

発行年	教員名	著者	題名	雑誌名	巻・ページ	doi	ゲノミクス	生体分子機能解析	動物	資源植物	バイオリソース	アイトーブ
2023	二瓶	Kae Horio, Ken-ichi Nihei	Total synthesis of (-)-ribesin B and its structural revision	Tetrahedron Letters	114:154285	10.1016/j.tetlet.2022.154285	○					
2023	畑谷 西川 夏秋	Kobayashi M, Mashiko T, Wilisiani F, Hartono S, Nishigawa H, Natsuaki T, Neriya Y	Development of a RT-LAMP assay for real-time detection of criniviruses infecting tomato	Journal of Virological Methods	312:114642	10.1016/j.jviromet.2022.114662	○					
2022	逢沢 園田	Mikawa Y, Aizawa M, Mori K, Toyama M, Sonoda S	Molecular verification of commercialized <i>Neoseiulus californicus</i> (McGregor) settlement before spider mite appearance in a Japanese pear orchard	Systemic and Applied Acarology	27:2403-2413	10.11158/saa.27.12.3	○					
2022	池田	Takaya Ishii, Miki Suto, Natsuki Suzuki, Hiroki Ikeda	Growth and gene expression related to bulb development and day-length responses in onion cultivars during overwinter cultivation	The Horticulture Journal	91: 514-521	10.2503/hortj.UTD-343	○			○		
2022	池田 謝	Haruna Yada, Chihiro Matsumoto, Xiaonan Xie, Kazuhisa Kato, Hiroki Ikeda	Physiological investigation of quantitative traits for fruit mass assessment using a tomato introgression line	The Horticulture Journal	91: 221-228	10.2503/hortj.utd-356	○			○		
2022	児玉	Shintaro Ichikawa, Shota Kato, Yuta Fujii, Kazuya Ishikawa, Keiji Numata, Yutaka Kodama	Organelle Glue: A Molecular Tool to Artificially Control Chloroplast – Chloroplast Interactions	ACS Synth. Biol	3190-3197	10.1021/acssynbio.2c00367	○					
2022	児玉	Tatsushi Fukushima, Yutaka Kodama	Selection of a histidine auxotrophic <i>Marchantia polymorpha</i> strain with an auxotrophic selective marker	Plant Biotechnol	-	-	○					
2022	児玉	Simon Sau Yin Law, Geoffrey Liou, Yukiko Nagai, Joan Giménez-Dejóz, Ayaka Tateishi, Kousuke Tsuchiya, Yutaka Kodama, Tsuyohiko Fujigaya, Keiji Numata	Polymer-coated carbon nanotube hybrids with functional peptides for gene delivery into plant mitochondria	Nature Communications	13(1):2417	10.1038/s41467-022-30185-y	○					
2022	児玉	Kazuya Ishikawa, Ryota Konno, Satoyuki Hirano, Yuta Fujii, Masayuki Fujiwara, Yoichiro Fukao, Yutaka Kodama	The endoplasmic reticulum membrane-bending protein RETICULON facilitates chloroplast relocation movement in <i>Marchantia polymorpha</i>	Plant J	111:205-216	10.1111/tpj.15787	○					
2022	児玉	Satoyuki Hirano, Kotoko Sasaki, Yasuhide Osaki, Kyoka Tahara, Hitomi Takahashi, Atsushi Takemiya, Yutaka Kodama	The localization of phototropin to the plasma membrane defines a cold-sensing compartment in <i>Marchantia polymorpha</i>	PNAS Nexus	1(2):030	10.1093/pnasnexus/pgac030	○					
2022	児玉	Minoru Noguchi, Yutaka Kodama	Temperature Sensing in Plants: On the Dawn of Molecular Thermosensor Research	Plant & Cell Physiology	63:737-743	10.1093/pcp/pcac033	○					
2022	児玉	Chonprakun Thagun, Yoko Horii, Maai Mori, Seiya Fujita, Misato Ohtani, Kousuke Tsuchiya, Yutaka Kodama, Masaki Odahara#, Keiji Numata	Non-transgenic Gene Modulation via Spray Delivery of Nucleic Acid/Peptide Complexes into Plant Nuclei and Chloroplasts	ACS Nano	16:3506-3521	10.1021/acsnano.1c07723	○					
2022	児玉	Takaaki Miyamoto, Kiminori Toyooka, Jo-Ann Chuah, Masaki Odahara, Mieko Higuchi-Takeuchi, Yumi Goto, Yoko Motoda, Takanori Kigawa, Yutaka Kodama, Keiji Numata	A Synthetic Multidomain Peptide That Drives a Macropinocytosis-Like Mechanism for Cytosolic Transport of Exogenous Proteins into Plants	JACS Au	2:223-233	10.1021/jacsau.1c00504	○					
2022	謝	Hinako Miura, Ryota Ochi, Hisashi Nishiwaki, Satoshi Yamauchi, Xiaonan Xie, Hidemitsu Nakamura, Koichi Yoneyama, Kaori Yoneyama	Germination Stimulant Activity of Isothiocyanates on <i>Phelipanche</i> spp	Plants (Basel, Switzerland)	11(5):606	10.3390/plants11050606		○				
2022	謝 諸星	Tomohiro Morohoshi, Naoka Yabe, Naoya Yaguchi, Xiaonan Xie, Nobutaka Someya	Regulation of phenazine-1-carboxamide production by quorum sensing in type strains of <i>Pseudomonas chlororaphis</i> subsp. <i>chlororaphis</i> and <i>Pseudomonas chlororaphis</i> subsp. <i>Piscium</i>	Journal of bioscience and bioengineering	133(6):541-546	10.1016/j.jbiosc.2022.03.00		○				
2022	謝 野村	Kodama K, Rich M.K, Yoda A, Shimazaki S, Xie X, Akiyama K, Mizuno Y, Komatsu A, Luo Y, Suzuki H, Kameoka H, Libourel C, Keller J, Sakakibara K, Nishiyama T, Nakagawa T, Mashiguchi K, Uchida K, Yoneyama K, Tanaka Y, Yamaguchi S, Shimamura M, Delaux P.-M, Nomura T, Kyojuka J	An Ancestral Function of Strigolactones as Symbiotic Rhizosphere Signals	Nature Commun	13:3974	10.1038/s41467-022-31708-3	○	○		○		
2022	謝 野村	Yoneyama K, Xie X, Nomura T, Yoneyama K, Bennett T	Supra-organismal regulation of strigolactone exudation and plant development in response to rhizospheric cues in rice	Curr. Biol	32: 3601-3608.e3	10.1016/j.cub.2022.06.047		○		○		
2022	鈴木	Ito A, Choi J-H, Yokoyama-Maruyama W, Kotajima M, Wu J, Suzuki T, Terashima Y, Suzuki H, Hirai H, Nelson D-C, Tsunematsu Y, Watanabe K, Asakawa T, Ouchi H, Inai M, Dohra H, Kawagishi H.	1,2,3-Triazine formation mechanism of the fairy chemical 2-azahypoxanthine in the fairy ring-forming fungus <i>Lepista sordida</i>	Organic & Biomolecular Chemistry	13:2636-2642	10.1039/D2OB000328G	○					
2022	鈴木	Choi J-H, Suzuki T, Ono A, Kotajima M, Tanaka Y, Suzuki T, Kawagishi H, Dohra H.	The complete mitochondrial genome sequence of the fairy ring-forming fungus <i>Lepista sordida</i>	Mitochondrial DNA Part B	7, 712-714	10.1080/23802359.2022.2067496	○					

発行年	教員名	著者	題名	雑誌名	巻・ページ	doi	ゲノミクス	生体分子機能解析	動物	資源植物	バイオリソース	アイトープ
2022	鈴木宮川金野	Ono A, Suzuki T, Takeshima Y, Kashiwa T, Motoyama T, Choi JH, Sato C, Konno N, Miyakawa H, Ogata M, Hirai H, Dohra H, Osada H, Kawagishi H	CmLec4, a lectin from the fungus <i>Cordyceps militaris</i> , controls host infection and fruiting body formation	International Journal of Biological Macromolecules	215:303-311	10.1016/j.ijbiomac.2022.06.106	○					
2022	園田	Sonoda S, Kagawa K, Furui Y, Nakada K, Koyama M, Toda S, Sugiura N, Nakamura S, Sueyoshi M, Mita T, Toyama M	Mutual complementarity among diverse pollinator species as underlying mechanism of insect-pollinated open pollination in Japanese pear orchards	Journal of Applied Entomology	146:498-510	10.1111/jen.12967	○					
2022	二瓶	Wakana Ishioka, Ken-ichi Nihei	Chemical synthesis and tyrosinase inhibitory activity of resorcinol alkyl glucosides, hydroxyalkyl resorcinols, and alkyl resorcinols	Journal of Molecular Structure	1268:133668-133668	10.1016/j.molstruc.2022.133668	○					
2022	二瓶	Hiroki Satooka, Ken-ichi Nihei, Isao Kubo	Intracellular oxidation of methyl <i>p</i> -coumarate is involved in anti-melanogenic and cytotoxic activities against melanoma cells	Phytochemistry Letters	50:89-94	10.1016/j.phytol.2022.05.014	○					
2022	煉谷西川夏秋	Fukushima C, Wang W.Q, Neriya Y, Natsuaki T, Nishigawa H	First report of fluorescent protein-expressing furovirus in barley and wheat	Journal of General Plant Pathology	88:383-385	10.1007/s10327-022-01095-0	○					
2022	煉谷西川夏秋	Kuroiwa M, Handa S, Kumagai N, Hatsushiba E, Gyoutoku Y, Moriyama M, Neriya Y, Nishigawa H, Natsuaki T	Characterization of a ToMV isolate overcoming <i>Tm-22</i> resistance gene in tomato	Virus Genes	58:478-482	2022	○					
2022	野村	Ito S, Braguy J, Wang JY, Yoda A, Fiorilli V, Takahashi I, Jamil M, Felemban A, Miyazaki S, Mazzarella T, Chen G.E, Shinozawa A, Balakrishna A, Berqdar L, Rajan C, Ali S, Haider I, Sasaki Y, Yajima S, Akiyama K, Lanfranco L, Zurbriggen M.D, Nomura T, Asami T, Al-Babili S	Canonical strigolactones are not the major determinant of tillering but important rhizospheric signals in rice	Science Adv	8(44): eadd1278	10.1126/sciadv.add1278	○	○		○		
2022	野村	Yata A, Nosaki S, Yoda A, Nomura T, Miura K	Production and stably maintenance of strigolactone by transient expression of biosynthetic enzymes in <i>Nicotiana benthamiana</i>	Front. Plant Sci	13:1027004	10.3389/fpls.2022.1027004		○		○		
2022	野村	Kusajima M, Fujita M, Soudthelath K, Nakamura H, Yoneyama K, Nomura T, Akiyama K, Maruyama-Nakashita A, Asami T, Nakashita H	Strigolactones modulate salicylic acid-mediated disease resistance in <i>Arabidopsis thaliana</i>	Int. J. Mol. Sci	23:5246	10.3390/ijms23095246		○		○		
2022	野村	Kyozuka J, Nomura T, Shimamura M	Origins and evolution of the dual functions of strigolactones as rhizosphere signaling molecules and plant hormones	Curr. Opin. Plant. Biol	65:102154	10.1016/j.pbi.2021.102154		○		○		
2022	福井	Masaharu Takahashi, Akira Nishizono, Manri Kawakami, Emiko Fukui, Emiko Isogai, Hiroyuki Matsuoka, Seigo Yamamoto, Hitoshi Mizuo, Shigeo Nagashima, Kazumoto Murata, Hiroaki Okamoto	Identification of hepatitis E virus in wild sika deer in Japan	Virus Resaerch	308:198645	10.1016/j.virusres.2021.198645	○					
2022	福井	Nishizawa T, Takahashi M, Matsuoka H, Nishizono A, Yamamoto S, Fukui E, Mizuo H, Kawakami M, Murata K, Okamoto H	Genomic characterization and the prevalence of a novel copiparvovirus in wild sika deer (<i>Cervus nippon</i>) in Japan	Virus Resaerch	314:198749	10.1016/j.virusres.2022.198749	○				○	
2022	福井逢沢	Morishima K, Fukui E, Aizawa M	Concordant genetic structures of sika deer and Japanese land leeches suggest that the current range expansion of <i>Haemadipsa japonica</i> is dependent on sika deer migration: a case study from the Tochigi Prefecture, Japan	Ecological Research	38(1):200-210	10.1111/1440-1703.12366	○					
2022	福井吉澤松本	Sato Y, Kawashima K, Fukui E, Matsumoto H, Yoshizawa F, Sato Y	Functional analysis reveals that Tinag1 is required for normal muscle development in mice through the activation of ERK signaling	BBA-Molecular Cell Research	1869(9):119294	10.1016/j.bbamcr.2022.119294	○		○			
2022	前田	Byamba T, Hasegawa K, Maeda I	Removal of Pb (II) from aqueous solution by a pectin-producing alga, <i>Penium margaritaceum</i> , immobilized on filter paper	Microbiology Research	13(4):1007-1017	10.3390/microbiolres13040073	○					
2022	松田岩波鈴木	Iwanami N, Ozaki Y, Sakaguchi H, Watanabe Y, Meng Q, Matsumoto K, Suzuki T, Hitomi K, Matsuda M.	Evolutionarily conserved role of hps1 in melanin production and blood coagulation in medaka fish	Genes, Genomes, Genetics	12(10):jkac204	10.1093/g3journal/jkac204	○				○	
2022	水重	Uchida K, Fujitani M, Mizushige T, Kawabata F, Hayamizu K, Uozumi K, Hara Y, Sawai M, Uehigashi R, Okada S, Goto-Inoue N, Morisasa M, Kishida T	Dietary Alaska Pollack Protein Induces Acute and Sustainable Skeletal Muscle Hypertrophy in Rats	Nutrients	14(3):547	10.3390/nu14030547	○		○			

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2022	水重	Fujitani M, Mizushige T, Adhikari S, Bhattarai K, Kishida T	Mechanism of Soy Isoflavone Daidzein-Induced Female-Specific Anorectic Effect. Metabolites	Metabolites	12(3):252	10.3390/metabo12030252	○		○			
2022	宮川 児玉	Ichikawa S, Ishikawa K, Miyakawa H, Kodama Y	Live-cell imaging of the chloroplast outer envelope membrane using fluorescent dyes	Plant Direct	-	-	○					
2022	宮川	Takahata Y, Miyakawa H	Developmental staging of sexual egg formation in <i>Daphnia pulex</i> : unmated females resorb meiotic oocytes to resist starvation	Zoological Science	39(5):407-412	10.2108/zs220010	○					
2022	矢ヶ崎	Christo J. F. Muller, Elizabeth Joubert, Nireshini Chellan, Yutaka Miura, Kazumi Yagasaki	New Insights into the Efficacy of Aspalathin and Other Related Phytochemicals in Type 2 Diabetes —A Review	Int. J. Mol. Sci.	23(1):356	10.3390/ijms23010356	○		○			
2022	矢ヶ崎	Kazumi Yagasaki, Christo J. F. Muller	The Effect of Phytochemicals and Food Bioactive	Int. J. Mol. Sci.	23(14):7765	10.3390/ijms23147765	○		○			
2021	逢沢	Aizawa M	An overlooked tree species, <i>Micromeles calocarpa</i> (Rehder) M. Aizawa (Rosaceae), from central Japan	Acta Phytotaxonomica et Geobotanica	72:23-42	10.18942/apg.202007	○					
2021	逢沢 飯塚	Aizawa M, Maekawa K, Mochizuki H, Iizuka K	Taxonomic revision of <i>Quercus serrata</i> subsp. <i>Mongolicoides</i>	Acta Phytotaxonomica et Geobotanica	72:113-123	10.18942/apg.202017	○					
2021	逢沢	Aizawa M, Worth JRP	Phylogenetic origin of two Japanese <i>Torreya</i> taxa found in two regions with strongly contrasting snow depth	Journal of Plant Research	134:907-919	10.1007/s10265-021-01301-8	○					
2021	青山	Aoyama M, Shioya M, Tsukamoto Y, Hasegawa H, Sugita S	The effects of cisplatin, an emetic agent, on behavior and plasma cortisol levels in goats	Anim. Sci. J	92(1):e13607	10.1111/asj.13607						○
2021	茅川	Shuko Terazawa, Mariko Takada, Yoriko Sato, Hiroaki Nakajima, Genji Imokawa	The Attenuated Secretion of Hyaluronan by UVA-Exposed Human Fibroblasts Is Associated with Up- and Downregulation of HYBID and HAS2 Expression via Activated and Inactivated Signaling of the p38/ATF2 and JAK2/STAT3 Cascades	Int J Mol Sci	22(4):2057	10.3390/ijms22042057	○					
2021	岡本	Yusuke Toda, Akito Kaga, Hiromi Kajiya-Kanegae, Tomohiro Hattori, Shuhei Yamaoka, Masanori Okamoto, Hisashi Tsujimoto, Hiroyoshi Iwata	Genomic prediction modeling of soybean biomass using UAV-based remote sensing and longitudinal model parameters	The Plant Genome	14(3):e20157	10.1002/tpg2.20157	○	○				
2021	岡本	Aditya S. Vaidya, Francis C. Peterson, James Eckhardt, Zenan Xing, View ORCID Profile Sang-Youl Park, Wim Dejonghe, View ORCID Profile Jun Takeuchi, Oded Pri-Tal, Julianna Faria, Dezi Elzinga, Brian F. Volkman, Yasushi Todoroki, Assaf Mosquna, View ORCID Profile Masanori Okamoto, and Sean R. Cutler	Click-to-lead design of a picomolar ABA receptor antagonist with potent activity in vivo	PNAS	118(38):e2108281118	10.1073/pnas.2108281118	○	○				
2021	北村 飯塚 黒倉 山根 前田	Rika Kitamura, Toshinori Kozaki, Kazuo Ishii, Masayuki Iigo, Takeshi Kurokura, Kenji Yamane, Isamu Maeda, Kazunori Iwabuchi, Takahiro Saito	Utilizing Cattle Manure Compost Increases Ammonia Monooxygenase A Gene Expression and Ammonia-oxidizing Activity of Both Bacteria and Archaea in Biofiltration Media for Ammonia Deodorization	Microbes and Environments	336:2	10.1264/jisme2.ME20148	○					
2021	児玉	Shota Katoa, Yamato Takahashi, Yuta Fujii, Kotoko Sasaki, Satoyuki Hirano, Koji Okajima, Yutaka Kodama	The photo-thermochemical properties and functions of <i>Marchantia</i> phototropin encoded by an unduplicated gene in land plant evolution	Journal of Photochemistry and Photobiology B: Biology	224:112305	10.1016/j.jphotobiol.2021.112305	○					
2021	児玉	Hitomi Takahashi, Yutaka Kodama	Culture-based preservation of <i>Marchantia polymorpha</i> gemmalings and thalli without encapsulation, drying, or freezing	Plant Biotechnology	38:449-452	10.5511/plantbiotechnology.21.0902a	○					
2021	児玉	Ken Yokawa, Yutaka Kodama	A green light-excitable FRET system for monitoring intracellular calcium levels in plant cells	Plant Signaling & Behavior	1963104	10.1080/15592324.2021.1963104	○					
2021	児玉	Yoshiaki Kamiyama, Misaki Hirotsu, Shinnosuke Ishikawa, Fuku Minegishi, Sotaro Katagiri, Conner J. Rogan, Fuminori Takahashi, Mika Nomoto, Kazuya Ishikawa, Yutaka Kodama, Yasuomi Tada, Daisuke Takezawa, Jeffrey C. Anderson, Scott C. Peck, Kazuo Shinozaki, Taishi Umezawa	<i>Arabidopsis</i> group C Raf-like protein kinases negatively regulate abscisic acid signaling and are direct substrates of SnRK2	PNAS	118(30):e2100073118	10.1073/pnas.2100073118	○					
2021	児玉	Masaki Odahara, Kenta Watanabe, Riku Kawasaki, Kousuke Tsuchiya, Ayaka Tateishi, Yoko Motoda, Takanori Kigawa, Yutaka Kodama, Keiji Numata	Nanoscale Polyion Complex Vesicles for Delivery of Cargo Proteins and Cas9 Ribonucleoprotein Complexes to Plant Cells	APPLIED NANO MATERIALS	4:5630-5635	10.1021/acsnm.1c00695	○					

