

## 原著論文一覽

(2017.2-2017.12)

著者名	論文表題名	掲載誌名	巻	号	ページ		年・月
					開始	終了	
Wang L, Fumoto T, Masumoto S, Shoji T, Miura T, Naraoka M, Matsuda N, Imaizumi T, Ohkuma H.	Regression of atherosclerosis with apple procyanidins by activating the ATP-binding cassette subfamily A member 1 in a rabbit model	Atherosclerosis	258		56	64	2017.01
Ryo Nakano Andrew C. Mason	Hearing sensitivity is more relevant to acoustic conspicuousness than to mechanical constraints in crambid moths	Biological Journal of the Linnean Society	121	1	174	184	2017.01
Atarashi M, Manabe Y, Kishimoto H, Sugawara T, Osakabe M.	Antioxidant protection by astaxanthin in the citrus red mite (Acari: Tetranychidae)	Environmental Entomology	46	5	1143	1150	2017.01
Songling Bai, Pham Anh Tuan, Takanori Saito, Akiko Ito, Benjamin Ewa Ubi, Yusuke Ban, Takaya Moriguchi	Repression of <i>TERUINAL FLOWER1</i> primarily mediates floral induction in pear ( <i>Pyrus pyrifolia</i> Nakai) concomitant with change in gene expression of plant hormone-related genes and transcription factors	Journal of Experimental Botany	68	13	4899	4914	2017.01
Sachiko Nomura, Manami Monobe, Kaori Ema, Mari Maeda-Yamamoto and Atsushi Nesumi	Comparison of the effects of three tea cultivars ( <i>Camellia sinensis</i> L.) on nitric oxide production and aortic soluble guanylate cyclase expression in high-salt diet-fed spontaneously hypertensive rats	Journal of Nutritional Science and Vitaminology	63	5	306	314	2017.01
Yutaka Sawamura, Yuko Suesada, Toshihiko Sugiura, Hideaki Yaegaki	Chilling requirements and blooming dates of leading peach cultivars and a promising early maturing peach selection, Momo Tsukuba 127	The Horticulture Journal	86	4	426	436	2017.01
Daisuke Sakamoto, Kazuhiro Fujikawa, Takami Sakaue, Hiromichi Inoue, Akiko Ito, Takaya Moriguchi, Akihiro Higashi, Toshihiko Sugiura	Application of livestock waste compost as a source of nitrogen supplementation during the fall-winter season causes dead flower buds in Japanese pear 'Kosui'	The Horticulture Journal	86	1	199	5	2017.01
三谷 宣仁, 羽山 裕子, 山根 崇嘉, 草場 新之助	果実成熟時期を左右する番花・開花期およびエテホン処理がニホンナシ 'あきづき' と '王秋' のコルク状果肉障害に及ぼす影響	園芸学研究	16	4	471	477	2017.01
河野 淳, 朽名 夏磨, 尾上 典之, 伴 雄介, 佐藤 明彦	ブドウ挿し木苗および幼苗へのブドウ黒とう病菌噴霧接種による抵抗性評価法の開発	園芸学研究	16	4	391	400	2017.01
羽山 裕子, 三谷 宣仁, 山根 崇嘉, 井上 博道, 草場 新之助	ニホンナシ 'あきづき' と '王秋' に発生するコルク状果肉障害の特徴	園芸学研究	16	1	79	87	2017.01