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2021	児玉	Kazusato Oikawa, Takuto Imai, Yutaka Kodama, Keiji Numata	Effects of mitochondria-selective fluorescent probes on mitochondrial movement in <i>Arabidopsis</i> mesophyll cells evaluated by using the quantification	Plant Biotechnol	38:257-262	10.5511/plantbiotechnology.21.0204a	○					
2021	児玉	Kazusato Oikawa, Takuto Imai, Chonprakun Thagun, Kiminori Toyooka, Takeshi Yoshizumi, Kazuya Ishikawa, Yutaka Kodama, Keiji Numata	Mitochondrial movement during its association with chloroplasts in <i>Arabidopsis thaliana</i>	COMMUNICATIONS BIOLOGY	4:292	10.1038/s42003-021-01833-8	○					
2021	児玉	Shun Tamaki, Ryosuke Sato, Yuki Koshitsuka, Masashi Asahina, Yutaka Kodama, Takahiro Ishikawa, Tomoko Shinomura	Suppression of the Lycopene Cyclase Gene Causes Downregulation of Ascorbate Peroxidase Activity and Decreased Glutathione Pool Size, Leading to H2O2 Accumulation in <i>Euglena gracilis</i>	Frontiers in Plant Science	12:786208	10.3389/fpls.2021.786208	○					
2021	児玉	Kazusato Oikawa, Ayaka Tateishi, Masaki Odahara, Yutaka Kodama, Keiji Numata	Imaging of the Entry Pathway of a Cell-Penetrating Peptide-DNA Complex From the Extracellular Space to Chloroplast Nucleoids Across Multiple Membranes in <i>Arabidopsis</i> Leaves	Frontiers in Plant Science	12:759871	10.3389/fpls.2021.759871	○					
2021	児玉	Ronnie Concepcion II, Elmer Dadios, Argel Bandala, Joel Cuello, Yutaka Kodama	Hybrid Genetic Programming and Multiverse-based Optimization of Pre-Harvest Growth Factors of Aquaponic Lettuce Based on Chlorophyll Concentration	International Journal on Advanced Science, Engineering and Information Technology	11:2128-2138	10.18517/ijaseit.11.6.14991	○					
2021	黒倉 鈴木 児玉	Yong LK, Tsuboyama S, Kitamura R, Kurokura T, Suzuki T, Kodama Y	Chloroplast relocation movement in the liverwort <i>Apopellia endiviifolia</i>	Physiologia Plantarum	173:775-787	10.1111/ppl.13473	○					
2021	金野	Yuichi Sakamoto, Shiho Sato, Keiko Nakade, Miyuki Ito, Takahiro Yamauchi, Katsumasa Eda, Fumikazu Goto, Masashi Mizuno, Naotake Konno	Screening of a <i>Lentinula edodes</i> Mutant That Retains Lentinan Contents Long after Being Harvested Using TILLING	ACS Agricultural Science & Technology	1(3):143-149	10.1021/acsagcitech.0c00023	○					
2021	鈴木	Suzuki T, Nakamura L, Inayoshi S, Tezuka Y, Ono A, Choi J-H, Dohra H, Sasanami T, Hirai H, Kawagishi H	An Efficient Heterologous <i>Escherichia coli</i> -Based Expression System for Lectin Production from <i>Pleurocybella porrigens</i>	Bioscience, Biotechnology, and Biochemistry	85(3):630-633	10.1093/zbaa058	○					
2021	鈴木	Suzuki T	Genetic sequence analysis and characterization of bioactive compounds in mushroom-forming fungi	Bioscience, Biotechnology, and Biochemistry,	85, 8-12	10.1093/bbb/zbaa067	○					
2021	鈴木	Wang, J, Suzuki T, Mori T, Yin R, Dohra H, Kawagishi H, Hirai H	Transcriptomics analysis reveals the high biodegradation efficiency of white-rot fungus <i>Phanerochaete sordida</i> YK-624 on native lignin	Journal of Bioscience and Bioengineering	132, 253-257	10.1016/j.jbiosc.2021.05.009	○					
2021	鈴木	Kashiwa T, Suzuki T	High-quality genome assembly of the soybean fungal pathogen <i>Cercospora kikuchii</i>	Genes, Genomes, Genetics	11, jkab277	10.1093/g3journal/jkab277	○					
2021	鈴木	Worarad K, Suzuki T, Norii H, Muchizuki Y, Ishii T, Shinohara K, Miyamoto T, Kuboyama T, Inoue E	Transcriptome profiling for pericarp browning during long-term storage of intact lotus root (<i>Nelumbo nucifera</i>)	Plant Growth Regulation	95, 1-15	10.21203/rs.3.rs-539513/v1	○					
2021	鈴木 園田	Fukazawa M, Takahashi R, Matsuda H, Mikawa Y, Suzuki T, Suzuki T, Sonoda S	Sodium channel mutations (T929I and F1534S) found in pyrethroid resistant strains of the cigarette beetle, <i>Lasioderma serricornis</i> (Coleoptera: Anobiidae)	Journal of Pesticide Science	46, 360-365	10.1584/jpestics.D21-033	○					
2021	鈴木	Mori T, Dohra H, Suzuki T, Kawagishi H, Hirai H	Draft genome sequence of the white-rot fungus <i>Phanerochaete sordida</i> YK-624	Microbiology Resource Announcements	10 : e0084221	10.1128/MRA.00842-21	○					
2021	謝 謹星	Tomohiro Morohoshi, Akinori Oshima, Xiaonan Xie, Nobutaka Someya	Genetic and functional diversity of Psyl/PsyR quorum-sensing system in the <i>Pseudomonas syringae</i> complex	FEMS Microbiology Ecology	97(2):254	10.1093/femsec/fiaa254	○					
2021	謝	Yohei Mizuno, Aino Komatsu, Shota Shimazaki, Satoshi Naramoto, Keisuke Inoue, Xiaonan Xie, Kimitsune Ishizaki, Takayuki Kohchi, Junko Kyoizuka	Major components of the KARRIKIN (SENSITIVE2-dependent signaling pathway are conserved in the liverwort <i>Marchantia polymorpha</i>	The Plant cell	33(7):2395-2411	10.1093/plcell/koab106	○					
2021	謝	Shmuel Galili, Joseph Hershenhorn, Evgeny Smirnov, Koichi Yoneyama, Xiaonan Xie, Orit Amir-Segev, Aharon Bellalou, Evgenia Dor	Characterization of a Chickpea Mutant Resistant to <i>Phelipanche aegyptiaca</i> Pers. and <i>Orobancha crenata</i> Forsk	Plants (Basel, Switzerland)	10(12):2552	10.3390/plants10122552	○					

発行年	教員名	著者	題名	雑誌名	巻・ページ	doi	ゲノミクス	生体分子機能解析	動物	資源植物	バイオリソース	アイトープ
2021	謝	Huwei Sun, Xiaoli Guo, Xuejiao Qi, Fan Feng, Xiaonan Xie, Yali Zhang, Quanzhi Zhao	SPL14/17 act downstream of strigolactone signalling to modulate rice root elongation in response to nitrate supply	The Plant Journal	106(3):649-660	10.1111/tpj.15188		○				
2021	謝	Hitoshi Ouchi, Takuya Namiki, Kenji Iwamoto, Nobuo Matsuzaki, Makoto Inai, Mihaya Kotajima, Jing Wu, Jae-Hoon Choi, Yoko Kimura, Hirofumi Hirai, Xiaonan Xie, Hirokazu Kawagishi, and Toshiyuki Kan	S-Adenosylhomocysteine Analogue of a Fairy Chemical, Imidazole-4-carboxamide, as its Metabolite in Rice and Yeast and Synthetic Investigations of Related Compounds	Journal of Natural Products	84:2:453-458	10.1021/acs.jnatprod.0c01269		○				
2021	謝野村	Xie X, Yoneyama K, Nomura T, Yoneyama Y	Evaluation and Quantification of Natural Strigolactones from Root Exudates	Methods in molecular biology	2309: 3-12	10.1007/978-1-0716-1429-7_1		○		○		
2021	謝野村	Yoda A, Mori N, Akiyama K, Kikuchi M, Xie X, Miura K, Yoneyama K, Sato-Izawa K, Yamaguchi S, Yoneyama Y, Nelson D.C, Nomura T	Strigolactone biosynthesis catalyzed by cytochrome P450 and sulfotransferase in sorghum	New Phytologist	232:1999-2010	10.1111/nph.17737	○	○		○		
2021	岡田西川夏秋	Hiroshi Kato, Shuichiro Yamazaki, Takashi Fukuda, Shoji Sonoda, Hisahi Nishigawa, Tomohide Natsuaki	Detection of <i>Fusarium oxysporum</i> f. sp. <i>fragariae</i> by using loop-mediated isothermal amplification	Plant Disease	105:1072-1079	10.1094/PDIS-03-20-0590-RE	○					
2021	田村	Tamura M, Tsujii, H, Saito T & Sasahara Y	Relationship between starch digestibility and physicochemical properties of aged rice grain	LWT	150:111887	10.1016/j.lwt.2021.111887	○					
2021	田村神山	Tamura, M, Yoshimura, Y, Saito T & Koyama T	Comparison of standard and non-standard buckwheat groats for cooking, physicochemical and nutritional properties, and <i>in vitro</i> starch digestibility	Future Foods	3:100029	10.1016/j.fufo.2021.100029	○					
2021	二瓶	Ken-ichi Nihei, Steve Peigneur, Jan Tytgat, Angela B. Lange, Katsuhiko Konno	Isolation and characterization of FMRFamide-like peptides in the venoms of solitary sphecid wasps	Peptides	142:170575-170575	10.1016/j.peptides.2021.170575	○	○				
2021	二瓶	Carlos Alberto-Silva, Fernanda Calheta Vieira Portaro, Roberto Tadashi Kodama, Halayne Queiroz Pantaleão, Marisa Rangel, Ken-ichi Nihei, Katsuhiko Konno	Novel neuroprotective peptides in the venom of the solitary scoldid wasp <i>Scolia decorata ventralis</i>	Journal of Venomous Animals and Toxins Including Tropical Diseases	27:e20200171	10.1590/1678-9199-jvatitd-2020-0171	○	○				
2021	野村	経塚淳子, 野村崇人	ストリゴラクトンの二面的機能, その起源と進化	植物の生長調節	56(2):63-70	10.18978/jscrp.56.2_63	○	○		○		
2021	煤谷西川夏秋	Wang W.Q, Idei S, Fukuda R, Namai K, Neriya Y, Nishigawa H, Natsuaki T	First report of the complete genome sequences of strawberry mottle virus isolated in Japan	Journal of General Plant Pathology	210117	10.1007/s10327-021-00981-3	○					
2021	煤谷鈴木西川夏秋	Yamamoto D, Neriya Y, Suzuki T, Nishigawa H, Natsuaki T	Construction of an infectious dahlia common mosaic virus clone	Archives of Virology	166(11):3179-3182	10.1007/s00705-021-05225-5	○					
2021	前田	Ohashi Y, Huang S, Maeda I	Biosyntheses of geranic acid and citronellic acid from monoterpene alcohols by <i>Saccharomyces cerevisiae</i>	Bioscience Biotechnology and Biochemistry	85:1530-1535	10.1093/bbb/zbab039	○					
2021	前田	Maeda I	Potential of phototrophic purple nonsulfur bacteria to fix nitrogen in rice fields	Microorganisms	10:28	10.3390/microorganisms10010028	○					
2021	松田	Akira Seto, Hayato Endo, Yukio Minamiya, Masaru Matsuda	The complete mitochondrial genome sequences of Japanese earthworms <i>Metaphire hilgendorfi</i> and <i>Amyntas yunoshimensis</i> (Clitellata: Megasclelecididae)	Mitochondrial DNA. Part B, Resources	6(3):965-967	10.1080/23802359.2020.1830728	○					
2021	松本福井	Shinichi Watanabe, Megumi Miura, Hiromi Morita, Moeka Nishi, Shin-ichi Yokota, Shosaku Hattori, Hiromichi Matsumoto, Emiko Fukui, Ken Takeshi Kusakabe, Masanori Ochi, Naomi Nakagata, Yasuo Kiso, Chieko Kai, Midori Yoshizawa	Successful blastocyst production by intracytoplasmic injection of sperm after <i>in vitro</i> maturation of follicular oocytes obtained from immature female squirrel monkeys (<i>Saimiri boliviensis</i>)	The Journal of reproduction and development	67(4):265-272	10.1262/jrd.2021-018			○			
2021	水重	Takafumi Mizushige	Neuromodulatory peptides: Orally active anxiolytic-like and antidepressant-like peptides derived from dietary plant proteins	Peptides	142:170569-170569	10.1016/j.peptides.2021.170569	○		○			
2021	水重巖山	Keisuke Kimura, Mizuki Morisasa, Takafumi Mizushige, Rikuo Karasawa, Chinatsu Kanamaru, Yukihito Kabuyama, Takahiro Hayasaka, Tsukasa Mori, Naoko Goto-Inoue	Lipid Dynamics due to Muscle Atrophy Induced by Immobilization	Journal of oleo science	70(7):937-946	10.5650/jos.ess21045	○		○			

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2021	宮川	Toyota K, Watanabe H, Hirano M, Abe R, Miyakawa H, Song Y, Sato T, Miyagawa S, Tollefsen KE, Tatarazako N, Iguchi T	Juvenile hormone synthesis and signaling disruption triggering male offspring induction and population decline in cladocerans: Review and adverse outcome pathway development	Aquatic Toxicology	243:106058	10.1016/j.aquatox.2021.106058	○					
2021	宮川	Toyota K, Miyakawa H, Hiruta C, Sato T, Katayama H, Ohira T, Iguchi T	Sex determination and differentiation in decapod and cladoceran crustaceans: an overview of endocrine regulation	Genes	12(2):305	10.3390/genes12020305	○					
2021	諸星	N Someya, M Kubota, Y Unno and T Morohoshi	Distribution of pink-pigmented facultative methylotrophs isolated from the leaves of potato grown in different regions of Japan	Jpn Agric Res Quart	55:341-345	10.6090/jarq.55.341	○					
2021	諸星	N. Someya, M Kubota, T Morohoshi and Y Inoue	Detection of culturable bacteria from tomato seeds on media semi-selective for the canker pathogen	Biocontrol Sci	26(1):61-65	10.4265/bio.26.61	○					
2021	諸星	T Morohoshi, K Nameki and N Someya	Comparative genome analysis reveals the presence of multiple quorum-sensing systems in plant pathogenic bacterium, <i>Erwinia rhapontici</i>	Biosci Biotech Biochem	85:8:1910-1914	10.1093/bbb/zbab104	○					
2021	諸星 鈴木	R Sakuraoaka, N Someya, K Takeuchi, T Suzuki and T Morohoshi	Comparative genome analysis reveals differences in biocontrol efficacy according to each individual isolate belonging to rhizospheric fluorescent pseudomonads	Microb Environ	36:ME21034	10.1264/jjsme2.ME21034	○					
2021	矢ヶ崎 近藤 安達	Adachi SI, Oyama M, Kondo S, Yagasaki K	Comparative effects of quercetin, luteolin, apigenin and their related polyphenols on uric acid production in cultured hepatocytes and suppression of purine bodies - induced hyperuricemia by rutin in mice	Cytotechnology	73(3):343-351	10.1007/s10616-021-00452-9	○		○			
2021	矢ヶ崎 吉澤 近藤 安達	Kondo S, Adachi SI, Yoshizawa F, Yagasaki K	Antidiabetic Effect of Taxifolin in Cultured L6 Myotubes and Type 2 Diabetic Model KK-Ay/Ta Mice with Hyperglycemia and Hyperuricemia	Curr Issues Mol Biol	43(3):1293-1306	10.3390/cimb43030092	○		○			
2021	矢ヶ崎 近藤 安達	安達 真一, 小山 美冬, 近藤 真司, 矢ヶ崎 一三	そば成分とくにルチンとその関連成分の尿酸産生と高尿酸血症に対する作用について：インスリン抵抗性との関連も含めて	New Food Industry	63(11):783-789		○		○			
2021	山根 前田 飯郷 池口	Yamane, K, Y Kimura, K Takahashi, I Maeda, M Iigo, A Ikeguchi and Hye-Ji Kim	The growth of leaf lettuce and bacterial communities in a closed aquaponics system with catfish	Horticulturae	7(8):222	10.3390/horticulturae7080222				○		
2020	逢沢	Aizawa M, Iwaizumi GM	Natural hybridization and introgression of <i>Abies firma</i> and <i>Abies homolepis</i> along the altitudinal gradient and genetic insights into the origin of <i>Abies umbellata</i>	Plant Species Biology	35:147-157	10.1111/1442-1984.12269	○					
2020	逢沢	Morishima K, Nakano T, Aizawa M	Sika deer presence affects the host-parasite interface of a Japanese land leech	Ecology and Evolution	10:6030-6038	10.1002/ece3.6344	○					
2020	逢沢 園田	Yuya Mikawa, Mineaki Aizawa, Ryuji Uesugi, Masahiro Osakabe, Kotaro Mori, Masatoshi Toyama, Shoji Sonoda	Molecular monitoring of Neoseiulus californicus released from sheltered slow-release sachets for spider mite control in a Japanese pear greenhouse.	Experimental and Applied Acarology	80(2):203-214	10.1007/s10493-019-00463-4	○					
2020	茅川	Shuko Terazawa, Masahiko Nakano, Akio Yamamoto, and Genji Imokawa	Mycosporine-like amino acids stimulate hyaluronan secretion by up-regulating hyaluronan synthase 2 via activation of the p38/MSK1/CREB/c-Fos/AP-1 axis	Journal of Biological Chemistry	295(21):7274-7288	10.1074/jbc.RA119.011139	○					
2020	大西	Yoshiaki Fujita, Yuriko Nagashima, Mei Yamaguchi, Su-Hyeun Shim, Takayuki Ohnishi, Sang Woo Bang	Characterization of cytoplasmic female sterility in an alloplasmic and monosomic addition line of <i>Brassica rapa</i> carrying the cytoplasm and one chromosome of <i>Diplotaxis tenuifolia</i>	Breeding Science	70(3):355-362	10.1270/jsbbs.19147	○					
2020	岡本	Jun Takeuchi, Kosuke Fukui, Yoshiya Seto, Yousuke Takaoka, Masanori Okamoto	Ligand-receptor interactions in plant hormone signaling	The Plant Journal	105:2:290-306	10.1111/tpj.15115						

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2020	児玉	Neval Yilmaz, Yutaka Kodama, and Keiji Numata	Lipid Membrane Interaction of Peptide/DNA Complexes Designed for Gene Delivery	Langmuir	37:1882-1893	10.1021/acs.langmuir.0c03320	○					
2020	児玉	Hitomi Takahashi, Yutaka Kodama	CRUNC: a cryopreservation method for unencapsulated gemmae of <i>Marchantia polymorpha</i>	PeerJ	8:e101174	10.7717/peerj.101174	○					
2020	児玉	Chonprakun Thagun, Yoko Motoda, Takanori Kigawa, Yutaka Kodama, Keiji Numata	Simultaneous introduction of multiple biomacromolecules into plant cells using a cell-penetrating peptide nanocarrier	Nanoscale	12:18844 – 18856	10.1039/D0NR04718J	○					
2020	児玉	Keiko Midorikawa, Kousuke Tsuchiya, Simon Sau Yin Law, Yu Miyagi, Takuya Asai, Takanori Iino, Yasuyuki Ozeki, Yutaka Kodama, Keiji Numata	Cellular internalization mechanism of novel Raman probes designed for plant cells	RSC Chem Biol	1:204-208	10.1039/D0CB00128G	○					
2020	児玉	Riku Kawasaki, Kousuke Tsuchiya, Yutaka Kodama, Keiji Numata	Development of reactive oxygen species-triggered degradable nanoparticles using oligoproline-containing peptides	Biomacromolecules	21:4116-4122	10.1021/acs.biomac.0c00915	○					
2020	児玉	Yuri Tanno, Shota Kato, Senji Takahashi, Shun Tamaki, Shinichi Takaichi, Yutaka Kodama, Kintake Sonoike, Tomoko Shinomura	Light dependent accumulation of β -carotene enhances photo-acclimation of <i>Euglena gracilis</i>	J Photochem Photobiol B Biology	209:111950	10.1016/j.jphotobiol.2020.111950	○					
2020	児玉	Yuta Fujii, Yuka Ogasawara, Yamato Takahashi, Momoko Sakata, Minoru Noguchi, Saori Tamura, Yutaka Kodama	The cold-induced switch in direction of chloroplast relocation occurs independently of changes in endogenous phototropin levels	PLOS ONE	15:e0233302	10.1371/journal.pone.0233302	○					
2020	児玉	坂田桃子、児玉豊	タイムゲート法と光変換型蛍光タンパク質とを組み合わせた細胞内タンパク質局在過程の追跡	Plant Morphol	32:27-30		○					
2020	児玉	Shota Kato, Kazunari Ozasa, Mizuo Maeda, Yuri Tanno, Shun Tamaki, Mieko Higuchi-Takeuchi, Keiji Numata, Yutaka Kodama, Mayuko Sato, Kiminori Toyooka, Tomoko Shinomura	Carotenoids in the eyespot apparatus are required for triggering phototaxis in <i>Euglena gracilis</i>	The Plant Journal	101:5:1091-1102	10.1111/tpj.14576	○					
2020	児玉	Neval Yilmaz, Yutaka Kodama, Keiji Numata	Revealing the architecture of cell wall in living plant cells by bio-imaging and enzymatic degradation	Biomacromolecules	21:1:95-103	10.1021/acs.biomac.9b00979	○					
2020	謝野村	Narumi Moria, Aika Sado, Xiaonan Xie, Kaori Yoneyama, Kei Asami, Yoshiya Seto, Takahito Nomura, Shinjiro Yamaguchi, Koichi Yoneyama, Kohki Akiyama	Chemical identification of 18-hydroxycaractanoic acid as an LjMAX1 product and <i>in planta</i> conversion of its methyl ester to canonical and non-canonical strigolactones in <i>Lotus japonicus</i>	Phytochemistry	174:112349	10.1016/j.phytochem.2020.112349		○		○		
2020	謝野村	Kaori Yoneyama, Xiaonan Xie, Takahito Nomura, Koichi Yoneyama	Do Phosphate and Cytokinin Interact to Regulate Strigolactone Biosynthesis or Act Independently?	Frontiers in Plant Science	11: 438	10.3389/fpls.2020.00438		○		○		
2020	謝野村	Yoneyama K, Akiyama K, Brewer P.B, Mori N, Kawano-Kawada M, Haruta S, Nishiwaki H, Yamauchi S, Xie X, Umehara M, Christine A. Beveridge C.A, Yoneyama K, Nomura T	Hydroxyl carlactone derivatives are predominant strigolactones in <i>Arabidopsis</i>	Plant Direct	4(5):e00219	10.1002/pld3.219		○		○		
2020	謝燕山 前田	Kusumah D, Wakui M, Murakami M, Xie X, Kabuyama Y and Maeda I	Linoleic acid, α -linolenic acid, and monolinolenins as antibacterial substances in the heat-processed soybean fermented with <i>Rhizopus oligosporus</i>	Biosci Biotechnol Biochem	84:1285-1290	10.1080/09168451.2020.1731299	○					
2020	榎谷 鈴木 西川	Neriya Y, Morikawa T, Hamamoto K, Noguchi K, Kobayashi T, Suzuki T, Nishigawa H, Natsuaki T	Characterization of tulip streak virus, a novel virus of the family <i>Phenuiviridae</i>	Journal of General Virology	102	10.1099/jgv.0.001525	○					
2020	鈴木 金野 児玉 羽生	Kikuchi M, Konno N, Suzuki T, Fujii Y, Kodama Y, Isogai A & Habu N	A bacterial endo- β -1,4-glucuronan lyase, CUL-1 from <i>Brevundimonas</i> sp. SH203, belonging to a novel polysaccharide lyase family	Protein Expression and Purification	166:105502	10.1016/j.pep.2019.105502	○					
2020	鈴木 諸星	Morohoshi T, Oi T, Suzuki T, Sato S	Identification and characterization of a novel extracellular polyhydroxyalkanoate depolymerase in the complete genome sequence of <i>Undibacterium</i> KW1 and YM2 strains	Plos One	15:e0232698	10.1371/journal.pone.0232698	○					

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2020	鈴木 篠田 金野	Shinoda K, Konno N, Suzuki T	Non-destructive analysis of the moisture content in shiitake mushrooms (<i>Lentinula edodes</i>) using near-infrared imaging at 1450 nm	Mycoscience	61:5:235-239	10.1016/j.myc.2020.04.005	○					
2020	鈴木 金野 羽生	Tanaka Y, Konno N, Suzuki T, Habu N	Starch-degrading enzymes from the brown-rot fungus <i>Fomitopsis palustris</i> .	Protein Expression and Purification	170:105609	10.1016/j.pep.2020.105609	○					
2020	鈴木 飯郷 黒倉 山根	Yamazaki K, Suzuki T, Iigo M, Aiso-Sanada H, Kurokura T, Yamane K	Effects of Trehalose and Sucrose on Gene Expression Related to Senescence of Cut Stilbe (<i>Astilbe × arendsii</i> Arends) Flowers	The Horticulture Journal	89(5):628-638	10.2503/hortj.UTD-182	○					
2020	鈴木 金野	田中裕基, 平岡加那子, 鈴木智大, 羽生直人, 金野尚武	白色腐朽菌シイタケ由来エンド型ポリガラクトクロナーゼの精製と特性解析	日本きのこ学会誌	2020-10:123-128:28(3)		○					
2020	園田	Fukada M, Itagaki Y, Nagayoshi A, Sonoda S	Field survey of ryanodine receptor mutations (G4946E and I4790K) and their effects on biotic performance in diamondback moth	Journal Pestic Science	45:2:114-118	10.1584/jpestics.D20-011	○					
2020	園田	Jouraku A, Kuwazaki S, Miyamoto K, Uchiyama M, Kurokawa T, Mori E, Mori MX, Mori Y, Sonoda S	Ryanodine receptor mutations (G4946E and I4790K) differentially responsible for diamide insecticide resistance in diamondback moth, <i>Plutella xylostella</i> L.	Insect Biochemistry and Molecular Biology	118:103308	10.1016/j.ibmb.2019.103308	○					
2020	二瓶	Ryo Shimakage, Ken-ichi Nihei	Synthesis, structural revision, and tyrosinase inhibitory activity of proposed phloretin-4-O- β -D-glucopyranoside from <i>Homalium stenophyllum</i>	Natural Product Research	1-9	10.1080/14786419.2020.1817922	○	○				
2020	二瓶	Takuya Matsumoto, Saki Harima, Jing-Ke Weng, Ken-ichi Nihei	Systematic approach to the chemical synthesis of arabidopyrones, the unique α -pyrones of <i>Arabidopsis</i> metabolites	Synthetic Communications	50:2981-2987	10.1080/00397911.2020.1788600	○	○				
2020	二瓶	Ken-ichi Nihei, Isao Kubo	Tyrosinase inhibition by 4-substituted benzaldehydes with electron-withdrawing groups	Applied Biochemistry and Biotechnology	191:1711-1716	10.1007/s12010-020-03295-w	○	○				
2020	二瓶	Gandhi Radis-Baptista, Hiliana V. Dodou, Alvaro R.B, Prieto-da-Silva, André J. Zaharenko, Kohei Kazuma, Ken-ichi Nihei, Hidetoshi Inagaki, Kanami Mori-Yasumoto, Katsuhiko Konno	Comprehensive analysis of peptides and low molecular weight components of the giant ant <i>Dinoponera quadricipes</i> venom	Biological Chemistry	401:945-954	10.1515/hsz-2019-0397	○	○				
2020	煉谷 西川 夏秋	Neriya Y, Izumi R, Willisiani F, Hartono S, Wirya G.N.A.S, Nishigawa H, Natsuaki T	Complete genome sequence of pepper yellow leaf curl Indonesia virus from tomato in Bali, Indonesia	Microbiology Resource Announcements	9:e00486-20	10.1128/MRA.00486-20	○					
2020	煉谷 西川 夏秋	Kimathi R.H, Willisiani F, Mashiko T, Neriya Y, Miinda A.E, Nishigawa H, Natsuaki T	Molecular characterization of tomato leaf curl Uganda virus infecting tomato plants in Kenya	Journal of General Plant Pathology	86:513-518	10.1007/s10327-020-00950-2	○					
2020	煉谷 西川 夏秋	Kimathi R.H, Willisiani F, Mashiko T, Neriya Y, Miinda A.E, Nishigawa H, Natsuaki T	First report of Tomato chlorosis virus infecting tomato in Kenya	Scientific African	7:e00286	10.1016/j.sciaf.2020.e00286	○					
2020	煉谷 西川 夏秋	Neriya Y, Morikawa T, Hamamoto K, Noguchi K, Kobayashi T, Suzuki T, Nishigawa H, Natsuaki T	Characterization of tulip streak virus, a novel virus associated with the family <i>Phenuiviridae</i>	Journal of General Virology	201123	10.1099/jgv.0.001525	○					
2020	野村	Narumi Mori, Takahito Nomura & Kohki Akiyama	Identification of two oxygenase genes involved in the respective biosynthetic pathways of canonical and non-canonical strigolactones in <i>Lotus japonicus</i>	Planta	251:40	10.1007/s00425-019-03332-x		○		○		
2020	野村	Kojiro Kawada, Yuya Uchida, Ikuo Takahashi, Takahito Nomura, Yasuyuki Sasaki, Tadao Asami, Shunsuke Yajima and Shinsaku Ito	Trifluzole as a Novel Lead Compound for Strigolactone Biosynthesis Inhibitor	Molecules	25(23):E5525	10.3390/molecules25235525		○		○		
2020	福井 松本	Akaiwa M, Fukui E, Matsumoto H	Tubulointerstitial nephritis antigen-like 1 deficiency alleviates age-dependent depressed ovulation associated with ovarian collagen deposition in mice	Reprod Med Biol	19(1):50-57	10.1002/rmb.212301	○		○			
2020	松田 大谷 ネイザ ンヘー ガン	Wataru Takano, Shuhei Shibata, Nathan Hagen, Masaru Matsuda, Yukitoshi Otani	Minimizing scattering-induced phase errors in differential interference contrast microscopy	Journal of biomedical optics	12:123703	10.1117/1.JBO.25.12.123703	○				○	

発行年	教員名	著者	題名	雑誌名	巻・ページ	doi	ゲノミクス	生体分子機能解析	動物	資源植物	バイオリソース	アイソトープ
2020	松田	Yusaku Ogita, Shuuji Mawaribuchi, Kei Nakasako, Kei Tamura, Masaru Matsuda, Takafumi Katsumura, Hiroki Oota, Go Watanabe, Shigetaka Yoneda, Nobuhiko Takamatsu, Michihiko Ito	Parallel Evolution of Two <i>dmrt1</i> -Derived Genes, <i>dmy</i> and <i>dm-W</i> , for Vertebrate Sex Determination	iScience	23:1:100757	10.1016/j.isci.2019.100757	○					
2020	水重 吉澤 燕山	Dai Nogimura, Takafumi Mizushige, Yuki Taga, Akitoshi Nagai, Sayo Shoji, Nao Azuma, Masashi Kusubata, Shin-ichi Adachi, Fumiaki Yoshizawa, Yukihito Kabuyama	Prolyl-hydroxyproline, a collagen-derived dipeptide, enhances hippocampal cell proliferation, which leads to antidepressant-like effects in mice	FASEB Journal	34(4):5715-5723	10.1096/fj.201902871R	○		○			
2020	宮川 鈴木	Araki M, Miyakawa MO, Suzuki T, Miyakawa H	Two insulin-like peptides may regulate egg production in opposite directions via juvenile hormone signaling in the queenless ant <i>Pristomyrmex punctatus</i>	Journal of Experimental Zoology Part B: Molecular and Developmental Evolution	334(4):225-234	10.1002/jez.b.22935	○					
2020	宮川	Gudeangadi PG, Uchida K, Tateishi A, Terada K, Masunaga H, Tsuchiya K, Miyakawa H, Numata K	Poly(alanine-nylon-alanine) as a bioplastic: chemoenzymatic synthesis, thermal properties and biological degradation effects	Polymer Chemistry	30:2020	10.1039/D0PY00137F	○					
2020	諸星	N Someya, M Kubota, K Takeuchi, Y Unno, R Sakuraoka and T Morohoshi	Diversity of antibiotic biosynthesis gene-possessing rhizospheric fluorescent <i>Pseudomonads</i> in Japan and their biocontrol efficacy	Microbes and Environments	35(2020)2:ME19155	10.1264/jsme2.ME19155	○					
2020	諸星	T Morohoshi, Y Kamimura and N Someya	Identification and characterization of quorum-quenching activity of <i>N</i> -acylhomoserine lactonase from coagulase-negative <i>Staphylococci</i>	Antibiotics	9(8):483	10.3390/antibiotics9080483	○					
2020	吉澤 矢ヶ崎	Adachi SI, Sasaki K, Kondo S, Komatsu W, Yoshizawa F, Isoda H, Yagasaki K	Antihyperuricemic Effect of Urolithin A in Cultured Hepatocytes and Model Mice	Molecules	25(21):5136	10.3390/molecules25215136			○			
2020	吉澤 佐藤	Reiko Suzuki, Yoriko Sato, Misato Fukaya, Daisuke Suzuki, Fumiaki Yoshizawa, Yusuke Sato	Energy metabolism profile of the effects of amino acid treatment on hepatocytes: Phenylalanine and phenylpyruvate inhibit glycolysis of hepatocytes	Nutrition	82:111042	10.1016/j.nut.2020.111042	○					
2020	吉澤 佐藤	Yoriko Sato, Hayato Tate, Fumiaki Yoshizawa, Yusuke Sato	Data on the proliferation and differentiation of C2C12 myoblast treated with branched-chain ketoacid dehydrogenase kinase inhibitor	Data in Brief	31:105766	10.1016/j.dib.2020.105766	○					
2020	吉澤 佐藤	Reiko Suzuki, Yoriko Sato, Kodwo Amuzuah Obeng, Daisuke Suzuki, Yusuke Komiya, Shin-ichi Adachi, Fumiaki Yoshizawa, Yusuke Sato	Energy metabolism profile of the effects of amino acid treatment on skeletal muscle cells: Leucine inhibits glycolysis of myotubes	Nutrition	77:110794	10.1016/j.nut.2020.110794	○					
2019	逢沢	T Nagamitsu, H Shimizu, M Aizawa, A Nakanishi	An admixture of <i>Quercus dentata</i> in the coastal ecotype of <i>Q. mongolica</i> var. <i>crispula</i> in northern Hokkaido and genetic and environmental effects on their traits	Journal of Plant Research	132(2):211-222	10.1007/s10265-018-01079-2	○					
2019	逢沢	Kaori Morishima, Mineaki Aizawa	Nuclear microsatellite and mitochondrial DNA analyses reveal the regional genetic structure and phylogeographical history of a sanguivorous land leech, <i>Haemadipsa japonica</i> , in Japan	Ecology and Evolution	9:9:5392-5406	10.1002/ece3.5132	○					
2019	安達 近藤 佐藤 吉澤 矢ヶ崎	Adachi SI, Kondo S, Sato Y, Yoshizawa F, Yagasaki K	Anti-hyperuricemic effect of isorhamnetin in cultured hepatocytes and model mice: structure-activity relationships of methylquercetins as inhibitors of uric acid production	Cytotechnology	71 (1):181-192	10.1007/s10616-018-0275-8	○		○			
2019	近藤 矢ヶ崎	矢ヶ崎一三, 近藤真司	ファイトケミカルと糖尿病 (解説)	食と医療	8:30-37		○		○			
2019	安達 矢ヶ崎 二瓶	Sato T, Ikeya Y, Adachi SI, Yagasaki K, Nihei KI, Itoh N	Extraction of strawberry leaves with supercritical carbon dioxide and entrainers: Antioxidant capacity, total phenolic content, and inhibitory effect on uric acid production of the extract	Food Bioproducts Processing	117:160-169	10.1016/j.fbp.2019.07.003			○			

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2019	飯郷	Fukata Y, Iigo M	The complete mitochondrial genome of freshwater mussel <i>Nodularia douglasiae</i> (Unionidae) from Lake Kasumigaura, Japan, and its phylogenetic analysis	Mitochondrial DNA Part B	4:3488-3489	10.1080/23802359.2019.1674738	○					
2019	飯塚	Wang W, Hanai Y, Takenaka C, Tomioka R, Iizuka K	Translocation of cesium in the branches of Japanese cedar (<i>Cryptomeria japonica</i>) and Konara oak (<i>Quercus serrata</i>)	Journal of Radioanalytical and Nuclear Chemistry	323:959-964	10.1007/s10967-019-06996-7						○
2019	岡本	Fujioka H, Samejima H, Mizutani M, Okamoto M, Sugimoto Y	How does <i>Striga hermonthica</i> Bewitch its hosts?	Plant Signaling & Behavior	14(7):1605810	10.1080/15592324.2019.1605810	○	○		○		
2019	岡本	Mega R, Tsujimoto H, Okamoto M	Genetic manipulation of abscisic acid receptors enables modulation of water use efficiency	Plant Signaling & Behavior	14(10):e1642039	10.1080/15592324.2019.1642039	○	○		○		
2019	岡本	Vaidya AS, Helander JDM, Peterson FC, Elzinga D, Dejonghe W, Kaundal A, Park SY, Xing Z, Mega R, Takeuchi J, Khanderahoo B, Bishay S, Volkman BF, Todoroki Y, Okamoto M, Cutler SR	Dynamic control of plant water use using designed ABA receptor agonists	Science	366:6464 (aaw8848)	10.1126/science.aaw8848	○	○		○		
2019	岡本	Ryosuke Mega, Fumitaka Abe, June-Sik Kim, Yuuri Tsuboi, Keisuke Tanaka, Hisato Kobayashi, Yoichi Sakata, Kousuke Hanada, Hisashi Tsujimoto, Jun Kikuchi, Sean R. Cutler & Masanori Okamoto	Tuning water-use efficiency and drought tolerance in wheat using abscisic acid receptors	Nature Plants	5:153-159	10.1038/s41477-019-0361-8	○	○				
2019	岡本	Hijiri Fujioka, Hiroaki Samejima, Hideyuki Suzuki, Masaharu Mizutani, Masanori Okamoto & Yukihiro Sugimoto	Aberrant protein phosphatase 2C leads to abscisic acid insensitivity and high transpiration in parasitic <i>Striga</i>	Nature Plants	5:258-262	10.1038/s41477-019-0362-7	○	○				
2019	児玉	児玉豊	植物はどうやって温度を感じるのか	生物工学会誌	97:352		○					
2019	児玉	児玉豊	葉緑体の寒冷逃避反応	植物の生長調節	54:44-48		○					
2019	児玉	児玉豊	タイムゲート法：植物における蛍光バイオイメージングの技術革新	OplusE	41:401-403		○					
2019	児玉	Midorikawa K, Kodama Y, Numata K	Vacuum/Compression Infiltration-mediated Permeation Pathway of a Peptide-pDNA Complex as a Non-Viral Carrier for Gene Delivery in Planta	Scientific Reports	0.563194444	10.1038/s41598-018-36466-1	○					
2019	児玉	Mio Hikawa, Kazuyo Nishizawa, Yutaka Kodama	Prediction of prospective leaf morphology in lettuce based on intracellular chloroplast position	Scientia Horticulturae	251:20-24	10.1016/j.scienta.2019.02.080	○					
2019	児玉 松田	Shinotsuka R, Oba T, Mitome T, Masuya T, Ito S, Murakami Y, Kagenishi T, Kodama Y, Matsuda M, Yoshida T, Wakamori M, Ohkura M & Nakai J	Synthesis of quinolyl-pyrrole derivatives as novel environment-sensitive fluorescent probes	Journal of Photochemistry and Photobiology A: Chemistry	382:111900	10.1016/j.jphotochem.2019.11.1900	○					
2019	児玉	Momoko Sakata, Shun Kimura, Yuta Fujii, Takamasa Sakai, Yutaka Kodama	Relationship between relocation of phototropin to the chloroplast periphery and the initiation of chloroplast movement in <i>Marchantia polymorpha</i>	Plant Direct	3:8:e00160	10.1002/pld3.160	○					
2019	謝 鈴木 児玉	Hamashima N, Xie X, Hikawa M, Suzuki T & Kodama Y	A gain-of-function T-DNA insertion mutant of <i>Marchantia polymorpha</i> hyper-accumulates flavonoid riccionidin A	Plant Biotechnology	36(3):201-204	10.5511/plantbiotechnology.19.0722a	○					
2019	謝 諸星	Morohoshi T, Ogasawara Y, Xie X, Hamamoto H, Someya N	Genetic and biochemical diversity for N-acylhomoserine lactone biosynthesis in the plant pathogen <i>Pectobacterium carotovorum</i> Subsp. <i>Carotovorum</i>	Microbes Environ	34(4):429-435	10.1264/jsme2.ME19105		○				
2019	謝 野村	Yoneyama K, Xie X, Yoneyama K, Nomura T, Takahashi I, Asami T, Mori N, Akiyama K, Kusajima M, Nakashita H	Regulation of biosynthesis, perception, and functions of strigolactones for promoting arbuscular mycorrhizal symbiosis and managing root parasitic weeds	Pest Manag. Sci	75(9):2353-2359	10.1002/ps.5401		○				
2019	謝 野村	Xiaonan Xie, Narumi Mori, Kaori Yoneyama, Takahito Nomura, Kenichi Uchida, Koichi Yoneyama, Kohki Akiyama	Lotuslactone, a non-canonical strigolactone from <i>Lotus japonicus</i>	Phytochemistry	157:200-205	10.1016/j.phytochem.2018.10.034.		○				
2019	謝 諸星	T Morohoshi, X Xie and T Ikeda.	N-Acylhomoserine lactone-mediated quorum sensing regulates biofilm structure in <i>Methylobacterium populi</i> P-1M, an isolate from a pink-pigmented household biofilm	Biosci Biotech Biochem	83:174-180	10.1080/09168451.2018.1518701	○	○				