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紺野 祥平, 杉浦 俊彦	ビワの光合成と光および温度との関係とその季節変化	農業気象	17	4	91	96	2017.01
F. Takishita	Features of bud dormancy in citrus rootstocks and their mutually grafted seedlings	Acta horticulturae		1130	463	468	2017.02
Satoshi Toda・Koichi Hirata・Atsushi Yamamoto・Akira Matsuura	Molecular diagnostics of the R81T mutation on the D-loop region of the $\beta$ 1 subunit of the nicotinic acetylcholine receptor gene conferring resistance to neonicotinoids in the cotton aphid <i>Aphis gossypii</i> (Hemiptera: Aphididae)	Applied Entomology and Zoology	52	1	147	151	2017.02
Rodríguez A, Peris J, Redondo A, Shimada T, Costell E, Carbonell I, Rojas C, Pena L.	Impact of D-limonene synthase up- or down- regulation on sweet orange fruit and juice odor perception	Food Chemistry	217		139	150	2017.02
Takako Mochizuki, Yasuhiro Tanizawa, Takatomo Fujisawa, Tazro Ohta, Naruo Nikoh, Tokurou Shimizu, Atsushi Toyoda, Asao Fujiyama, Nori Kurata, Hideki Nagasaki, Eli Kaminuma, Yasukazu Nakamura	DNAPod: DNA polymorphism annotation database from next-generation sequence read archives	PLOS ONE	12	2	e0172269		2017.02
岸本 英成, 北野 峻伸	ハダニクロヒメテントウおよびキアシクロヒメテントウ (コウチュウ目: テントウムシ科) の北海道から九州における発生状況	日本応用動物昆虫学会誌	61	1	28	31	2017.02
Nakazono-Nagaoka E, Fujikawa T, Iwanami T.	Nucleotide sequences of Japanese isolates of citrus vein enation virus	Archives of Virology	162		879	883	2017.03
Hiroki Noda・Noriko Yamagishi・Hajime Yaegashi・Fei Xing・Jipeng Xie・Shifang Li・Tao Zhou・Tsutae Ito・Nobuyuki Yoshikawa	Apple necrotic mosaic virus, a novel ilarvirus from mosaic-diseased apple trees in Japan and China	Journal of General Plant Pathology	83	2	83	90	2017.03
Norio Takada, Masahiko Yamada, Sogo Nishio, Yutaka Sawamura, Akihiko Sato, Noriyuki Onoue, Toshihiro Saito	Existence of genetic difference in pellicle peelability in Japanese chestnut ( <i>Castanea crenata</i> Sieb. et Zucc.) cultivars and selections with difficult-peeling pellicle	The Horticulture Journal	86	4	456	462	2017.03
Atsu Yamasaki, Hiroshi Yakushiji, Hajime Iwamoto, Akifumi Azuma, Hiroyoshi Sugiura	Optimum conditions for on-tree ethanol-sticker treatment for astringency removal in 'Taigetsu' and 'Taiten' persimmons	The Horticulture Journal	86	4	463	469	2017.03

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Shigeki Moriya. Miyuki Kuniyoshi. Kazuma Okada. Taku Shimizu. Chikako Honda. Toshiya Yamamoto, H�el�ene Muranty, Caroline Denanc�e, Yuichi Katayose, Hiroyoshi Iwata	Allelic composition of <i>MdMYB1</i> drivers red skin color intensity in apple ( <i>Malus  imes domestica</i> Borkh.) and its application to breeding	Euphytica	213		DOI: 10.1007/s10681-017-1864x		2017.04
Hiroyoshi SUGIURA, Hiromichi INOUE, Osamu KATO, Takahiro TEZUKA, Sakae FURUYA, Tadashi FURUKAWA	Changes in soil organic carbon after more than ten years of continuous organic matter application in orchards in Japan	Journal of Agricultural Meteorology	73	2	77	81	2017.04
T. Sugiura, D. Sakamoto, Y. Koshita, H. Sugiura, S. Konno	Impact assessment of global warming on past changes in coloring of grape berry skins by using a model for estimating berry skin coloring	Acta horticulturae		1160	341	347	2017.05
Ikuko Nakajima, Yusuke Ban, Akifumi Azuma, Noriyuki Onoue, Takaya Moriguchi, Toshiya Yamamoto, Seiichi Toki, Masaki Endo	CRISPR/Cas9-mediated targeted mutagenesis in grape	PLoS ONE	12	5	e0177966		2017.05
Takehiko Shimada, Tomoko Endo, Ana Rodriguez, Hiroshi Fujii, Shingo Goto, Takakazu Matsuura, Yuko Hojo, Yoko Ikeda, Izumi C. Mori, Takashi Fujikawa, Leandro Pe�a, Mitsuo Omura	Ectopic accumulation of linalool confers resistance to <i>Xanthomonas citri</i> subsp. <i>citri</i> in transgenic sweet orange plants	Tree Physiology	37	5	654	664	2017.05
屋良 佳緒利, 下田 武志, 佐藤 安志	カンキツ実生とミカントゲコナジラミ (カメムシ目: コナジラミ科) を用いたシルベストリコバチ (ハチ目: ツヤコバチ科) 2系統の累代飼育法	日本応用動物昆虫学会誌	61	2	131	134	2017.05
Pham Anh Tuan, Songling Bai, Takanori Saito, Akiko Ito, Takaya Moriguchi	<i>Dormancy-associated MADS-Box (DAM)</i> and the abscisic acid pathway regulate pear endodormancy through a feedback mechanism	Plant and Cell Physiology	58	8	1378	1390	2017.06
Nobuhiro Kotoda, Satoshi Matsuo, Ichiro Honda, Kanako Yano, Tokurou Shimizu	Gibberellin 2-oxidase genes from satsuma mandarin ( <i>Citrus unshiu</i> Marc.) caused late flowering and dwarfism in transgenic	The Horticulture Journal	86	2	183	193	2017.06
Akifumi Azuma	Genetic and environmental impacts on the biosynthesis of anthocyanins in grapes	The Horticulture Journal	87		未定		2017.06