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2019	鈴木	Maejima Y, Iino T, Muraguchi Y, Fukuda K, Ohkuma M, Suzuki T, Moriuchi R, Dohra H, Kimbara K, Shintani M.	<i>Chryseotala sanaruensis</i> gen. nov., sp. nov., a member of the family <i>Cytophagaceae</i> , isolated from a brackish lake in Hamamatsu Japan	Current Microbiology	4:3504-3506	10.1007/s00284-019-01823-4	○					
2019	鈴木	Nakatsuka T, Suzuki T, Harada K, Kobayashi Y, Dohra H, Ohno H	Floral organ- and temperature-dependent regulation of anthocyanin biosynthesis in <i>Cymbidium</i> hybrid flowers	Plant Science	287:110173	10.1016/j.plantsci.2019.110173	○					
2019	鈴木	Takano T, Yamamoto N, Suzuki T, Dohra H, Choi J-H, Terashima Y, Yokoyama K, Kawagishi H, Yano K	Genome sequence analysis of the fairy ring-forming fungus <i>Lepista sordida</i> and gene candidates for interaction with plants	Scientific Reports	9:5888	10.1038/s41598-019-42231-9	○					
2019	鈴木 諸星	Sakuraoka R, Suzuki T, Mohrohoshi T	Distribution and Genetic Diversity of Genes Involved in Quorum Sensing and Prodigiosin Biosynthesis in the Complete Genome Sequences of <i>Serratia marcescens</i>	Genome Biology and Evolution	11(3):931-936	10.1093/gbe/evz046	○					
2019	鈴木 松田	Ono A, Suzuki T, Gotoh S, Kono H, Matsui M, Aoki D, Matsuda M, Kawagishi H, Ogata M	Structural investigation of a-L-fucosidase from the pancreas of <i>Patiria pectinifera</i> , based on molecular cloning	Carbohydrate Research	475:27-33	10.1016/j.carres.2019.02.001	○					
2019	鈴木 石栗 横田	Agnestisia R, Ono A, Nakamura L, Chino R, Nodera K, Aiso-Sanada H, Nezu I, Ishiguri F, Suzuki T, Yokota S	The complete mitochondrial genome sequence of the edible mushroom <i>Stropharia rugosoannulata</i> (Strophariaceae, Basidiomycota)	Mitochondrial DNA Part B	4(1):570-572	10.1080/23802359.2018.1558120	○					
2019	鈴木	Suzuki Y, Suzuki T, Awai K, Shioi Y	Isolation and characterization of a tandem-repeated cysteine protease from the symbiotic dinoflagellate <i>Symbiodinium</i> sp. K88	PLoS One	14:e0211534	10.1371/journal.pone.0211534	○					
2019	鈴木	窪田敏和, 鈴木智大, 金野尚武, 二宮尚	蛍光色素ローダミンBを用いたシイタケ子実体生長過程における水分経路の可視化	日本きのこ学会誌	26:164-168	10.24465/msb.26.4_164	○					
2019	鈴木 黒倉 飯郷 羽生 金野	Tanaka Y, Suzuki T, Nakamura L, Nakamura M, Ebihara S, Kurokura T, Iigo M, Dohra H, Habu N, Konno N	A GH family 28 endo-polygalacturonase from the brown-rot fungus <i>Fomitopsis palustris</i> : purification, gene cloning, enzymatic characterization and effects of oxalate	International Journal of Biological Macromolecules	123:108-116	10.1016/j.ijbiomac.2018.11.004	○					
2019	鈴木 金野 二宮	窪田敏和, 鈴木智大, 金野尚武, 二宮尚	蛍光色素ローダミンBを用いたシイタケ子実体生長過程における水分経路の可視化	日本きのこ学会誌	26(4):164-168	10.24465/msb.26.4_164	○					
2019	鈴木 煉谷 西川 夏秋	Fariha Wilisiani, Takaaki Mashiko, Wei-Qin Wang, Tomohiro Suzuki, Sedyo Hartono, Yutaro Neriya, Hisashi Nishigawa & Tomohide Natsuaki	New recombinant of <i>Tomato leaf curl New Delhi virus</i> infecting melon in Indonesia	Journal of General Plant Pathology, in press	85:306-310	10.1007/s10327-019-00849-7	○					
2019	園田	Mikawa Y, Ishii H, Nagayoshi A, Sonoda S	PCR-based species identification applied in Japanese pear orchards to survey seasonal proportion changes of phytoseiid mite species	Applied Entomology and Zoology	54(1):1-7	10.1007/s13355-018-0595-3	○					
2019	二瓶	Ishioka Wakana, Oonuki Sayaka, Iwadate Takehiro, Nihei Ken-ichi	Resorcinol alkyl glucosides as potent tyrosinase inhibitors	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	29:2:313-316	10.1016/j.bmcl.2018.11.029		○				
2019	二瓶	Tanaka Yuri, Suzuki Marina, Kodachi Yuka, Nihei Ken-ichi	Molecular design of potent, hydrophilic tyrosinase inhibitors based on the natural dihydroxyresveratrol skeleton	CARBOHYDRATE RESEARCH	472:42-49	10.1016/j.carres.2018.11.006		○				
2019	二瓶	Nana Asebi, Ken-ichi Nihei	Total synthesis of apios isoflavones and investigation of their tyrosinase inhibitory activity	Tetrahedron	75:130589	10.1016/j.tet.2019.130589		○	○			
2019	二瓶	Ken-ichi Nihei, Isao Kubo	Benzonitriles as tyrosinase inhibitors with hyperbolic inhibition manner	International Journal of Biological Macromolecules	133:929-932	10.1016/j.ijbiomac.2019.04.156		○	○			
2019	煉谷 西川 夏秋	Satomi Abe, Yutaro Neriya, Kengo Noguchi, Sedyo Hartono, Sri Sulandari, Susanto Somowiyarjo, Asad Ali, Hisashi Nishigawa & Tomohide Natsuaki	First report of the complete genomic sequences from Indonesian isolates of bamboo mosaic virus and detection of genomic recombination events	Journal of General Plant Pathology	85:306-310158-161	10.1007/s10327-018-0830-3		○				
2019	煉谷 西川 夏秋	Fariha Wilisiani, Yutaro Neriya, Mai Tagami, Misaki Kaneko, Sedyo Hartono, Hisashi Nishigawa, Tomohide Natsuaki	Complete genome sequence of <i>Tomato leaf curl New Delhi virus</i> from luffa in Indonesia	Microbiology Research Announcement	2019 8 (15): e01605-18	10.1128/MRA.01605-18		○				

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2019	野村 米山	Yoshida S, Kim S, Wafula E.K, Tanskanen J, Kim Y, Honaas L, Yang Z, Spallek T, Conn C.E, Ichihashi Y, Cheong K, Cui S, Der J.P, Gundlach H, Jiao Y, Hori C, Ishida J.K, Kasahara H, Kiba T, Kim M, Koo N, Laohavisit A, Lee Y, Lumba S, McCourt P, Mortimer J.C, Mutuku J.M, Nomura T, Sasaki-Sekimoto Y, Seto Y, Wang Y, Wakatake T, Sakakibara H, Demura T, Yamaguchi S, Yoneyama K, Manabe R, Nelson D.C, Schulman A.H, Timko M.P, Pamphills C.W, Choi D, Shirasu K	Genome sequence of <i>Striga asiatica</i> provides insight into the evolution of plant parasitism	Current Biology	29:3041-3052	10.1016/j.cub.2019.07.086		○		○		
2019	福井 松本	Chuangqiang Zhang, Nanako Suzuki, Hiromichi Matsumoto, Motoharu Miyamura, Hideki Tsuchiya, Seizo Hamano, Hiroshi Makino, Masanori Ochi, Midori Yoshizawa and Emiko Fukui	BRCA1 Expression on Bovine Pre-implantation Embryos Produced by In Vitro Fertilization	Journal Mammalian Ova Research	36(1):61-67		○		○			
2019	前田	Arashida H, Kugenuma T, Watanabe M and Maeda I	Nitrogen fixation in <i>Rhodospseudomonas palustris</i> co-cultured with <i>Bacillus subtilis</i> in the presence of air	J Biosci Bioeng	127:589-593	10.1016/j.jbiosc.2018.10.010	○					
2019	松田 大谷 ヘーガ ン	Shuhei Shibata, Wataru Takano, Nathan Hagen, Masaru Matsuda, and Yukitoshi Otani	Video-rate quantitative phase analysis by a DIC microscope using a polarization camera	Biomedical optics express	10(3):1273-1281	10.1364/BOE.10.001273	○				○	
2019	水重 蕪山	Mizushige T, Nogimura D, Nagai A, Mitsuhashi H, Taga Y, Kusubata M, Hattori S, Kabuyama Y	Ginger-Degraded Collagen Hydrolysate Exhibits Antidepressant Activity in Mice	J Nutr Sci Vitaminol	65(3):251-257	10.3177/jnsv.65.251	○		○			
2019	宮川 早崎	Sunayama K, Miyakawa H, Hayasaki Y	Size measurement of <i>Daphnia pulex</i> using low-coherence Gabor digital holography	Optical Review	26(6):693-698	10.1007/s10043-019-00558-8	○					
2019	宮川	Ema M, Okada T, Takahashi M, Uchiyama M, Kubo H, Moriyama H, Miyakawa H, Matsumoto M	A self-marker-like protein governs hemocyte allorecognition in <i>Halocynthia roretzi</i>	Zoological Letters	5(1):34	10.1186/s40851-019-0149-8	○					
2019	諸星	T Morohoshi, Y Kamimura, N Sato and T Iizumi.	Distribution and characterization of N-acylhomoserine lactone (AHL)-degrading activity and AHL lactonase gene (qsdS) in <i>Sphingopyxis</i>	J Biosci Bioeng	127:411-417	10.1016/j.jbiosc.2018.10.005	○					
2019	矢ヶ崎	Yagasaki K	Phytochemicals, Their Intestinal Metabolites, and Skeletal Muscle Function	Nutrition and Skeletal Muscle	401-418	10.1016/B978-0-12-810422-4.00025-7	○		○			
2019	矢ヶ崎	矢ヶ崎一三 (編集: 板倉弘重, 近藤和雄)	がんにかかわる食品成分	分子栄養学—科学的根拠に基づく食理学—	II (16)				○			
2019	山根	Evelyn Villanueva, Nozomi Fujibayashi-Yohii, Suguru Matsuzaki, Kazuki Yamazaki, Chairat Burana, Kenji Yamane	Effects of trehalose and sucrose on the vase life and physiology of cut astilbe (<i>Astilbe × arendsii</i> Arends) flowers	Horticulture Journal	88:2:276-283	10.2503/hortj.UTD-031	○			○		
2018	逢沢 大久保	岡崎千聖, 逢沢峰昭, 森嶋佳織, 福沢朋子, 大久保達弘	群馬県のナラ枯れを起こしたカンノナガキイムシは在来か近年移入の個体群か—遺伝解析に基づく検証	日本森林学会誌	100: 116-123	10.4005/jjfs.100.116	○					
2018	逢沢	Aizawa Mineaki, Maekawa Kaya, Mochizuki Hiroko, Saito Hideyuki, Harada Ko	Unveiling the origin of <i>Quercus serrata</i> subsp <i>mongolicoides</i> found in Honshu, Japan, by using genetic and morphological analyses	PLANT SPECIES BIOLOGY	33:3:174-190	10.1111/1442-1984.12207	○					
2018	逢沢	Aizawa Mineaki, Iwaizumi Masakazu G., Yoshimaru Hiroshi, Goto Susumu	Identification of the Parental Species of a Putative Hybrid Spruce <i>Picea x notha</i> Using DNA Markers with Contrasting Modes of Inheritance	ACTA PHYTOTAXONOMICA ET GEOBOTANICA	69:1:11-19	10.18942/apg.201712	○					
2018	飯郷 黒倉	Takamitsu Waki, Masaharu Kodama, Midori Akutsu, Kiyoshi Namai, Masayuki Iigo, Takeshi Kurokura, Toshiya Yamamoto, Kenji Nashima, Masayoshi Nakayama, Masafumi Yagi	Development of DNA Markers Linked to Double-Flower and Hortensia Traits in <i>Hydrangea macrophylla</i> (Thunb.) Ser.	HORTICULTURE JOURNAL	87: 2: 264-273	10.2503/hortj.OKD-096	○					
2018	飯塚 石栗 逢沢 大久保 横田	Iizuka K, Toya N, Ohshima J, Ishguri F, Miyamoto N, Aizawa M, Ohkubo t, Takenaka C, Yokota S	Relationship between ¹³⁷ Cs concentration and potassium content in stem wood of Japanese cedar (<i>Cryptomeria japonica</i>)	Journal of Wood Science	64:1:59-64	10.1007/s10086-017-1673-9						○

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2018	芋川	Takao Niwano, Shuko Terazawa, Hiroaki Nakajima, Genji Imokawa	The Stem Cell Factor-Stimulated Melanogenesis in Human Melanocytes Can Be Abrogated by Interrupting the Phosphorylation of MSK1: Evidence for Involvement of the p38/MSK1/CREB/MITF Axis	Arch Dermatol Res	310(3):187-196	10.1007/s00403-018-1816-x	○					
2018	芋川	Wu Shiyong, Imokawa Genji	To be or not to be Photopigmented, that is the Question: An Introduction to the Special Issue dedicated to Photopigmentation and Melanoma	PHOTOCHEMISTRY AND PHOTOBIOLOGY	94:3:407-408	10.1111/php.12933	○					
2018	芋川	Nojiri Hiroshi, Ishida Koichi, Yao Xueqiu, Liu Wei, Imokawa Genji	Amelioration of lactic acid sensations in sensitive skin by stimulating the barrier function and improving the ceramide profile	ARCHIVES OF DERMATOLOGICAL RESEARCH	310:6:495-504	10.1007/s00403-018-1833-9	○					
2018	芋川	Takeda Shogo, Shimoda Hiroshi, Takarada Toru, Imokawa, Genji	Strawberry seed extract and its major component, tiliroside, promote ceramide synthesis in the stratum corneum of human epidermal equivalents	PLOS ONE	13:10	10.1371/journal.pone.0205061	○					
2018	大久保	Yoschenko Vasyil, Ohkubo Tatsuhiro, Kashparov Valery	Radioactive contaminated forests in Fukushima and Chernobyl	JOURNAL OF FOREST RESEARCH	23:1:3-14	10.1080/13416979.2017.1356681						○
2018	大久保	Ohkubo Tatsuhiro, Kaneko Nobuhiro, Kaneko Shinji, Miura Satoru, Okada Naoki	Radiocesium dynamics in forest ecosystems after the Fukushima Nuclear Power Plant accident: experiences during the initial five years	JOURNAL OF FOREST RESEARCH	23:1:1-2	10.1080/13416979.2018.1429733						○
2018	大西	Takeshi Takamatsu, Marouane Baslam, Takuya Inomata, Kazusato Oikawa, Kimiko Itoh, Takayuki Ohnishi, Tetsu Kinoshita, Toshiaki Mitsui	Optimized Method of Extracting Rice Chloroplast DNA for High-Quality Plastome Resequencing and <i>de Novo</i> Assembly	FRONTIERS IN PLANT SCIENCE	9	10.3389/fpls.2018.00266	○					
2018	大西	Fujita Yoshiaki, Sunaga Keita, Shim Su-Hyeun, Yamada Wataru, Ohnishi Takayuki	Production of a desirable <i>Brassica oleracea</i> CMS line using an alloplasmic <i>Brapa</i> CMS line carrying <i>Diplotaxis erucoideis</i> cytoplasm as a bridge plant	PLANT BREEDING	137:2:162-170	10.1111/pbr.12565	○					
2018	岡本	Jun Takeuchi, Naoki Mimura, Masanori Okamoto, Shunsuke Yajima, Masayuki Sue, Tomonori Akiyama, Keina Monda, Koh Iba, Toshiyuki Ohnishi, Yasushi Todoroki	Structure-Based Chemical Design of Abscisic Acid Antagonists That Block PYL-PP2C Receptor Interactions	ACS chemical biology	13:5:1313-1321	10.1021/acscchembio.8b00105	○	○				
2018	岡本	Kentaro Nakaminami, Masanori Okamoto, Mieko Higuchi-Takeuchi, Takeshi Yoshizumi, Yube Yamaguchi, Yoichiro Fukao, Minami Shimizu, Chihiro Ohashi, Maho Tanaka, Minami Matsui, Kazuo Shinozaki, Motoaki Seki, and Kousuke Hanada	AtPep3 is a hormone-like peptide that plays a role in the salinity stress tolerance of plants	Proc. Natl. Acad. Sci. USA.	115 (22):5810-5815	10.1073/pnas.1719491115		○				
2018	岡本	Wim Dejonghe, Masanori Okamoto, Sean R Cutler	Small Molecule Probes of ABA Biosynthesis and Signaling	Plant Cell Physiology	59, 8, 1490-1499	10.1093/pcp/pcy126		○				
2018	川崎	Kawasaki H, Asaithambi Manickam, Rima Shahin, Ote M, Iwanaga M	Expression of matrix metalloproteinase genes during basement membrane degradation in the metamorphosis of <i>Bombyx mori</i>	Gene	638:26-35	10.1016/j.gene.2017.09.031			○			
2018	川崎 岩永	Kawasaki Hideki, Manickam Asaithambi, Shahin Rima, Ote Manabu, Iwanaga Masashi	Expression of matrix metalloproteinase genes during basement membrane degradation in the metamorphosis of <i>Bombyx mori</i>	GENE	638 : 26-35	10.1016/j.gene.2017.09.031	○					
2018	児玉	児玉豊	植物が温度を感じる仕組み~ようやく発見! 植物の温度センサー分子~	化学と生物	57:21-28		○					
2018	児玉	沼田圭司、土屋康佑、児玉豊	オルガネラ反応クラスターが切り拓くバイオマス社会	植物の生長調節	53:80-83		○					
2018	鈴木 児玉	Tanaka H, Suzuki R, Okabe N, Suzuki T, Kodama Y	Salinity stress-responsive transcription factors in the liverwort <i>Marchantia polymorpha</i>	Plant Biotechnology	35(3):281-284	10.5511/plantbiotechnology.18.0501a	○					
2018	児玉	Konno R, Tanaka H, Kodama Y	SKLPT imaging: efficient in vivo pre-evaluation of genome-editing modules using fluorescent protein with peroxisome targeting signal	Biochemical and Biophysical Research Communications	503(1):235-241	10.1016/j.bbrc.2018.06.008	○					
2018	児玉	Tsuboyama S & Kodama Y	Highly Efficient G-AgarTrap-mediated transformation of the <i>Marchantia polymorpha</i> model strains Tak-1 and Tak-2	Plant Biotechnology	35(4):399-403	10.5511/plantbiotechnology.18.0917a	○					

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2018	児玉	Tsuboyama Shoko, Kodama Yutaka	AgarTrap Protocols on your Benchtop: Simple Methods for <i>Agrobacterium</i> -mediated Genetic Transformation of the Liverwort <i>Marchantia polymorpha</i>	PLANT BIOTECHNOLOGY	35:293-99	10.5511/plantbiotechnology.18.0312b	○					
2018	児玉	Fujii Yuta, Yoshimura Ayaka, Kodama Yutaka	A novel orange-colored bimolecular fluorescence complementation (BiFC) assay using monomeric Kusabira-Orange protein	BIOTECHNIQUES	64:4:153-161	10.2144/btn-2017-0121	○					
2018	児玉	Yoshizumi Takeshi, Oikawa Kazusato, Chuah Jo-Ann, Kodama Yutaka, Numata Keiji	Selective Gene Delivery for Integrating Exogenous DNA into Plastid and Mitochondrial Genomes Using Peptide-DNA Complexes	BIOMACROMOLECULES	19:5:1582-1591	10.1021/acs.biomac.8b00323	○					
2018	児玉	Fujii Yuta, Kodama Yutaka	Refinements to light sources used to analyze the chloroplast cold-avoidance response over the past century	PLANT SIGNALING & BEHAVIOR	e1411452	10.1080/15592324.2017.1411452	○					
2018	児玉	Shoko Tsuboyama, Satoko Nonaka, Hiroshi Ezura & Yutaka Kodama	Improved G-AgarTrap: A highly efficient transformation method for intact gemmalings of the liverwort <i>Marchantia polymorpha</i>	Scientific Reports	8:10800(2018)	10.1038/s41598-018-28947-0	○					
2018	金野	Takahashi H, Kikuchi-Fujisaki S, Yoshida C, Yamada H, Yamashita T, Konno N, Takeda T	Gtgen3A, a novel plant GH3 β -glucosidase, modulates gentio-oligosaccharide metabolism in <i>Gentiana</i>	Biochemical Journal	475(7):1309-1322	10.1042/BCJ20170866	○	○				
2018	佐藤	Sato Yusuke, Ohtsubo Hideaki, Nihei Naohiro, Kaneko Takane, Sato Yoriko	Apobec2 deficiency causes mitochondrial defects and mitophagy in skeletal muscle	FASEB JOURNAL	32:3:1428-1439	10.1096/fj.201700493R	○					
2018	佐藤 吉澤	Yoriko Sato, Yusuke Sato, Kodwo Amuzuah Obeng, Fumiaki Yoshizawa	Acute oral administration of L-leucine up-regulates slow-fiber and mitochondria-related genes in skeletal muscle of rats	Nutrition Research	57:36-44	10.1016/j.nutres.2018.05.006	○		○			
2018	佐藤 吉澤	Yoriko Sato, Yusuke Sato, Reiko Suzuki, Kodwo Obeng, Fumiaki Yoshizawa	Leucyl-tRNA synthetase is required for the myogenic differentiation of C2C12 myoblasts, but not for hypertrophy or metabolic alteration of myotubes	Experimental Cell Research	364(2):184-190	10.1016/j.yexcr.2018.02.002	○					
2018	謝	Huwei Sun, Jinyuan Tao, Yang Bi, Mengmeng Hou, Jiajing Lou, Xinni Chen, Xuhong Zhang, Le Luo, Xiaonan Xie, Koichi Yoneyama, Quanzhi Zhao, Guohua Xu & Yali Zhang	<i>OsPIN1b</i> is Involved in Rice Seminal Root Elongation by Regulating Root Apical Meristem Activity in Response to Low Nitrogen and Phosphate	Scientific Reports	8 : 13014 (2018)	10.1038/s41598-018-29784-x		○				
2018	謝 野村	Koichi Yoneyama, Xiaonan Xie, Kaori Yoneyama, Takaya Kisugi, Takahito Nomura, Yoshifumi Nakatani, Kohki Akiyama, Christopher S P McErlean	Which are the major players, canonical or non-canonical strigolactones?	Journal of Experimental Botany	69:9:2231-2239	10.1093/jxb/ery090		○				
2018	鈴木 諸星	Tomohiro Morohoshi, Taishiro Oi, Haruna Aiso, Tomohiro Suzuki, Tetsuo Okura, Shunsuke Sato	Biofilm formation and degradation of commercially available biodegradable plastic films by bacterial consortium in freshwater environments	Microbes and Environments	33(3):332-335	10.1264/jsme2.ME18033	○					
2018	鈴木	Yamamoto N, Garcia R, Suzuki T, Solis C. A, Tada Y, Venuprasad R, Kohli A	Comparative whole genome re-sequencing analysis in upland New Rice for Africa: insights into the breeding history and respective genome compositions	Rice	11:33	10.1186/s12284-018-0224-3	○					
2018	鈴木 逢沢	Morishima K, Suzuki T, Aizawa M	Characterization of 13 polymorphic microsatellite loci in the Japanese land leech	Parasitology International	67(1):13-15	10.1016/j.parint.2017.10.002	○					
2018	園田	Aizawa M, Nakai K, Kikuchi T, Kumano A, tamagaki K, Sonoda S	A simple method for monitoring cypermethrin resistance in <i>Thrips tabaci</i> (Thysanoptera: Thripidae) using agar-coated glass pipettes	Applied Entomology and Zoology	53:165-170	10.1007/s13355-017-0541-9	○					
2018	園田	Aizawa M, Watanabe T, Kumano A, Tamagaki K, Sonoda S	Biotic performances of thelytokous and arrhenotokous strains showing resistance to cypermethrin in <i>Thrips tabaci</i> (Thysanoptera: Thripidae)	Applied Entomology and Zoology	53:11-17	10.1007/s13355-017-0522-z	○					
2018	長尾	Hara A, Abe T, Hirao A, Sanbe K, Ayakawa H, Borjigin SARANTONGLAGA, Yamaguchi M, Sato A, Atchalalt KHURCHABILIG, Ogata K, Fukumori R, Sugita S, Nagao Y	Histochemical properties of bovine and ovine mammary glands during fetal development	Journal of Veterinary Medical Science	80(2):263-271	10.1292/jvms.17-0584	○					