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A. Imai T. Yoshioka T. Hayashi	Quantitative trait locus (QTL) analysis of fruit-quality traits for mandarin breeding in Japan	Tree Genetics & Genomes			DOI10.1007/s11295-017-1162-8		2017.06
Hiroshi Kasai Tsutae, Ito Teruo Sano	Symptoms and molecular characterization of apple dimple fruit viroid isolates from apples in Japan	Journal of General Plant Pathology	83	4	268	272	2017.07
Mai F. Minamikawa, Keisuke Nonaka, Eli Kaminuma, Hiromi Kajiya-Kanegae, Akio Onogi, Shingo Goto, Terutaka Yoshioka, Atsushi Imai, Hiroko Hamada, Takeshi Hayashi, Satomi Matsumoto, Yuichi Katayose, Atsushi Toyoda, Asao Fujiyama, Yasukazu Nakamura, Tokurou Shimizu, and Hiroyoshi Iwata	Genome-wide association study and genomic prediction in citrus: Potential of genomics-assisted breeding for fruit quality traits	Scientific Reports	7	4721	1	13	2017.07
Fumie Nishikawa, Mitsunori Iwasaki, Hiroshi Fukamachi, Tomoko Endo	Predicting the number of flowers in satsuma mandarin ( <i>Citrus unshiu</i> Marc.) trees based on citrus <i>FLOWERING LOCUS T</i> mRNA levels	The Horticulture Journal	86	3	305	310	2017.07
Aiko Sugiyama, Yoshinori Ikoma, Hiroshi Fujii, Tomoko Endo, Hirohisa Nesumi, Takehiko Shimada	Allelic diversity of phytoene synthase gene influences the transcription level in citrus fruit among a citrus F1 hybrid population	Breeding Science	67	4	382	392	2017.08
Takao Ito, Koichi Suzuki	Universal detection of phytoplasmas and <i>Xylella</i> spp. by TaqMan singleplex and multiplex real-time PCR with dual priming oligonucleotides	PLoS ONE	12	9	e0185427		2017.09
Masaaki Sudo, Daisuke Takahashi, David A. Andow, Yoshito Suzuki, Takehiko Yamanaka	Optimal management strategy of insecticide resistance under various insect life histories: Heterogeneous timing of selection and interpatch dispersal	Evolutionary Applications			DOI: 10.1111/eva.12550		2017.11
Rei Sonobe, Yuta Miura, Tomohito Sano and Hideki Sonoe	Estimating leaf carotenoid contents of shade-grown tea using hyperspectral indices and PROSPECT-D inversion	International Journal of Remote Sensing	39	5	1	15	2017.11
Nishiyama S, Onoue N, Kono A, Sato A, Yonemori K, Tao R.	Characterization of a gene regulatory network underlying astringency loss in persimmon fruit	Planta	29		1	11	2017.11

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松浦 明, 土田 聡, 日高 春美	宮崎県で採集した殺虫剤抵抗性 関連遺伝子が異なるワタアブラ ムシ3クローンの各種殺虫剤に 対する感受性	九州病害虫研究会報	63		62	70	2017.11
藺部 礼, 佐野 智人, 堀江 秀樹	ハイパースペクトルデータ を用いたチャノキ ( <i>Camellia sinensis</i> ) のクロロフィル量推定	写真測量とリモート センシング	56	5	234	243	2017.11