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2018	長尾	Sato A, Sarentonglaga B, Ogata K, Yamaguchi M, Hara A, Atchalalt K, Sugane N, Fukumori R, Nagao Y	Effects of insulin-like growth factor-1 on the <i>in vitro</i> maturation of canine oocytes	J Reprod Dev	64:183-88	10.1262/jrd.2017-145	○					
2018	庭野 芋川	Niwano Takao, Terazawa Shuko, Sato Yoriko, Kato Takahiro, Nakajima Hiroaki, Gengi Imokawa	Glucosamine abrogates the stem cell factor plus endothelin-1-induced stimulation of melanogenesis via a deficiency in MITF expression due to the proteolytic degradation of CREB in human melanocytes	ARCHIVES OF DERMATOLOGICAL RESEARCH	310:8:625-637	10.1007/s00403-018-1850-8	○					
2018	庭野 芋川	Niwano Takao, Terazawa Shuko, Nakajima Hiroaki, Imokawa Genji	The stem cell factor-stimulated melanogenesis in human melanocytes can be abrogated by interrupting the phosphorylation of MSK1: evidence for involvement of the p38/MSK1/CREB/MITF axis	ARCHIVES OF DERMATOLOGICAL RESEARCH	310:3:187-196	10.1007/s00403-018-1816-x	○					
2018	米山 謝 野村	Yoneyama K, Xie X, Yoneyama K, Kisugi T, Nomura T, Nakatani Y, Akiyama K, Christopher S P McErlean	Which are the Major Players, Canonical or Non-Canonical Strigolactones?	Journal of Experimental Botany	69:9:2231-2239	10.1093/jxb/ery090		○		○		
2018	野村	Norma Fábregas, Fidel Lozano-Elena, David Blasco-Escámez, Takayuki Tohge, Cristina Martínez-Andújar, Alfonso Albacete, Sonia Osorio, Mariana Bustamante, José Luis Riechmann, Takahito Nomura, Takao Yokota, Ana Conesa, Francisco Pérez Alfocea, Alisdair R. Fernie & Ana I. Caño-Delgado	Overexpression of the vascular brassinosteroid receptor BRL3 confers drought resistance without penalizing plant growth	NATURE COMMUNICATIONS	1:9:4680	10.1038/s41467-018-06861-3		○				
2018	謝 岡本 岩永 米山 野村	Yoneyama K, Mori N, Stao T, Yoda A, Xie X, Okamoto M, Iwanaga M, Ohnishi T, Nishiwaki H, Asami T, Yokota T, Akiyama K, Yoneyama K, Nomura T	Conversion of carlactone to carlactonoic acid is a conserved function of MAX1 homologs in strigolactone biosynthesis	New Phytologist	218:4:1522-1533	10.1111/nph.15055	○	○		○		
2018	福井 松本	Fukui E, Zhang C, Suzuki N, Matsumoto H, Kawanobe A, Sakurai Y, Ooshima T, Muroi S, Kuwahata A, Ochi M, Yoshizawa M	Analysis of a single nucleotide polymorphism in the BRCA1 gene in Holstein cattle and its mRNA expression in the gonads	Journal of Comparative Clinical Medicine	25:1-8		○		○			
2018	福井	Moriyama Y, Yamaura H, J. Ole Becker, Fukui R	Soil biological and physiochemical factors limiting the growth potential of tomato planted in waterlogged volcanic soil	Journal of Plant Nutrition 41	41:17:2151-2169	10.1080/01904167.2018.1482914				○		
2018	福井	Shimizu Y, Sagiya D, Fukui R	Zonal Soil Amendment with Simple Sugars to Elevate Soil C/N Ratios as an Alternative Disease Management Strategy for Rhizoctonia Damping-off of Sugar Beet	Plant Disease 102	102:7	10.1094/PDIS-09-16-1279-RE				○		
2018	燕山 前田	Kusumah D, Kabuyama Y and Maeda I	Promotion of fungal growth, antibacterial and antioxidative activities in tempe produced with soybeans thermally treated using steam pressure	Food Sci Technol Res	24(3):395-402	10.3136/fstr.24.395	○					
2018	水重	Osawa Yoshihiro, Mizushige Takafumi, Jinno Sayuri, Sugihara Fumihito, Inoue Naoki	Absorption and metabolism of orally administered collagen hydrolysates evaluated by the vascularly perfused rat intestine and liver in situ	BIOMEDICAL RESEARCH-TOKYO	39:1:1-11	10.2220/biomedres.39.1			○			
2018	水重 燕山	Osawa Y, Mizushige T, Jinno S, Sugihara F, Inoue N, Tanaka H, Kabuyama Y	Absorption and metabolism of orally administered collagen hydrolysates evaluated by the vascularly perfused rat intestine and liver in situ	Biomed Res	39(1):1-11	10.2220/biomedres.39.1	○		○			
2018	宮川	Takahiro Tanaka, Taisen Iguchi, Hitoshi Miyakawa	Establishment of a high-sensitivity reporter system in mammalian cells for detecting juvenoids using juvenile hormone receptors of <i>Daphnia pulex</i>	Journal of Applied Toxicology	39:2:241-246	10.1002/jat.3713	○					
2018	宮川	Miyakawa H, Watanabe M, Araki M, Ogino Y, Miyagawa S, Iguchi T	Juvenile hormone-independent function of <i>Krüppel homolog 1</i> in early development of water flea <i>Daphnia pulex</i>	Insect Biochemistry and Molecular Biology	93:12-18	10.1016/j.ibmb.2017.12.007	○					
2018	宮川	Miyakawa MO, Tsuchida K, Miyakawa H	The <i>doublesex</i> gene integrates multi-locus complementary sex determination signals in the Japanese ant, <i>Vollenhovia emeryi</i>	Insect Biochemistry and Molecular Biology	94:42-49	10.1016/j.ibmb.2018.01.006	○					

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2018	宮川	Miyakawa H, Sato T, Song Y, Tollefsen KE, Iguchi T	Ecdysteroid and juvenile hormone biosynthesis, receptors and their signaling in the freshwater microcrustacean <i>Daphnia</i>	Journal of Steroid Biochemistry and Molecular Biology, in press	184:62-68	10.1016/j.jsbmb.2017.12.006	○					
2018	諸星	T Morohoshi, K Ogata, T Okura, and S Sato.	Molecular characterization of the bacterial community in biofilm for degradation of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) films in seawater	Microb Environ	33:19-25	10.1264/j sme2.ME17052	○					
2018	矢ヶ崎	Komatsu W, Kishi H, Yagasaki K, Ohhira S	Urolithin A attenuates pro-inflammatory mediator production by suppressing PI3-K/Akt/NF- κ B and JNK/AP-1 signaling pathways in lipopolysaccharide-stimulated RAW264 macrophages: Possible involvement of NADPH oxidase-derived reactive oxygen species	Eur J Pharmacol	833:411-424	10.1016/j.ejphar.2018.06.023			○			
2018	矢ヶ崎	Muller CJF, Malherbe CJ, Chellan N, Yagasaki K, Miura Y, Joubert E	Potential of rooibos, its major C-glucosyl flavonoids, and Z-2-(β -D-glucopyranosyloxy)-3-phenylpropenoic acid in prevention of metabolic syndrome	Crit Rev Food Sci Nutr	58(2):227-246	10.1080/10408398.2016.1157568			○			
2018	矢ヶ崎 安達	矢ヶ崎一三、安達真一	高尿酸血症を抑制するファイトケミカル素材	New Food Industry	60(12): 19-26		○		○			
2018	矢ヶ崎 近藤 安達	矢ヶ崎一三、近藤真司、安達真一	イチゴを含む食品素材中ポリフェノールの糖尿病と高尿酸血症に対する作用	日本ポリフェノール学会雑誌 (The Journal of Japan Polyphenol Society)	7(1), 42-48		○		○			
2018	山根	Inna Martha Rumainum, Kanjana Worarada, Varit Srilang, Kenji Yamane	Fruit quality and antioxidant capacity of six Thai mango cultivars	Agriculture and Natural Resources	52:2:208-214	10.1016/j.anres.2018.06.007				○		
2018	山根	Yamane Kenji, Sumida Kitaro, Terui Yuri, Kojima Nagisa, Burana Chairat	Temperature-dependent Flower Malformation in Carnations (<i>Dianthus caryophyllus</i> L.)	HORTICULTURE JOURNAL	87:3:406-412	10.2503/hortj.OKD-151	○			○		
2018	陽川	Yokawa K, Kagenishi T, Pavlovic A, Gall S, Weiland M	Anaesthetics stop diverse plant organ movements, affect endocytic vesicle recycling and ROS homeostasis, and block action potentials in Venus flytraps	ANNALS OF BOTANY	122:5:747-756	10.1093/aob/mcx155	○					
2018	吉澤	Nobue Kuniyoshi, Yuji Yoshida, Yoshiki Itoh, Shin-Ichi Yokota, Takeshi Kuraishi, Shosaku Hattori, Tomohiro Kondo, Midori Yoshizawa, Chieko Kai, Yasuo Kiso, Ken Takeshi Kusakabe	Morphological analyses of the retinal photoreceptor cells in the nocturnally adapted owl monkeys	JOURNAL OF VETERINARY MEDICAL SCIENCE	80:3:413-420	10.1292/jvms.17-0418			○			
2017	夏秋	Maria Laura Garcia, Elena Dal Bó, John V. da Graça, Selma Gago-Zachert, John Hammond, Pedro Moreno, Tomohide Natsuaki, Vicente Pallás, Jose A. Navarro, Carina A. Reyes, Gabriel Robles Luna, Takahide Sasaya, Ioannis E. Tzanetakis, Anna Maria Vaira, Martin Verbeek	ICTV Virus Taxonomy Profile: <i>Ophioviridae</i>	JOURNAL OF GENERAL VIROLOGY	98:1161-1162	10.1099 / jgv.0.000836	○					
2017	児玉	Ushijima T, Hanada K, Gotoh E, Yamori W, Kodama Y, Tanaka H, Kusano M, Fukushima A, Tokizawa M, Yamamoto YY, Tada Y, Suzuki Y & Matsushita T	Light controls protein localization through phytochrome-mediated alternative promoter selection	Cell	171:1316-1325	10.1016/j.cell.2017.10.018	○					
2017	児玉	Osaki Y & Kodama Y	Particle bombardment and subcellular protein localization analysis in the aquatic plant <i>Egeria densa</i>	PeerJ	5:e3779	10.7717/peerj.3779	○					
2017	児玉	Tanaka H, Sato M, Ogasawara Y, Hamashima N, Buchner O, Holzinger A, Toyooka K & Kodama Y	Chloroplast aggregation during the cold-positioning response in the liverwort <i>Marchantia polymorpha</i>	J Plant Res	130:1061-1070	10.1007/s10265-017-0958-9	○					
2017	児玉	Hoshino S, Takisawa R & Kodama Y	Swarm robotics systems based on collective behavior of chloroplasts	J Robot Mechatron	29:602-612	10.20965/jrm.2017.p0602	○					
2017	児玉	Higa T, Hasegawa S, Hayasaki Y, Kodama Y & Wada M	Temperature-dependent signal transmission in chloroplast accumulation response	J Plant Res	130:1061-1070	10.1007/s10265-017-0938-0	○					
2017	逢沢 大久保	Aizawa M, Enkawa C, Ohkubo T	Fine-scale asexual and sexual reproduction in <i>Quercus crispula</i> var. <i>horikawae</i> , a stunted shrub oak, on a mountain with deep snow in central Japan	Plant Species Biology	32: 323-332	10.1111/1442-1984.12165	○					

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2017	園田	Itagaki Y, Sonoda S	Seasonal proportion change of ryanodine receptor mutation (G4946E) in diamondback moth populations	Journal of Pesticide Science	42:3:116-118	10.1584/jpestics.D17-033	○					
2017	園田	David Wari, 佐藤翼, 山下純, 園田昌司	カブリダニ類(ダニ目:カブリダニ科)の天敵温存植物ヤイトバナ(アカネ科)がモモ園場におけるハダニ類(ダニ目:ハダニ科)の発生に及ぼす影響	日本応用動物昆虫学会誌	61:3:178-183	10.1303/jjaez.2017.178	○					
2017	園田	Sonoda S, Inukai K, Kitabayashi S, Kuwazaki S, Jouraku A	Molecular evaluation of diamide resistance in diamondback moth (Lepidoptera: Yponomeutidae) populations using quantitative sequencing	Applied Entomology and Zoology	52:353-357	10.1007/s13355-017-0482-3	○					
2017	宮川	Miyakawa H, Iguchi T	Comparative luciferase assay for establishing reliable <i>in vitro</i> screening system of juvenile hormone agonists	Journal of Applied Toxicology	37(9):1082-1090	10.1002/jat.3459	○					
2017	鈴木 黒倉 飯郷 羽生 金野	Yuki Tanaka, Tomohiro Suzuki, Takeshi Kurokura, Masayuki Iigo, Fubito Toyama, Naoto Habu, Hideo Dohra & Naotake Konno	The complete genome sequence and phylogenetic analysis of the mitochondrial DNA of the wood-decaying fungus <i>Fomitopsis palustris</i>	Genes & Genomics	39(2):1377-1385	10.1007/s13258-017-0603-y	○	○				
2017	児玉 金野	Fujii Y, Tanaka H, Konno N, Ogasawara Y, Hamashima N, Tamura S, Hasegawa S, Hayasaki Y, Okajima K, Kodama Y	Phototropin perceives temperature based on the lifetime of its photoactivated state	Proceeding of the National Academy of Sciences USA	114(34):9206-9211	10.1073/pnas.1704462114	○	○				
2017	金野	Sakamoto Y, Nakade K, Sato S, Yoshida K, Miyazaki K, Natsume S, Konno N	<i>Lentinula edodes</i> Genome Survey and Postharvest Transcriptome Analysis	Applied and Environmental Microbiology	83:e02990-16	10.1128/AEM.02990-16	○	○				
2017	鈴木 金野 羽生	Suzuki T, Kikuchi M, Konno N, Habu N	Draft Genome Sequence of <i>Brevundimonas</i> sp. Strain SH203, Producing Celluluronate (β -1,4-Linked Polyglucuronate) Lyase	Genome Announcements	5(18):e00262-17	10.1128/genomeA.00262-17	○	○				
2017	高橋	Eroglu S, Giehl RFH, Meier B, Takahashi M, Terada Y, Ignatyev K, Andresen E, Küpper H, Peiter E, von Wirén N	Metal Tolerance Protein 8 Mediates Manganese Homeostasis and Iron Reallocation during Seed Development and Germination	Plant Physiol	174(3):1633-1647	10.1104/pp.16.01646	○					
2017	高橋	Senoura T, Sakashita E, Kobayashi T, Takahashi M, Aung MS, Masuda H, Nakanishi H, Nishizawa NK	The iron-chelate transporter OsYSL9 plays a role in iron distribution in developing rice grains	Plant Mol Biol	95:375-387	10.1007/s11103-017-0656-y	○					
2017	黒倉	Kurokura T, Samad S, Koskela E, Mouhu K, Hytönen T	<i>Fragaria vesca</i> CONSTANS controls photoperiodic flowering and vegetative development	Journal of Experimental Botany	68:17:4839-4850	10.1093/jxb/erx301	○					
2017	黒倉 山根	Kurokura T, Hiraide S, Shimamura Y, Yamane K	PGPR improves yield of strawberry species under less-fertilized conditions	Environmental Control in Biology	55(3):121-128	10.2525/ecb.54.121	○					
2017	黒倉	Samad S, Kurokura T, Koskela E, Toivainen T, Patel V, Mouhu K, Sargent DJ, Hytönen T	Additive QTLs on three chromosomes control flowering time in woodland strawberry (<i>Fragaria vesca</i> L.)	Horticulture Research 4	17020	10.1038/hortres.2017.20	○					
2017	黒倉	Koskela EA, Kurokura T, Toivainen T, Sonstebj A, Heide OM, Sargent DJ, Isobe S, Jaakola L, Hilmarsen H, Elomaa P, Hytönen T	Altered regulation of <i>TERMINAL FLOWER 1</i> causes the unique vernalisation response in an arctic woodland strawberry accession	New Phytologist	216:3:841-853	10.1111/nph.14734	○					
2017	山根	Burana C, Yamane K	Responses of cut <i>Cattleya orchid</i> 'Lc. Spring Climate × Christina' flowers to high carbon dioxide as related to controlled atmosphere	Acta Hort	1167:407-412	10.17660/ActaHortic.2017.1167.59	○					
2017	謝	Trabalsi I, Yoneyama K, Abbasa Z, Amria M, Xie X, Kisugi T, Kim HI, Kharrata M, Yoneyama K	Characterization of strigolactones produced by <i>Orobancha foetida</i> and <i>Orobancha crenata</i> resistant faba bean (<i>Vicia faba</i> L.) genotypes and effects of phosphorous, nitrogen, and potassium deficiencies on strigolactone production	South African Journal of Botany	108:15-22	10.1016/j.sajb.2016.09.009		○		○		
2017	謝 山根	Worarak K, Xie X, Romainum IM, Burana C, Yamane K	Effects of fluridone treatment on seed germination and dormancy-associated gene expression in an ornamental peach (<i>Prunus persica</i> (L.) Batsch)	The Horticulture Journal	86(3):317-326	10.2503/hortj.OKD-043		○				
2017	謝	Yang C, Xu L, Zhang Na, Islam F, Song W, Hu L, Liu D, Xie X, Zhou W	iTRAQ - based proteomics of sunflower cultivars differing in resistance to parasitic weed <i>Orobancha cumana</i>	Proteomics	17:13-17:1700009	10.1002/pmic.201700009		○				

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2017	謝	Pratiwi P, Tanaka G, Takahashi T, Xie X, Yoneyama K, Matsuura H, Takahashi K	Identification of jasmonic acid and jasmonoyl-isoleucine, and characterization of AOS, AOC, OPR and JAR1 in the model lycophyte <i>Selaginella moellendorffii</i>	Plant and Cell Physiology	58:4:789-801	10.1093/pcp/pcx031		○				
2017	謝 諸星	Morohoshi T, Yamaguchi T, Xie X, Wang W, Takeuchi K, Someya N	Complete Genome Sequence of <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i> Reveals a Triplicate Quorum-Sensing Mechanism for Regulation of Phenazine Production	Microbes and Environments	32:1:47-53	10.1264/jisme2.ME16162		○				
2017	謝 吉澤	伊藤和子, 阿久津智美, 渡邊恒夫, 謝 肖男, 小松渡, 吉澤史昭, 宇田 靖	ナス下漬液由来粉末のORAC値およびヒアルロニダーゼ阻害活性に対するナスニンの寄与	日本食品科学工学会誌	64:1:43-49	10.3136/nskkk.64.43		○				
2017	諸星	Morohoshi T, Sato N, Iizumi T, Tanaka A, Ikeda T	Identification and characterization of a novel <i>N</i> -acyl-homoserine lactonase gene in <i>Sphingomonas ursincola</i> isolated from industrial cooling water systems	J. Biosci. Bioeng	123:5:569-575	10.1016/j.jbiosc.2016.12.010	○					
2017	小寺	小寺祐二, 竹田努, 平田慶	栃木県, 茨城県および福島県にまたがる八溝山地域に生息するイノシシの放射性セシウムによる汚染状況の評価	哺乳類科学	57:1:9-18	10.11238/mammaliancience.57.9						○
2017	福井 吉澤 松本	Takeuchi M, Seki M, Furukawa E, Takahashi A, Saito K, Kobayashi M, Ezoe K, Fukui E, Yoshizawa M, Matsumoto H	Improvement of implantation potential in mouse blastocysts derived from IVF by combined treatment with prolactin, epidermal growth factor and 4-hydroxyestradiol	Molecular Human Reproduction	23: 557-570	10.1093/molehr/gax035	○		○			
2017	水重 燕山	Mizushige T, Komiya M, Onda M, Uchida K, Hayamizu K, Kabuyama Y	Fish protein hydrolysate exhibits anti-obesity activity and reduces hypothalamic neuropeptide Y and agouti-related protein mRNA expressions in rats	Biomed Res	38(6):351-357	10.2220/biomedres.38.351	○		○			
2017	川崎	Hai-yan Yan, Mita K, Xia Zhao, Tanaka Y, Moriyama M, Huabin Wang, Iwanaga M, Kawasaki H	The angiotensin-converting enzyme (ACE) gene family of <i>Bombyx mori</i>	Gene	608:58-65	10.1016/j.gene.2017.01.017			○			
2017	二瓶	Nihei K, Kubo I	Substituent Effect of Benzaldehydes on Tyrosinase Inhibition	Plant Physiol. Biochem.	112:278-282	10.1016/j.plaphy.2017.01.009		○				
2017	二瓶	Iwadate T, Nihei K	Chemical Synthesis, Redox Transformation, and Identification of Sonnerphenolic C, an Antioxidant in <i>Acer nikoense</i>	Bioorg. Med. Chem. Lett	27:8:1799-1802	10.1016/j.bmcl.2017.02.054		○				
2017	二瓶	Sato T, Fukuda F, Nihei K, Itoh N	Effect of temperature and pressure on the extraction of strawberry receptacles with a mixture of supercritical carbon dioxide and entrainers	J. Supercrit. Fluids 2017	130:23-29	10.1016/j.supflu.2017.07.011		○				
2017	二瓶	Kazuma K, Ando K, Nihei K, Wang X, Rangel M, Franzolin M. R, Mori-Yasumoto K, Sekita S, Kadowaki M, Satake M, Konno K	Peptidomic Analysis of the Venom of the Solitary Bee <i>Xylocopa appendiculata circumvolans</i>	J. Venom Anim. Toxins incl. Trop. Dis.	23:40	10.1186/s40409-017-0130-y		○				
2017	飯塚	Wang W, Matsushita Y, Aoki D, Fukushima K, Tomioka R, Iizuka K, Takenaka C	Decontamination of Cs from cedar (<i>Cryptomeria japonica</i>) via kraft cooking	J Wood Sci	63:388-395	10.1007/s10086-017-1628-1						○
2017	飯塚	飯塚和也, 大島潤一	宇都宮大学演習林のスギ林におけるCs-137濃度に関するモニタリング	水利科学	61:2:13-25	10.20820/suirikagaku.61.2_13						○
2017	平井	平井英明, 赤羽幾世, 平井雅世	児童を対象とした土に関するアンケート調査の解析からみえた土壌教育の重要性～東京都(板橋区, 府中市)と栃木県(大田原市, 市貝町)の調査データより～	日本土壌肥科学雑誌	88:3:205-212	10.20710/dojo.88.3_205						
2017	野村 岡本	Sano N, Kim J.-S, Onda Y, Nomura T, Mochida K, Okamoto M, Seo M	RNA-Seq using bulked recombinant inbred line populations uncovers the importance of brassinosteroid for seed longevity after priming treatments	Scientific Reports	8095	10.1038/s41598-017-08116-5	○	○		○		
2017	謝 野村	Xie X, Kisugi T, Yoneyama K, Nomura T, Akiyama K, Uchida K, Yokota T, McErlean C.S.P, Yoneyama K	Methyl zealactonate, a novel germination stimulant for root 1 parasitic weeds produced by maize	J. Pestic. Sci	42:2:58-61	10.1584/jpestics.D16-103		○		○		

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2017	野村	Yokota T, Ohnishi T, Shibata K, Asahina M, Nomura T, Fujita T, Ishizaki K, Kohchi T	Occurrence of brassinosteroids in non-flowering land plants, liverwort, moss, lycophyte and fern	Phytochemistry	136: 46-55	10.1016/j.phytochem.2016.12.020		○		○		
2017	鈴木 黒倉 飯郷 羽生 金野	Tanaka Y, Suzuki T, Kurokura T, Iigo M, Fubito T, Habu N, Dohra H, Konno N.	The complete genome sequence and phylogenetic analysis of the mitochondrial DNA of the wood-decaying fungus <i>Fomitopsis palustris</i>	Genes & Genomics	39:1377-1385	10.1007/s13258-017-0603-y	○					
2017	鈴木 山根	Worarad K, Suzuki T, Romainum I, Yamane K	Effects of rinsing and chilling on germination and expression of dormancy-associated genes in seeds of 'Hokimomo' peach (<i>Prunus persica</i> (L.) Batsch)	Acta horticulture	1167:413-418	10.17660/ActaHortic.2017.1167.60	○					
2017	鈴木 奈須野 黒倉	Nasuno E, Suzuki T, Suzuki R, Okano C, Kurokura T, Iimura K, Kato N	Novel Quorum Quenching Enzymes Identified from Draft Genome of <i>Roseomonas</i> sp. TAS13	Genomics Data	12:22-23	10.1016/j.gdata.2017.02.001	○					
2017	鈴木	Ramphul C, Casareto BE, Dohra H, Suzuki T, Yoshimatsu K, Yoshinaga K, Suzuki Y	Genome analysis of three novel lytic <i>Vibrio corallilyticus</i> phages isolated from seawater, Okinawa, Japan	Marine Genomics	35:69-75	10.1016/j.jmargin.2017.06.005	○					
2017	二瓶 吉澤 矢ヶ崎	Adachi S, Nihei K, Ishihara Y, Yoshizawa F, Yagasaki K	Anti-hyperuricemic Effect of Taxifolin in Cultured Hepatocytes and Model Mice	Cytotechnology 2017	69:329-336	10.1007/s10616-016-0061-4	○	○	○			
2017	矢ヶ崎 吉澤	Adachi S, Yoshizawa F, Yagasaki K	Hyperuricemia in type 2 diabetic model KK-Ay/Ta mice: a potent animal model with positive correlation between insulin resistance and plasma high uric acid levels	BMC Res Notes	7:10(1):577	10.1186/s13104-017-2897-x	○		○			
2017	矢ヶ崎	矢ヶ崎一三, 安達真一, 近藤真司	糖尿病・脂質異常症・高尿酸血症と食品素材	FOOD STYLE	21(8):54-59		○		○			
2017	矢ヶ崎	矢ヶ崎一三	キャベツの抗がん作用	食べもの通信	555(5):8-10							
2017	矢ヶ崎 吉澤	Adachi S, Yoshizawa F, Yagasaki K	Assay systems for screening food and natural substances that have anti-hyperuricemic activity: uric acid production in cultured hepatocytes and purine bodies-induced hyperuricemic model mice	Cytotechnology	69:435-442	10.1007/s10616-016-0005-z	○		○			
2017	矢ヶ崎 吉澤	Zhou F, Furuhashi K, Son MJ, Toyozaki M, Yoshizawa F, Miura Y, Yagasaki K	Antidiabetic effect of enterolactone in cultured muscle cells and in type 2 diabetic model db/db mice	Cytotechnology	69(3):493-502	10.1007/s10616-016-9965-2	○		○			
2016	逢沢 飯塚 大久保	逢沢千聡, 逢沢峰昭, 中山ちさ, 飯塚和也, 大久保達弘	那須山系におけるミヤマナラの更新様式	植物地理・分類研究	63:1-8	10.24517/00053583	○					
2016	逢沢 大久保	磯辺山河, 逢沢峰昭, 久本洋子, 軽達 勉, 齋藤央嗣, 中山ちさ, 遠藤良太, 後藤 晋, 大久保達弘	地域絶滅の危惧される関東地方のヒメコマツの遺伝的多様性と交配様式	日本森林学会誌	98:2:65-73	10.4005/jjfs.98.65	○					
2016	逢沢 大久保	Aizawa M, Nakayama C, Ohkubo T	Comparison of fine-scale spatial genetic structure of two sympatric <i>Rhododendron</i> shrub species in forest habitat having different seed weights: A case study	Silvae Genetica	65-2: 39-45	10.1515/sg-2016-0015	○					
2016	青山	佐怒賀琴美・青山真人・杉田昭栄	トラック輸送の経験がヤギの輸送に対する反応に及ぼす影響	日本家畜管理学会誌 応用動物行動学会誌	52(3):123-133	10.20652/abm.52.3_123						○
2016	芋川	Nakajima H, Terazawa S, Niwano T, Yamamoto Y, Imokawa G	The Inhibitory Effects of Anti-Oxidants on Ultraviolet-Induced Up-Regulation of the Wrinkling-Inducing Enzyme Neutral Endopeptidase in Human Fibroblasts	PLoS One	11(9):e0161580	10.1371/journal.pone.0161580	○					
2016	園田	Aizawa M, Watanabe T, Kumano A, Miyatake T, Sonoda S	Cypermethrin resistance and reproductive types in onion thrips, <i>Thrips tabaci</i> (Thysanoptera: Thripidae)	Journal Pesticide Science	41:4:167-170	10.1584/jpestics.D16-049	○					
2016	園田	David Wari, Yamashita J, Kishimoto H, Sonoda S	Utilization of plant food resources by phytoseiid mite species with different feeding habits	Applied Entomology and Zoology	51:539-547	10.1007/s13355-016-0429-0	○					

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2016	園田	Sonoda S, Kataoka Y	Genotyping for the G4946E site of ryanodine receptor gene in <i>Plutella xylostella</i> (Lepidoptera: Yponomeutidae) considering gene duplication	Applied Entomology and Zoology	51:195-204	10.1007/s13355-015-0385-0	○					
2016	金野羽生	金野尚武, 木村英穂, 奥澤里奈, 中村泰隆, 池正和, 林徳子, 小原あゆみ, 坂本裕一, 羽生直人	TEMPO触媒酸化法を用いたシイタケ廃菌床からのセルロースナノファイバー調製	木材保存	42(3):157-164	10.5990/jwpa.42.157	○	○				
2016	山根	Rumainum IM, Worarad K, Yamaki Y, Yamane K	Effects of developmental stages, light, and an auxin polar transport inhibitor on the skin and flesh pigmentation of red-fleshed peach fruit	Hort. J	85:2:141-147	10.2503/hortj.MI-077				○		
2016	鈴木飯郷山根	Kanjana W, Suzuki T, Ishii K, Kozaki T, Iigo M, Yamane K	Transcriptome analysis of seed dormancy after rinsing and chilling in ornamental peaches (<i>Prunus persica</i> (L.) Batsch)	BMC Genomics	17:575	10.1186/s12864-016-2973-y	○			○		
2016	謝諸星	Morohoshi T, Okutsu N, Xie X, Ikeda T	Identification of Quorum-Sensing Signal Molecules and a Biosynthetic Gene in <i>Alicyclophilus</i> sp. Isolated from Activated Sludge	Sensors	16(8):1218	10.3390/s16081218	○	○				
2016	謝	Sun H, Bi Y, Tao J, Huang S, Hou M, Xue R, Liang Z, Gu P, Yoneyama K, Xie X, Shen Q, Xu G, Zhang Y	Strigolactones are required for nitric oxide to induce root elongation in response to nitrogen and phosphate deficiency in rice	Plant Cell & Environment	39:1473-1483	10.1111/pce.12709		○				
2016	諸星	Morohoshi T, Ikeda T	Complete genome sequence of <i>Methylobacterium populi</i> P-1M, isolated from pink-pigmented household biofilm	Genome Announc	4(3):e00458-16	10.1128/genomeA.00458-16	○					
2016	福井吉澤松本	Takahashi A, Rahim A, Takeuchi M, Fukui E, Yoshizawa M, Mukai K, Suematsu M, Hasuwa H, Okabe M, Matsumoto H	Impaired female fertility in tubulointerstitial antigen-like 1-deficient mice	J Reprod Dev	62:1:43-49	10.1262/jrd.2015-109	○		○			
2016	石栗石塚横田	Sunardi, Tanabe J, Ishiguri F, Ohshima J, Iizuka K, Yokota S	Changes in lignocellulolytic enzyme activity during the degradation of <i>Picea jezoensis</i> wood by the white-rot fungus <i>Porodaedalea pini</i>	International Biodeterioration & Biodegradation	110:108-112	10.1016/j.ibiod.2016.02.022	○					
2016	石栗石塚横田	Aiso H, Ishiguri F, Toyoizumi T, Ohshima J, Iizuka K, Priadi D, Yokota S	Anatomical, chemical, and physical characteristics of tension wood in two tropical fast-growing species, <i>Falcataria moluccana</i> and <i>Acacia auriculiformis</i>	Tropics	25:1:33-41	10.3759/tropics.25.33				○		
2016	岩永川崎	Moriyama M, Osanai K, Ohyoshi T, H.-B.Wang, Iwanaga M, Kawasaki H	Ecdysteroid promotes cell cycle progression in the <i>Bombyx</i> wing disc through activation of c-Myc	Insect Biochemistry and Molecular Biology	70:1-9	10.1016/j.ibmb.2015.11.008			○			
2016	岩永川崎	Shahin R, Iwanaga M, Kawasaki H	Cuticular protein and transcription factor genes expressed during prepupal-pupal transition and by ecdysone pulse treatment in wing discs of <i>Bombyx mori</i>	Insect Mol Biol	25(2):138-52	10.1111/imb.12207			○			
2016	北村前田斎藤	Kitamura R, Ishii K, Maeda I, Kozaki T, Iwabuchi K, Saito T	Evaluation of bacterial communities by bacteriome analysis targeting 16S rRNA genes and quantitative analysis of ammonia monooxygenase gene in different types of compost	Journal of Bioscience and Bioengineering	121(1):57-65	10.1016/j.jbiosc.2015.05.005	○				○	
2016	長尾燕山前田	Yamaguchi M, Naito T, Nagao Y, Kabuyama Y, Hashimoto K, Azuma N, Maeda I	Effect of increased feeding of dietary α -linolenic acid by grazing on formation of the <i>cis9,trans11-18:2</i> isoform of conjugated linoleic acid in bovine milk	Anim Sci J	88(7):1006-1011	10.1111/asj.12727	○					
2016	長尾	Sato A, Borjigin Sarentonglaga, Ogata K, Yamaguchi M, Hara A, Khurchabiling Atchalat, Wakabayashi M, Nishihara K, Fukumori R, Nagao Y	Changes in the morphological status of cumulus cells surrounding canine oocytes and their effects upon in vitro maturation	Proceeding of 17th AAAP Animal Science Congress	981-986		○					
2016	長尾	Hara A, Abe T, Borjigin Sarentonglaga, Ogata K, Yamaguchi M, Sato A, Fukumori R, Nagao Y	Immunohistochemical analysis of the estrogen receptor and Ki-67 antigen in the ovine mammary gland during pregnancy	Proceeding of 17th AAAP Animal Science Congress	1044-1050		○					
2016	長尾	Ogata K, Sasaki A, Borjigin Sarentonglaga, Yamaguchi M, Hara A, Sato A, Nishihara K, Sugane N, Fukumori R, Nagao Y	Seasonal variation of dog semen quality and freezability	Proceeding of 17th AAAP Animal Science Congress	1261-1265		○					

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2016	二瓶	Shinozaki J, Kenmoku H, Nihei K, Masuda K, Noji M, Konno K, Asakawa Y, Kazuma K	Cloning and Functional Analysis of Three Chalcone Synthases from the Flowers of Safflowers <i>Carthamus tinctorius</i>	Nat. Prod. Commun	11:787-790	10.1177/1934578X1601100621		○				
2016	二瓶	Oode C, Shimada W, Yokota M, Yamada Y, Nihei K	Dihydroresveratrol Cellobioside and Xylobioside as Effective Melanogenesis Activators	Carbohydr. Res	436:45-49	10.1016/j.carres.2016.11.004		○				
2016	二瓶	Konno K, Kazuma K, Nihei K	Peptide Toxins in Solitary Wasp Venoms	Toxins	8(4):114	10.3390/toxins8040114		○				
2016	飯塚	Wang W, Hanai Y, Takenaka C, Tomioka R, Iizuka K, Ozawa H	Cesium absorption through bark of Japanese cedar (<i>Cryptomeria japonica</i>)	J For Res	21:251-258	10.1007/s10310-016-0534-5						○
2016	野村	Brewer P.B, Yoneyama K, Filardo F, Meyers E, Scaffidi A, Frickey T, Akiyama K, Seto Y, Dun E.A, Cremer J.E, Kerr S.C, Waters M.T, Flematt G.R, Mason M.G, Weiller G, Yamaguchi S, Nomura T, Smith S.M, Yoneyama K and Beveridge C.A.	LATERAL BRANCHING OXIDOREDUCTASE acts in the final stages of strigolactone biosynthesis in <i>Arabidopsis</i>	Natl. Acad. Sci. USA	113(22):6301-6306	10.1073/pnas.1601729113	○	○		○		
2016	謝野村	Xie X, Yoneyama K, Kisugi T, Nomura T, Akiyama K, Asami T, Yoneyama K	Structure- and stereospecific transport of strigolactones from roots to shoots	J. Pestic. Sci	41:255-58	10.1584/jpestics.D16-009		○		○		
2016	児玉	Numata K, Hori Y, Motoda Y, Hirai T, Nishitani C, Watanabe S, Kigawa T & Kodama Y	Direct introduction of neomycin phosphotransferase II protein into apple leaves to confer kanamycin resistance	Plant Biotechnol	33:5:403-407	10.5511/plantbiotechnology.16.0929a	○					
2016	児玉	Kimura S & Kodama Y	Actin-dependence of the chloroplast cold positioning response in the liverwort <i>Marchantia polymorpha</i> L.	PeerJ	4:e2513	10.7717/peerj.2513	○					
2016	児玉	Iizasa S, Iizasa E, Matsuzaki S, Tanaka H, Kodama Y, Watanabe K & Nagano Y	Arabidopsis LBP/BPI related-1 and -2 bind to LPS directly and regulate <i>PRI</i> expression	Sci Rep	6:27527	10.1038/srep27527	○					
2016	児玉	藤井雄太, 児玉豊	誤解しないBiFC法の手づかみ：蛍光タンパク質を使ったタンパク質間相互作用イメージング	植物の生長調節	51:1:48-51	10.18978/jscrp.51.1_48	○					
2016	児玉	Ng KK, Motoda Y, Watanabe S, Othman AS, Kigawa T, Kodama Y & Numata K	Intracellular delivery of proteins via fusion peptides in intact plants	PLoS ONE	11:e0154081	10.1371/journal.pone.0154081	○					
2016	児玉	Kodama Y	Time gating of chloroplast autofluorescence allows clearer fluorescence imaging in <i>planta</i>	PLoS ONE	11:e0152484	10.1371/journal.pone.0152484	○					
2016	鈴木	Kodani S, Inoue Y, Suzuki M, Dohra H, Suzuki T, Hemmi H, Ohnishi-Kameyama M	Sphaericin, a Lasso Peptide from the Rare Actinomycete <i>Planomonospora sphaerica</i>	European Journal of Organic Chemistry	8:1177-1183	10.1002/ejoc.201601334	○					
2016	鈴木	Suzuki T, Yamamoto N, Takano T, Choi JH., Sasaki Y, Terashima Y, Ito A, Dohra H, Hirai H, Yano K, Kawagishi H	The biosynthetic pathway of 2-azahypoxanthine in fairy-ring forming fungus	Scientific Reports	6:39087	10.1038/srep39087	○					
2016	鈴木	Suzuki K, Suzuki T, Nakatsuka T, Dohra H, Yamagishi M, Matsuyama K, Matsuura H	RNA-seq-based evaluation of bicolor tepal pigmentation in Asiatic hybrid lilies (<i>Lilium</i> spp.)	BMC genomics	17(1):611	10.1186/s12864-016-2995-5	○					
2016	鈴木	Wang J, Suzuki T, Dohra H, Takigami S, Kako H, Soga A, Kamei I, Mori T, Kawagishi H, Hirai H	Analysis of ethanol fermentation mechanism of ethanol producing white-rot fungus <i>Phlebia</i> MG-60 by RNA-seq	BMC genomics	17:616	10.1186/s12864-016-2977-7	○					
2016	鈴木	Dohra H, Suzuki T, Inoue Y, Kodani S	Draft Genome Sequence of <i>Planomonospora sphaerica</i> JCM9374, a Rare Actinomycete	Genome Announcements	4(4):e00779-16	10.1128/genomeA.00779-16	○					
2016	鈴木	Hirayama, Y, Yamagishi, K, Suzuki, T, Kawagishi, H, Kita, M, Kigoshi, H	Analysis of the aplyronine A-induced protein-protein interaction between actin and tubulin by surface plasmon resonance	Bioorganic Medicinal Chemistry	24(12):2809-2814	10.1016/j.bmc.2016.04.049	○					
2016	鈴木	Yamamoto, T, Tsunematsu, Y, Hara, K, Suzuki, T, Kawagishi, H, Noguchi, H, Hashimoto, H, Tang, Y, Hotta, K, Watanabe, K	Oxidative <i>trans</i> to <i>cis</i> isomerization of olefins in polyketide biosynthesis	Angewandte Chemie International Edition	55(21):6207-6210	10.1002/anie.201600940	○					
2016	鈴木	Muraguchi, Y, Kushimoto, K, Ohtsubo, Y, Suzuki, T, Dohra, H, Kimbara, K, Shintani, M	Complete genome sequence of the <i>Algoriphagus</i> sp. M8-2 isolated from a brackish lake	Genome Announcements	4(3):e00347-16	10.1128/genomeA.00347-16	○					
2016	鈴木	Hirata, H, Kashihara, M, Horiike, T, Suzuki, T, Dohra, H, Netsu, O, Tsuyumu, S	Genome sequence of <i>Pectobacterium carotovorum</i> phage PPWS1 isolated from Japanese horseradish [<i>Eutrema japonicum</i> (Miq.) Koidz] showing soft-rot symptom	Genome Announcements	4(2):e01625-15	10.1128/genomeA.01625-15	○					
2016	矢ヶ崎	矢ヶ崎一三	リグナン腸内細菌代謝産物エンテロラクトンの機能性(解説)	New Food Industry	58(12):15-22		○		○			
2016	松田	Masaru Matsuda, Mitsuru Sakaizumi	Evolution of the sex-determining gene in the teleostean genus <i>Oryzias</i>	GENERAL AND COMPARATIVE ENDOCRINOLOGY	239:80-88	10.1016/j.ygcn.2015.10.004						

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2015	松田	Gladys FM, Matsuda M, Lim Y, Jackin BJ, Imai T, Otani Y, Yatagai T, Cense B	Developmental and morphological studies in Japanese medaka with ultra-high resolution optical coherence tomography	Biomedical Optics Express	6:2:297-308	10.1364/BOE.6.000297	○					
2015	松田	Imai T, Saino K, Matsuda M	Mutation of Gonadal soma-derived factor induces medaka XY gonads to undergo ovarian development	Biochem Biophys Res Commun	467:1:109-114	10.1016/j.bbrc.2015.09.112	○					
2015	逢沢	Aizawa M, Yoshimaru H, Ogawa H, Goto S, Kaji M	Natural hybridization of Yezo and Sakhalin spruce in central Hokkaido, revealed by DNA markers with contrasting modes of inheritance	Plant Species Biology	31:3:188-195	10.1111/1442-1984.12101	○					
2015	逢沢	Aizawa M, Yoshimaru H, Takahashi M, Kawahara T, Sugita H, Saito H, Sabirov RN	Genetic structure of Sakhalin spruce (<i>Picea glehnii</i>) in northern Japan and adjacent regions revealed by nuclear microsatellites and mitochondrial gene sequences	Journal of Plant Research	128:91-102	10.1007/s10265-014-0682-7	○					
2015	青山	渡邊哲夫・野口宗彦・沼野井憲一・長谷山聡也・青山真人	ブタの尾かじり被害を軽減する飼養管理法の検討—鎖やロープの提供、食塩水給与、飼料の形状の効果—	日本養豚学会誌	52:123-134	10.5938/youton.52.3_123						○
2015	芋川	Terazawa S, Nakajima H, Fukasawa K, Imokawa G	Withaferin A abolishes the stem cell factor-stimulated pigmentation of human epidermal equivalents by interrupting the auto-phosphorylation of c-KIT in human melanocytes	Arch Dermatol Res 2015	307:73-88	10.1007/s00403-014-1518-y	○					
2015	芋川	Niwano T, Terazawa S, Nakajima H, Wakabayashi Y, Imokawa G	Astaxanthin and withaferin A block paracrine cytokine interactions between UVB-exposed human keratinocytes and human melanocytes via the attenuation of endothelin-1 secretion and its downstream intracellular signaling	Cytokine	73(2):184-197	10.1016/j.cyto.2015.02.006	○					
2015	芋川	Han C, Furukawa H, Tomura T, Fudou R, Kaida K, Choi BK, Imokawa G, Ojika M	Bioactive Maleic Anhydrides and Related Diacids from the Aquatic Hyphomycete <i>Tricladium castaneicola</i>	J Nat Prod	78(4):639-44	10.1021/np500773s	○					
2015	芋川	Tagashira H, Miyamoto A, Kitamura S, Tsubata M, Yamaguchi K, Takagaki K, Imokawa G	UVB stimulates the expression of endothelin B receptor in human melanocytes via a sequential activation of the p38/MSK1/CREB/MITF pathway which can be interrupted by a French maritime pine bark extract through a direct inactivation of MSK1	PLoS One	10(6):e0128678	10.1371/journal.pone.0128678	○					
2015	芋川	Terazawa S, Mori S, Nakajima H, Yasuda M, Imokawa G	The UVB-stimulated expression of transglutaminase 1 is mediated predominantly via the NF κ B signaling pathway: New evidence of its significant attenuation through the specific interruption of the p38/MSK1/NF κ Bp65 Ser276 axis	PLoS One	10(8):e0136311	10.1371/journal.pone.0136311	○					
2015	金野	Sakamoto Y, Nakade K, Yoshida K, Natsume S, Miyazaki K, Sato S, van Peer A. F., Konno N	Grouping of multicopper oxidases in <i>Lentinula edodes</i> by sequence similarities and expression patterns	AMB Express	5(1):63	10.1186/s13568-015-0151-2	○	○				
2015	金野	Takeda T, Nakano Y, Takahashi M, Konno N, Sakamoto Y, Arashida R, Marukawa Y, Yoshida E, Ishikawa T, Suzuki K	Identification and enzymatic characterization of an endo-1,3- β -glucanase from <i>Euglena gracilis</i>	Phytochemistry	116:21-27	10.1016/j.phytochem.2015.05.010	○	○				
2015	金野	Konno N, Obara A, Sakamoto Y	Molecular cloning, characterization, and expression analysis of a β - <i>N</i> -acetylhexosaminidase (<i>LeHex20B</i>) from the shiitake mushroom, <i>Lentinula edodes</i>	Journal of Wood Science	61:178-184	10.1007/s10086-015-1459-x	○	○				
2015	高橋	Bashir K, Ishimaru Y, Itai RN, Senoura T, Takahashi M, An G, Oikawa T, Ueda M, Sato A, Uozumi N, Nakanishi H, Nishizawa NK	Iron deficiency regulated OsOPT7 is essential for iron homeostasis in rice	Plant Mol Biol	88:165-76	10.1007/s11103-015-0315-0	○					
2015	謝 謙星	Okutsu N, Morohoshi T, Xie X, Kato N, Ikeda T	Characterization of <i>N</i> -acylhomoserine lactones produced by bacteria isolated from industrial cooling water systems	Sensors	16(1):44	10.3390/s16010044	○	○				

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2015	謝	Sun H, Tao J, Huang S, Chen S, Xie X, Yoneyama K, Xu G, Zhang Y	A strigolactone signal is required for adventitious root formation in rice	Annals of Botany	115:7:1155-1162	10.1093/aob/mcv052		○				
2015	諸星	Kato T, Morohoshi T, Someya N, Ikeda T	The <i>ppuI-rsaL-ppuR</i> quorum-sensing system regulates cellular motility, pectate lyase activity, and virulence in potato opportunistic pathogen <i>Pseudomonas</i> sp. StFLB209	Biosci Biotech Biochem	79(4):673-80	10.1080/09168451.2014.988679	○					
2015	諸星	Morohoshi T, Tominaga Y, Someya N, Ikeda T	Characterization of a novel thermostable <i>N</i> -acylhomoserine lactonase from the thermophilic bacterium <i>Thermaerobacter marianensis</i>	J Biosci Bioeng	120:1:1-5	10.1016/j.jbiosc.2014.11.014	○					
2015	諸星	Okutsu N, Morohoshi T, Ikeda T	Draft genome sequence of <i>Alicyclophilus</i> sp. B1, an <i>N</i> -acylhomoserine lactone-producing bacterium, isolated from activated sludge	Genome Announc	3(3):e00424-15	10.1128/genomeA.00424-15	○					
2015	松本 福井 吉澤	Watanabe H, Matsumoto T, Nishi M, Kusakabe KT, Kuraishi T, Hattori S, Matsumoto H, Fukui E, Kuwahata A, Ochi M, Kiso Y, Kai C, Yoshizawa M	Intracytoplasmic sperm injection into oocytes matured in vitro and early embryonic development in the owl monkey (<i>Aotus lemurinus</i>)	Reprod Med Biol	15(3):183-186	10.1007/s12522-015-0229-1	○					
2015	吉澤 松本 福井	Nakazato C, Yoshizawa M, Isobe K, Kusakabe KT, Kuraishi T, Hattori S, Matsumoto H, Fukui E, Kuwahata A, Ochi M, Kiso Y, Kai C	Morphological characterization of spermatozoa of the night monkey	J Mamm Ova Res	32:37-40	10.1274/jmor.32.37	○					
2015	福井 松本 吉澤	福井えみ子, 湯澤知子, 松本浩道, 川野辺章夫, 櫻井由美, 大島藤太, 北條孝, 新楽和孝, 桑波田暁子, 越知正憲, 吉澤緑	遺伝子型をデザインした黒毛和種の効率的作付の試み	日本畜産学会報	86:375-378	10.2508/chikusan.86.375	○					
2015	松本 福井 吉澤	Matsumoto T, Isobe K, Kusakabe KT, Kuraishi T, Hattori S, Nakazato C, Matsumoto H, Fukui E, Kuwahata A, Ochi M, Kiso Y, Kai C, Yoshizawa M	Morphological characterization and <i>in vitro</i> maturation of follicular oocytes from the owl monkey (<i>Aotus lemurinus</i>)	J Mamm Ova Res	32(3):103-108	10.1274/jmor.32.103	○					
2015	石栗 飯塚 横田	Ueda C, Takashima Y, Ishiguri F, Iizuka K, Yoshizawa N, Yokota S	Ozone oxidation pretreatment for enzymatic saccharification of spent culture media after <i>Lentinula edodes</i> cultivation	Journal of Wood Science	61:65-69	10.1007/s10086-014-1441-z	○					
2015	石栗 羽生 飯塚 横田	Takashima Y, Tamura A, Nose N, Tanabe J, Makino K, Ishiguri F, Habu N, Iizuka K, Yokota S	Diversities of decay resistance and n-hexane-extractable contents in seven half-sib families from plus trees in todomatsu (<i>Abies sachalinensis</i>)	Journal of Wood Science	61:192-198	10.1007/s10086-014-1448-5	○					
2015	前田	Naito T, Sachurongui, Ueki M, Maeda I	Light-enhanced bioaccumulation of molybdenum by nitrogen-deprived recombinant anoxygenic photosynthetic bacterium <i>Rhodospseudomonas palustris</i>	Biosci Biotechnol Biochem	80(2):407-13	10.1080/09168451.2015.1086260	○					
2015	前田	Taniguchi M, Siddiki MS, Ueda S, Maeda I	Mercury (II) sensor based on monitoring dissociation rate of the trans-acting factor MerR from cis-element by surface plasmon resonance	Biosens Bioelectron	67:309-14	10.1016/j.bios.2014.08.040	○					
2015	長尾	Ogata K, Sasaki A, Kato Y, Takeda A, Wakabayashi M, Borjigin Sarentonglaga, Yamaguchi M, Hara A, Fukumori R, Nagao Y	Glutathione supplementation to semen extender improves the quality of frozen-thawed canine spermatozoa for transcervical insemination	Journal of Reproduction and Development	61(2):16-22	10.1262/jrd.2014-130	○					
2015	長尾	Kato Y, Nagao Y	Changes in sperm motility and capacitation induce chromosomal aberration of the bovine embryo following intracytoplasmic sperm injection	Plos ONE	10(6): e0129285	10.1371/journal.pone.0129285	○					
2015	二瓶	Masuoka N, Nihei K, Maeta A, Yamagiwa Y, Kubo I	Inhibitory Effects of Cardols and Related Compounds on Superoxide Anion Generation by Xanthine Oxidase	Food Chem	166:270-274	10.1016/j.foodchem.2014.06.021		○				
2015	二瓶	Iwade T, Nihei K	Rhododendrol Glycosides as Stereospecific Tyrosinase Inhibitors	Bioorg. Med. Chem.	23(20):6650-6658	10.1016/j.bmc.2015.09.014		○				
2015	平井	平井英明、平井雅世	児童生徒・学生への土に関するアンケート調査結果の解析～宇都宮における事例～	日本土壌肥科学雑誌	86:6:505-514	10.20710/dojo.86.6_505						
2015	謝 野村	Xie X, Yoneyama K, Kisugi T, Nomura T, Akiyama K, Asami T, Yoneyama K	Strigolactones are transported from roots to shoots, although not through the xylem	J Pestic Sci	40:4:214-216	10.1584/jpestics.D15-045		○		○		

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2015	謝野村	Yoneyama K, Arakawa R, Ishimoto K, Kim H.I, Kisugi T, Xie X, Nomura T, Kanampiu F, Yokota T, Ezawa T, Yoneyama K	Difference in <i>Striga</i> -susceptibility is reflected in strigolactone secretion profile, but not in compatibility and host preference in arbuscular mycorrhizal symbiosis in two maize cultivars	New Phytologist	206:3:983-989	10.1111/nph.13375		○		○		
2015	謝野村	Yoneyama K, Kisugi T, Xie X, Arakawa R, Ezawa T, Nomura T, Yoneyama K	Shoot-derived signals other than auxin are involved in systemic regulation of strigolactone production in roots	Planta	241(3):687-698	10.1007/s00425-014-2208-x		○		○		
2015	児玉	田中(坪山)祥子, 児玉豊	アガートラップ法: 寒天に捕らえたゼニゴケを簡単に形質転換する	植物の生長調節	50:1:83-86	10.18978/jsrnp.50.1_83	○					
2015	児玉	Fujii Y & Kodama Y	In planta comparative analysis of improved green fluorescent proteins with reference to fluorescence intensity and bimolecular fluorescence complementation ability	Plant Biotechnol	32:1:81-87	10.5511/plantbiotechnology.15.0120a	○					
2015	児玉	Lakshmanan M, Yoshizumi T, Sudesh K, Kodama Y & Numata K	Double-stranded DNA introduction into intact plant using peptide-DNA complexes	Plant Biotechnol	32:1:39-45	10.5511/plantbiotechnology.14.1210b	○					
2015	児玉	Chuah JA, Yoshizumi T, Kodama Y & Numata K	Gene introduction into the mitochondria of <i>Arabidopsis thaliana</i> via peptide-based carriers	Sci Rep	5:590972222	10.1038/srep07751	○					
2015	児玉	Tsuboyama-Tanaka S & Kodama Y# (2015)	AgarTrap-mediated genetic transformation using intact gemmae/gemmalings of the liverwort <i>Marchantia polymorpha</i> L	J Plant Res	128:337-344	10.1007/s10265-014-0695-2	○					
2015	鈴木	Suzuki T, Takeshima Y, Mikamoto T, Saeki JD, Kato T, Park EY, Kawagishi H, Dohra H	Genome sequence of a novel iflavivirus from mRNA sequencing of the pupa of <i>Bombyx mori</i> inoculated with <i>Cordyceps militaris</i>	Genome Announcements	3(5):e01039-15	10.1128/genomeA.01039-15	○					
2015	近藤	Kondo S, El Omri A, Han J, Hiroko Isoda H	Antidepressant-like effects of rosmarinic acid through mitogen-activated protein kinase phosphatase-1 and brain-derived neurotrophic factor modulation	J Functional Foods	14:758-766	10.1016/j.jff.2015.03.001			○			
2015	矢ヶ崎	Dewi NI, Yagasaki K, Miura Y	Anti-proliferative effect of pterostilbene on rat hepatoma cells in culture	Cytotechnology	67(4):671-680	10.1007/s10616-014-9758-4			○			
2015	矢ヶ崎	Kamakura R, Son MJ, de Beer D, Joubert E, Miura Y, Yagasaki K	Antidiabetic effect of green rooibos (<i>Aspalathus linearis</i>) extract in cultured cells and type 2 diabetic model KK-Ay mice	Cytotechnology	67(4):699-710	10.1007/s10616-014-9816-y			○			
2015	矢ヶ崎	Son MJ, Miura Y, Yagasaki K	Mechanisms for antidiabetic effect of gingerol in cultured cells and obese diabetic model mice	Cytotechnology	67(4):641-652	10.1007/s10616-014-9730-3			○			
2015	矢ヶ崎	矢ヶ崎一三	栄養素・非栄養素の食理学	化学と生物	53(6):339				○			
2014	松田	Amo R, Fredes F, Kinoshita M, Aoki R, Aizawa H, Agetsuma M, Aoki T, Shiraki T, Kakinuma H, Matsuda M, Yamazaki M, Takahoko M, Tsuboi T, Higashijima S, Miyasaka N, Koide T, Yabuki Y, Yoshihara Y, Fukai T, Okamoto H	The habenulo-raphe serotonergic circuit encodes an aversive expectation value essential for adaptive active avoidance of danger	Neuron	84(5):1034-1048	10.1016/j.neuron.2014.10.035	○					
2014	松田	Takehana Y, Matsuda M, Myosho T, Suster ML, Kawakami K, Shin IT, Kohara Y, Kuroki Y, Toyoda A, Fujiyama A, Hamaguchi S, Sakaizumi M & Naruse K	Co-option of <i>Sox3</i> as the male-determining factor on the Y chromosome in the fish <i>Oryzias dancena</i>	Nature communications	5:4157	10.1038/ncomms5157	○					
2014	松田	Tatsumi Y, Takeda M, Matsuda M, Suzuki T, Yokoi H	TALEN-mediated mutagenesis in zebrafish reveals a role for <i>r-spondin 2</i> in fin ray and vertebral development	FEBS Lett	588:4543-4550	10.1016/j.febslet.2014.10.015	○					
2014	松田	Watanabe K, Koga H, Nakamura K, Fujita A, Hattori A, Matsuda M, Koga A	Spontaneous germline excision of <i>To1I</i> , a DNA-based transposable element naturally occurring in the medaka fish genome	Genome	57:4:193-199	10.1139/gen-2014-0011	○					
2014	児玉	Numata K, Ohtani M, Yoshizumi T, Demura T & Kodama Y	Local gene silencing in plants via synthetic dsRNA and carrier peptide	Plant Biotechnol J	12:1027-1034	10.1111/pbi.12208	○					
2014	児玉	Tsuboyama S & Kodama Y	AgarTrap: a simplified <i>Agrobacterium</i> -mediated transformation method for sporelings of the liverwort <i>Marchantia polymorpha</i> L	Plant Cell Physiol	55:1:229-236	10.1093/pccp/pct168	○					
2014	逢沢 大久保	山路貴大, 駒井古実, 逢沢峰昭, 大岡智亮, 大久保達弘	太平洋型および日本海型ブナ林におけるブナ属の堅果食性小蛾類の多様性	日本森林学会誌	96:6:323-332	10.4005/jjfs.96.323	○					

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2014	芋川	Nakajima H, Nagata T, Koga S, Imokawa G	Reduced glutathione disrupts the intracellular trafficking of tyrosinase and tyrosinase-related protein-1 but not dopachrome tautomerase and Pmel17 to melanosomes, which results in the attenuation of melanization	Arch Dermatol Res	306(1):37-49	10.1007/s00403-013-1376-z	○					
2014	芋川	Sugiura A, Nomura T, Mizuno A, Imokawa G	Reevaluation of the non-lesional dry skin in atopic dermatitis by acute barrier disruption: An abnormal permeability barrier homeostasis with defective processing to generate ceramide	Arch Dermatol Res	306(5):427-440	10.1007/s00403-013-1430-x	○					
2014	芋川	Terazawa S, Nakajima H, Tobita K, Imokawa G	The decreased secretion of hyaluronan by older human fibroblasts under physiological conditions is mainly associated with the down-regulated expression of hyaluronan synthases but not with the expression levels of hyaluronidases	Cytotechnology	67(4):609-20	10.1007/s10616-014-9707-2	○					
2014	金野	Takahashi H, Imamura T, Konno N, Takeda T, Fujita K, Konishi T, Nishihara M, Uchimiya H	The gentio-oligosaccharide gentiobiose functions in the modulation of bud dormancy in the herbaceous perennial <i>Gentiana</i>	Plant Cell	26(10):3949-3963	10.1105/tpc.114.131631	○	○				
2014	金野	Konno N, Nakade K, Nishitani Y, Mizuno M, Sakamoto Y	Lentinan degradation in the <i>Lentinula edodes</i> fruiting body during postharvest preservation is reduced by downregulation of the <i>exo-β-1,3-glucanase</i> EXG2	Journal of Agricultural and Food Chemistry	62(32):8153-8157	10.1021/jf501578w	○	○				
2014	高橋	Nozoye T, Kim S, Kakei Y, Takahashi M, Nakanishi H, Nishizawa NK	Enhanced levels of nicotianamine promote iron accumulation and tolerance to calcareous soil in soybean	Bioscience Biotechnology and Biochemistry	78(10):1677-1684	10.1080/09168451.2014.936350	○					
2014	高橋	Nozoye T, Tsunoda K, Nagasaka S, Bashir K, Takahashi M, Kobayashi T, Nakanishi H, Nishizawa NK	Rice nicotianamine synthase localizes to particular vesicles for proper function	Plant Signaling and Behavior	9:e28660(1-5)	10.4161/psb.28660	○					
2014	高橋	Nozoye T, Nagasaka S, Bashir K, Takahashi M, Kobayashi T, Nakanishi H, Nishizawa NK	Nicotianamine synthase 2 localizes to the vesicles of iron-deficient rice roots, and its mutation in the YXXφ or LL motif causes the disruption of vesicle formation or movement in rice	Plant J	77(2):246-260	10.1111/tpj.12383	○					
2014	山根	吉川 瑛治, レオナルド, Yamamoto Robson Ryu, Petri Jose Luiz, Fernando Jose Hawertho, 山根健治, 本條 均	休眠期のシアナミド剤がニホンナシ'幸水'および'豊水'の発芽・開花に及ぼす影響	園芸学研究	13(2):143-153	10.2503/hrj.13.143				○		
2014	山根	朴 昭英, 山根健治, 野村卓史, 八巻良和	スプラウトの栽培が若年者の心理に及ぼす効果	人間・植物関係学会雑誌	13(2) : 23-26					○		
2014	山根 黒倉	Burana C, Kurokura T, Yamaki Y, Yamane K	Modified atmosphere (MA) and 1-methylcyclopropene (1-MCP) combination treatment extends the postharvest life of carnations	Environmental Control in Biology	52(3):131-136	10.2525/ecb.52.131	○			○		
2014	謝	Fernández-Aparicio M, Kisugi T, Xie X, Rubiales D, Yoneyama K	Low strigolactone root exudation: a novel mechanism of broomrape (<i>Orobancha</i> and <i>Phelipanche</i> spp.) resistance available for faba bean breeding	Journal of Agricultural and Food Chemistry	62:29:7063-7071	10.1021/jf5027235		○		○		
2014	謝	Sun H, Tao J, Liu S, Huang S, Chen S, Xie X, Yoneyama K, Zhang Y, Xu G	Strigolactones are involved in phosphate- and nitrate-deficiency-induced root development and auxin transport in rice	Journal of Experimental Botany	65:22:6735-6746	10.1093/jxb/eru029		○				
2014	諸星	Xu F F, Morohoshi T, Wang W Z, Yamaguchi Y, Liang Y, Ikeda T	Evaluation of the intraspecies interactions in biofilm formation by <i>Methylobacterium</i> species isolated from pink-pigmented household biofilms	Microb Environ	29:4:388-392	10.1264/jisme2.ME14038	○					
2014	諸星	Ochiai S, Yasumoto S, Morohoshi T, Ikeda T	AmiE, a novel <i>N</i> -acylhomoserine lactone acylase belonging to the amidase family, from the activated-sludge isolate <i>Acinetobacter</i> sp. Ooi24	Appl Environ Microbiol	80:6919-6925	10.1128/AEM.02190-14	○					
2014	諸星	Morohoshi T, Kato T, Someya N, Ikeda T	Complete genome sequence of <i>N</i> -acylhomoserine lactone-producing <i>Pseudomonas</i> sp. strain StFLB209 isolated from potato phyllosphere	Genome Announc	2(5):e01037-14	10.1128/genomeA.01037-14	○					

発行年	教員名	著者	題名	雑誌名	巻・ページ	doi	ゲノミクス	生体分子機能解析	動物	資源植物	バイオリソース	アイソトープ
2014	諸星	Morohoshi T, Wang W. Z, Someya N, Ikeda T	Complete Genome Sequence of <i>Chryseobacterium</i> sp. Strain STRB126, an N-Acylhomoserine Lactone-Degrading Bacterium Isolated from Potato Root	Genome Announc	2(5):e00952-14	10.1128/genomeA.00952-14	○					
2014	諸星	Kato T, Morohoshi T, Tsushima S, Ikeda T	Characterization of three types of quorum-sensing mutants in <i>Burkholderia glumae</i> strains isolated in Japan	J Agric Sci	6:7:16-26	10.5539/jas.v6n7p16	○					
2014	福井吉澤松本	Sakurai M, Sato Y, Mukai K, Suematsu M, Fukui E, Yoshizawa M, Tanemura K, Hoshino Y, Matsumoto H, Sato E	Distribution of tubulointerstitial nephritis antigen-like 1 and structural matrix proteins in mouse embryos during preimplantation development <i>in vivo</i> and <i>in vitro</i>	Zygote	22:2:259-265	10.1017/S0967199412000469	○		○			
2014	福井吉澤松本	Saito K, Furukawa E, Kobayashi M, Fukui E, Yoshizawa M, Matsumoto H	Degradation of estrogen receptor α in activated blastocysts is associated with implantation in the delayed implantation mouse model	Mol Hum Reprod	20:5:384-391	10.1093/molehr/gau004	○		○			
2014	石栗飯塚横田	Aiso H, Ishiguri F, Takashima Y, Iizuka K, Yokota S	Reaction wood anatomy in a vessel-less angiosperm <i>Sarcandra glabra</i>	IAWA Journal	35(2):116-126	10.1163/22941932-00000053				○		
2014	石栗飯塚横田	Irawati D, Sutapa JPG, Marsoem SN, Wedatama S, Ishiguri F, Iizuka K, Yokota S	The effect of storage time of cloud ear fungus (<i>Auricularia polytricha</i>) spent culture media made of three Indonesian tree species on their saccharification rate	Journal of the Japan Institute of Energy	93(4):340-344	10.3775/jie.93.340	○					
2014	石栗横田	Suzuki H, Takashima Y, Ishiguri F, Yoshizawa N, Yokota S	Proteomic analysis of responsive proteins induced in Japanese birch plantlet treated with salicylic acid	Proteomes	2(3):323-340	10.3390/proteomes2030323	○					
2014	岩永川崎	Hua-Bing Wang, Iwanaga M, Kawasaki H	Stage-specific activation of the E74B promoter by low ecdysone concentrations in the wing disc of <i>Bombyx mori</i>	Gene	537:2:322-327	10.1016/j.gene.2013.12.002			○			
2014	長尾	Abe T, Hanazono Y, Nagao Y	Long-term follow-up study on the engraftment of human hematopoietic stem cells in sheep	Experimental Animals	63:475-481	10.1538/expanim.63.475	○					
2014	二瓶	Iwadate T, Kashiwakura Y, Masuoka N, Yamada Y, Nihei K	Chemical Synthesis and Tyrosinase Inhibitory Activity of Rhododendrol Glycoside	Bioorg Med Chem	24(1):122-125	10.1016/j.bmcl.2013.11.063		○				
2014	二瓶	Kamatani J, Iwadate T, Tajima R, Kimoto H, Yamada Y, Masuoka N, Kubo I, Nihei K	Stereochemical Investigation and Total Synthesis of Inuloidin, a Biologically Active Sesquiterpenoid from <i>Heterotheca inuloides</i>	Tetrahedron	70:19:3141-3145	10.1016/j.tet.2014.03.057		○				
2014	二瓶	Oode C, Shimada W, Izutsu Y, Yokota M, Iwadate T, Nihei K	Synthesis of dihydroresveratrol glycosides and evaluation of their activity against melanogenesis in B16F0 melanoma cells	Eur J Med Chem	87:862-867	10.1016/j.ejmech.2014.09.092		○				
2014	平井	朝妻英治、高橋行雄、平井英明	有機質肥料と床土原土との混和時期が水稻苗の生育に及ぼす影響	農業研究	49:1:31-36	10.4035/jsfw.49.31						
2014	謝野村	Abe S, Sado A, Tanaka K, Kisugi T, Asami K, Ota S, Kim H.I, Yoneyama K, Xie X, Ohnishi T, Seto Y, Yamaguchi S, Akiyama K, Yoneyama K, Nomura T	Carlactone is converted to carlactonic acid by MAX1 in <i>Arabidopsis</i> and its methyl ester can directly interact with AtD14 <i>in vitro</i>	Proc Natl Acad Sci USA	111(50):18084-18089	10.1073/pnas.1410801111	○	○		○		
2014	謝野村	Khetkam P, Xie X, Kisugi T, Kim H.I, Yoneyama K, Kisugi T, Uchida K, Yokota T, Nomura T, Yoneyama K	7α - and 7β -Hydroxyorobanchyl acetate as germination stimulants for root parasitic weeds produced by cucumber	J Pestic Sci	39:3:121-126	10.1584/jpestics.D14-038		○		○		
2014	野村	Asahina M, Tamaki Y, Sakamoto T, Shibata K, Nomura T, Yokota T	Blue light-promoted rice leaf bending and unrolling are due to up-regulated brassinosteroid biosynthesis genes accompanied by accumulation of castasterone	Phytochemistry	104:21-29	10.1016/j.phytochem.2014.04.017		○		○		
2014	野村	Kim H.I, Kisugi T, Khetkam P, Xie X, Yoneyama K, Uchida K, Yokota T, Nomura T, McErlean C.S.P, Yoneyama K	Avenaol, a germination stimulant for root parasitic plants from <i>Avena strigosa</i>	Phytochemistry	103: 85-88	10.1016/j.phytochem.2014.03.030		○		○		
2014	近藤	磯田博子, 近藤真司	地中海食薬資源由来ポリフェノールの機能性: ロズマリン酸の抗うつ薬様効果 (総説)	日本ポリフェノール学会雑誌	3(1):31-36				○			

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2014	矢ヶ崎	Ha BG, Yonezawa T, Son MJ, Woo JT, Ohba S, Chung UI, Yagasaki K	Antidiabetic effect of nepodin, a component of Rumex roots, and its modes of action in vitro and in vivo	Biofactors	40(4), 436-447	10.1002/biof.1165			○			
2014	矢ヶ崎	Cheong SH, Furuhashi K, Ito K, Nagaoka M, Yonezawa T, Miura Y, Yagasaki K	Daidzein promotes glucose uptake through glucose transporter 4 translocation to plasma membrane in L6 myocytes and improves glucose homeostasis in Type 2 diabetic model mice	J Nutr Biochem	25(2):136-143	10.1016/j.jnutbio.2013.09.012			○			
2014	矢ヶ崎	Cheong SH, Furuhashi K, Ito K, Nagaoka M, Yonezawa T, Miura Y, Yagasaki K	Antihyperglycemic effect of equol, a daidzein derivative, in cultured L6 myocytes and ob/ob mice	Mol Nutr Food Res	58(2):267-277	10.1002/mnfr.201300272			○			
2014	矢ヶ崎	Takeshima K, Mori Y, Sakai F, Haruta-Ono Y, Kadooka Y, Yagasaki K, Miura Y	Ameliorative effect of dietary milk-derived sphingomyelin concentrates on atopic-like dermatitis in NC/Nga mice	J Functional Foods	8:53-61	10.1016/j.jff.2014.03.001			○			
2014	矢ヶ崎	Yagasaki K	Anti-diabetic phytochemicals that promote GLUT4 translocation via AMPK signaling in muscle cells	Nutr Aging	2(1):35-44	10.3233/NUA-130032			○			
2014	安達	Adachi SI, Eguchi A, Sakamoto K, Asano H, Manabe Y, Matsumura S, Tsuzuki S, Inoue K, Fushiki T	Behavioral palatability of dietary fatty acids correlates with the intracellular calcium ion levels induced by the fatty acids in GPR120-expressing cells	Biomedical Research	35(6):357-367	10.2220/biomedres.35.357			○			
2014	矢ヶ崎	矢ヶ崎一三	ファイトケミカルの糖尿病・糖代謝に対する作用とその機構（解説）	New Food Industry	56(2):1-12				○			
2013	児玉	Ogasawara Y, Ishizaki K, Kohchi T & Kodama Y	Cold-induced organelle relocation in the liverwort <i>Marchantia polymorpha</i> L.	Plant Cell Environ	36:1520-1528	10.1111/pce.12085	○					
2013	児玉	Lakshmanan M, Kodama Y, Yoshizumi T, Sudesh K & Numata K	Rapid and efficient gene delivery into plant cells using designed peptide carriers	Biomacromolecules	14:10-16	10.1021/bm301275g	○					
2013	児玉	Kodama Y & Hu C-D	Bimolecular fluorescence complementation (BiFC) analysis of protein-protein interaction: How to calculate signal-to-noise ratio	Methods Cell Biol	113:107-121	10.1016/B978-0-12-407239-8.00006-9	○					
2013	逢沢 飯塚 大久保	望月寛子, 逢沢峰昭, 中山ちさ, 飯塚和也, 大久保達弘	北関東高原山系におけるフモトミズナラの種特性とミズナラおよびコナラの種特性との比較	植物地理・分類研究	61:31-43	10.11519/jfsc.125.0_313	○					
2013	茅川	Wakabayashi Y, Nakajima H, Imokawa G	Abrogating effect of N-linked carbohydrate modifiers on the stem cell factor and endothelin-1-stimulated epidermal pigmentation in human epidermal equivalents	J Dermatol Sci	69(3):215-28	10.1016/j.jdermsci.2012.11.590	○					
2013	茅川	Bong-Keun Choi, Byung-Yoon Cha, Fujiwara T, Kanamoto A, Je-Tae Woo, Ojika M, Imokawa G	Arenarol isolated from a marine sponge abrogates endothelin-1-stimulated melanogenesis by interrupting MEK phosphorylation in normal human melanocytes	Cytotechnology	65(6):915-26	10.1007/s10616-013-9555-5	○					
2013	茅川	Takenaka Y, Hoshino Y, Nakajima H, Hayashi N, Kawashima M, Imokawa G	Paracrine cytokine mechanisms underlying the hyperpigmentation of seborrheic keratosis in covered skin areas	J Dermatol	40(7):533-42	10.1111/1346-8138.12178	○					
2013	井口	Inokuchi T, Ikuzawa M, Yamazaki S, Watanabe Y, Shiota K, Katoh T, Kobayashi K	Molecular cloning of pepsinogens A and C from adult newt (<i>Cynops pyrrhogaster</i>) stomach	Comp. Biochem Physiol B	165:4:226-235	10.1016/j.cbpb.2013.05.003	○					
2013	高橋	Kato S, Wachi T, Yoshihira K, Nakagawa T, Ishikawa A, Takagi D, Tezuka A, Yoshida H, Yoshida S, Sekimoto H, Takahashi M	Rice (<i>Oryza sativa</i> L.) roots have iodate reduction activity in response to iodine	Frontiers in Plant Science	4:227:1-11	10.3389/fpls.2013.00227	○			○		
2013	高橋	Masuda H, Kobayashi T, Ishimaru Y, Takahashi M, Aung M.S., Nakanishi H, Mori S, Nishizawa N.K	Iron-biofortification in rice by the introduction of three barley genes participated in mugineic acid biosynthesis with soybean <i>ferritin</i> gene	Frontiers in Plant Science	4:132:1-12	10.3389/fpls.2013.00132	○					
2013	黒倉	Burana C, Kurokura T, Yamane K	Short-term controlled atmosphere and 1-MCP effects on the vase life of cut flowers	Acta Horticulturae	1071:83:635-639	10.17660/ActaHortic.2015.1071.83	○					
2013	山根	Burana C, Yamane K, Yamaki Y	Effects of 1-methylcyclopropene (1-MCP) and modified atmosphere packaging (MAP) treatments during transportation on the quality of potted impatiens (<i>Impatiens walleriana</i>)	Acta Hort	970:223-228	10.17660/ActaHortic.2013.970.25	○			○		

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2013	山根	Yamane K, Burana C, Ohira W, Yamaki Y	Effects of active modified atmosphere packaging (MAP) on carbohydrates contents and quality in potted carnations (<i>Dianthus caryophyllus</i>)	Acta Hort	970:93-99	10.17660/ActaHortic.2013.970.9	○			○		
2013	謝	Yoneyama K, Xie X, Yoneyama K	Strigolactones and Biological Activity	Handbook of Natural Products vol. 3	115:3583-3604			○		○		
2013	謝	Yoneyama K, Kisugi T, Xie X, Yoneyama K	Chemistry of strigolactones: why and how do plants produce so many strigolactones?	Molecular Microbial Ecology of The Rhizosphere	34:373-379			○		○		
2013	諸星	Ochiai S, Morohoshi T, Kurabeishi A, Shinozaki M, Fujita H, Sawada I, Ikeda T	Production and degradation of <i>N</i> -acylhomoserine lactone quorum sensing signal molecules in bacteria isolated from activated sludge	Biosci Biotech Biochem	77:2436-2440	10.1271/bbb.130553	○					
2013	諸星	Morohoshi T, Wang W. Z, Suto T, Saito Y, Ito S, Someya N, Ikeda T	Phenazine antibiotic production and antifungal activity are regulated by multiple quorum-sensing systems in <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i> StFRB508	J Biosci Bioeng	116:5:580-584	10.1016/j.jbiosc.2013.04.022	○					
2013	諸星	Morohoshi T, Tokita K, Ito S, Saito Y, Maeda S, Kato N, Ikeda T	Inhibition of quorum sensing in Gram-negative bacteria by alkylamine-modified cyclodextrins	J Biosci Bioeng	116:2:175-179	10.1016/j.jbiosc.2013.01.022	○					
2013	諸星	Kato T, Morohoshi T, Tsushima S, Ikeda T	Phenotypic characterization of colony morphological mutants of <i>Burkholderia glumae</i> that emerged during subculture	J Gen Plant Pathol	79:249-259	10.1007/s10327-013-0454-6	○					
2013	諸星	Migiyama Y, Kaneko Y, Yanagihara K, Morohoshi T, Morinaga Y, Nakamura S, Miyazaki T, Hasegawa H, Izumikawa K, Kakeya H, Kohrogi H, Kohno S	Efficacy of AiIm, an <i>N</i> -acylhomoserine lactonase, against <i>Pseudomonas aeruginosa</i> in a mouse model of acute pneumonia	Antimicrob Agents Chemother	57(8):3653-3658	10.1128/AAC.00456-13	○					
2013	福井 松本 吉澤	阿久津麗, 福井えみ子, 松本浩通, 吉澤緑	黒毛和種およびニホンジカのBreast cancer 1遺伝子における比較解析	日本比較臨床医学会誌	21:15-21		○					
2013	石栗 飯塚 横田	Takashima Y, Suzuki M, Ishiguri F, Iizuka K, Yoshizawa N, Yokota S	Cationic peroxidase related to basal resistance of <i>Betula platyphylla</i> var. <i>japonica</i> plantlet No.8 against canker-rot fungus <i>Inonotus obliquus</i> strain IO-U1	Plant Biotechnology	30(2):199-205	10.5511/plantbiotechnology.13.0312b	○					
2013	石栗 飯塚 横田	Takashima Y, Ishiguri F, Iizuka K, Yoshizawa N, Yokota S	Proteome analysis of infection-specific proteins from Japanese birch (<i>Betula platyphylla</i> var. <i>japonica</i>) plantlet No.8 infected with <i>Inonotus obliquus</i> strain IO-U1	Plant Biotechnology	30(1):83-87	10.5511/plantbiotechnology.12.1129a	○					
2013	石栗	Irawati D, Takashima Y, Ueda C, Sutapa JPG, Marsoem SN, Ishiguri F, Iizuka K, Yoshizawa N, Yokota S	Ozone treatment of spent medium from <i>Auricularia polytricha</i> cultivation for enzymatic saccharification and subsequent ethanol production	Journal of Wood Science	59(6):522-527	10.1007/s10086-013-1356-0	○					
2013	岩永 川崎	Ali MS, Iwamaga M, Kawasaki H	Ecdysone-responsive transcriptional regulation determines the temporal expression of cuticular protein genes in wing discs of <i>Bombyx mori</i>	Gene	512(2):337-347	10.1016/j.gene.2012.09.126			○			
2013	塚原 前田	Maeda I, Siddiki MS, Nozawa-Takeda T, Tsukahara N, Tani Y, Naito T, Sugita S	Population abundance of potentially pathogenic organisms in intestinal microbiome of jungle crow (<i>Corvus macrorhynchos</i>) shown with 16S rRNA gene-based microbial community analysis	Biomed Res	438956	10.1155/2013/438956	○					
2013	前田	Maeda I, Inaba A, Koike H, Yoneyama K, Ueda S, Yoshida K	Acyclic carotenoid and cyclic apocarotenoid cleavage by an orthologue of lignostilbene- α , β -dioxygenase in <i>Rhodospseudomonas palustris</i>	J Biochem	154(5):449-54	10.1093/jb/mvt075	○					
2013	前田	Tsuboyama M, Maeda I	Combinatorial parallel display of polypeptides using bacteriophage T7 for development of fluorescent nano-bioprobes	J Biosci Bioeng	116(1):28-33	10.1016/j.jbiosc.2013.01.015	○					
2013	長尾	Borjigin Sarentonglaga, Ogata K, Taguchi Y, Kato Y, Nagao Y	The developmental potential of oocytes is impaired in cattle with liver abnormalities	Journal of Reproduction and Development	59:2:168-173	10.1262/jrd.2012-163	○					
2013	二瓶 燕山	Chen Z, Nihei K, Tanaka H, Uda Y, Kabuyama Y	Identification of Nitric Oxide Generation-stimulative Principle in <i>Scutellariae radix</i>	Biosci Biotechnol Biochem	77:3:657-659	10.1271/bbb.120800		○				

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2013	福井	Matsui M, Honjo H, J. Ole Becker, Fukui R	Temperature-dependent effects of soil amendment with crop residues on suppression of Rhizoctonia damping-off of sugar beet	Plant and Soil	366:467-477	10.1007/s11104-012-1427-9				○		
2013	平井	佐藤紀男、星野幸一、大澤和敏、平井英明	代かき・移植期に猪苗代湖に流入する排水路に流出した水田土壌の性質	日本土壌肥科学雑誌	84:6:473~477	10.20710/dojo.84.6_473						
2013	逢沢 平井 大久保	逢沢峰昭・乾友恵・平井英明・大澤和敏・池田純子・大久保達弘	北関東の中山間地域の農用林における落葉および落葉堆肥生産と水田施用の有効性	森林立地	55(2):119~126	10.18922/jife.55.2_119						
2013	野村	Nomura T, Magome H, Hanada A, Takeda-Kamiya N, Mander L.N, Kamiya Y, Yamaguchi S	Functional analysis of <i>Arabidopsis</i> CYP714A1 and CYP714A2 reveals that they are distinct gibberellin modification enzymes	Plant Cell Physiol	54:11:1837-1851	10.1093/pcp/pct125		○		○		
2013	謝 野村	Yoneyama K, Xie X, Kisugi T, Nomura T, Yoneyama K	Nitrogen and phosphorus fertilization negatively affects strigolactone production and exudation in sorghum	Planta	238:885-894	10.1007/s00425-013-1943-8		○		○		
2013	野村	Magome H, Nomura T, Hanada A, Takeda-Kamiya N, Ohnishi T, Shinma Y, Katsumata T, Kawaide H, Kamiya Y, Yamaguchi S	CYP714B1 and CYP714B2 encode gibberellin 13-oxidases that reduce gibberellin activity in rice	Proc Natl Acad Sci USA	110:1947-1952	10.1073/pnas.1215788110		○		○		
2013	謝 野村	Kisugi T, Xie X, Kim H.I, Yoneyama K, Sado A, Akiyama K, Hayashi H, Uchida K, Yokota T, Nomura T, Yoneyama K	Strigone, isolation and identification as a natural strigolactone from <i>Houttuynia cordata</i>	Phytochemistry	87:60-64	10.1016/j.phytochem.2012.11.013		○		○		
2013	謝 野村	Xie X, Yoneyama K, Kisugi T, Uchida K, Ito S, Akiyama K, Hayashi H, Yokota T, Nomura T, Yoneyama K	Confirming Stereochemical Structures of Strigolactones Produced by Rice and Tobacco	Mol. Plant	6:153-163	10.1093/mp/sss139		○		○		
2013	和田	和田義春・大関文恵・小林朋子・桑川春樹	冷水灌漑が水稲高温登熟障害発生軽減に及ぼす影響	日本作物学会紀事	82:4:360-368	10.1626/jcs.82.360				○		