Yoichiro Hoshino

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	MicroRNA319 Positively Regulates Cold Tolerance by Targeting OsPCF6 and OsTCP21 in Rice (Oryza) Tj ETQq1 3	1 0.784314 2.8	rgBT /Overl
2	Regeneration of transgenic plants of grapevine (Vitis viniferaL.) viaAgrobacteriumrhizogenesmediated transformation of embryogenic calli. Journal of Experimental Botany, 1994, 45, 649-656.	4.8	66
3	Highly efficient system of plant regeneration from protoplasts of grapevine (Vitis vinifera L.) through somatic embryogenesis by using embryogenic callus culture and activated charcoal. Plant Science, 1997, 123, 151-157.	3.6	57
4	Bialaphos stimulates shoot regeneration from hairy roots of snapdragon (Antirrhinum majus L.) transformed by Agrobacterium rhizogenes. Plant Cell Reports, 1998, 17, 256-261.	5.6	52
5	Establishment of an efficient in vitro culture and particle bombardment-mediated transformation systems in Miscanthus sinensis Anderss., a potential bioenergy crop. GCB Bioenergy, 2011, 3, 322-332.	5.6	50
6	Resistance of <i>Sclerotinia homoeocarpa</i> Field Isolates to Succinate Dehydrogenase Inhibitor Fungicides. Plant Disease, 2018, 102, 2625-2631.	1.4	39
7	In vitro culture of endosperm and its application in plant breeding: Approaches to polyploidy breeding. Scientia Horticulturae, 2011, 130, 1-8.	3.6	35
8	Evidence for a Common Origin of Homomorphic and Heteromorphic Sex Chromosomes in Distinct <i>Spinacia</i> Species. G3: Genes, Genomes, Genetics, 2015, 5, 1663-1673.	1.8	35
9	In vitro propagation for the conservation of a rare medicinal plant Justicia gendarussa Burm. f. by nodal explants and shoot regeneration from callus. Acta Physiologiae Plantarum, 2010, 32, 943-950.	2.1	34
10	Fertilization-induced changes in the microtubular architecture of the maize egg cell and zygote—an immunocytochemical approach adapted to single cells. Sexual Plant Reproduction, 2004, 17, 89-95.	2.2	32
11	Horticultural characterization of Angelonia salicariifolia plants transformed with wild-type strains of Agrobacterium rhizogenes. Plant Cell Reports, 2003, 21, 981-987.	5.6	30
12	Plant regeneration with maintenance of the endosperm ploidy level by endosperm culture in Lonicera caerulea var. emphyllocalyx. Plant Cell, Tissue and Organ Culture, 2009, 98, 291-301.	2.3	30
13	Adventitious shoot regeneration from cultured petal explants of carnation. Plant Cell, Tissue and Organ Culture, 1994, 36, 15-19.	2.3	28
14	Ploidy distribution and DNA content variations of Lonicera caerulea (Caprifoliaceae) in Japan. Journal of Plant Research, 2011, 124, 1-9.	2.4	27
15	Isolation of Individual Egg Cells and Zygotes in Alstroemeria Followed by Manual Selection with a Microcapillary-connected Micropump. Annals of Botany, 2006, 97, 1139-1144.	2.9	22
16	Detection of changes in the nuclear phase and evaluation of male germ units by flow cytometry during in vitro pollen tube growth in Alstroemeria aurea. Journal of Plant Research, 2009, 122, 225-234.	2.4	20
17	Suppression of B function strongly supports the modified ABCE model in Tricyrtis sp. (Liliaceae). Scientific Reports, 2016, 6, 24549.	3.3	20
18	Interspecific hybridization in Lonicera caerulea and Lonicera gracilipes: The occurrence of green/albino plants by reciprocal crossing. Scientia Horticulturae, 2010, 125, 692-699.	3.6	19

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19	Assessment of genetic relationships among cultivated and wild Rubus accessions using AFLP markers. Scientia Horticulturae, 2015, 193, 165-173.	3.6	19
20	Explants of Ri-transformed hairy roots of spinach can develop embryogenic calli in the absence of gibberellic acid, an essential growth regulator for induction of embryogenesis from non-transformed roots. Plant Science, 2002, 163, 223-231.	3.6	17
21	Agrobacterium-mediated transformation of Saintpaulia ionantha Wendl Plant Science, 2001, 161, 953-960.	3.6	16
22	Plant regeneration from cell suspension-derived protoplasts of Saintpaulia ionantha Wendl. Plant Cell Reports, 1995, 14, 341-4.	5.6	15
23	Production of Transgenic Grapevine (Vitis vinifera L. cv. Koshusanjaku) Plants by Co-cultivation of Embryogenic Calli with Agrobacterium tumefaciens and Selecting Secondary Embryos. Plant Biotechnology, 1998, 15, 29-33.	1.0	13
24	Sperm dimorphism in terms of nuclear shape and microtubule accumulation in Cyrtanthus mackenii. Sexual Plant Reproduction, 2010, 23, 153-162.	2.2	13
25	Characterization of CYCLOIDEA-like genes in controlling floral zygomorphy in the monocotyledon Alstroemeria. Scientia Horticulturae, 2014, 169, 6-13.	3.6	13
26	Interploid and intraploid hybridizations to produce polyploid Haskap (Lonicera caerulea var.) Tj ETQq0 0 0 rgBT /C	Dverlock 1 1.2	0 Tf 50 462 ⁻
27	Isolation of embryo sacs from Dianthus ovules by enzymatic treatments and microdissection. Plant Cell Reports, 2000, 19, 443-447.	5.6	10
28	In Vitro Fertilization With Isolated Higher Plant Gametes. Methods in Molecular Biology, 2008, 427, 51-69.	0.9	10
29	Pollen morphology and infrageneric classification of <i>Alstroemeria</i> L. (Alstroemeriaceae). Grana, 2010, 49, 227-242.	0.8	10
30	DNA damage response in male gametes of Cyrtanthus mackenii during pollen tube growth. AoB PLANTS, 2013, 5, plt004-plt004.	2.3	10
31	Comparison of anthocyanin distribution in berries of Haskap (Lonicera caerulea subsp. edulis (Turcz.) Tj ETQq1 1 using imaging mass spectrometry. Plant Science, 2020, 300, 110633.	0.784314 3.6	rgBT /Overla 10
32	Endosperm-derived triploid plant regeneration in diploid Actinidia kolomikta , a cold-hardy kiwifruit relative. Scientia Horticulturae, 2017, 219, 53-59.	3.6	9
33	Morphological dormancy in seeds of the autumn-germinating shrubLonicera caeruleavar.emphyllocalyx(Caprifoliaceae). Plant Species Biology, 2009, 24, 20-26.	1.0	8
34	Dynamics of nuclear phase changes during pollen tube growth by using in vitro culture in Petunia. Scientia Horticulturae, 2016, 210, 143-149.	3.6	8
35	Evaluation of plant regeneration ability of different explants and establishment of an efficient regeneration system using immature seeds in Actinidia kolomikta , a cold-hardy kiwifruit relative. Scientia Horticulturae, 2017, 220, 275-282.	3.6	8

 $_{36}$ Branch regeneration induced by sever damage in the brown alga Dictyota dichotoma (dictyotales,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50

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37	Efficient plant regeneration from cell cultures of ornamental statice, Limonium sinuatum mill In Vitro Cellular and Developmental Biology - Plant, 2002, 38, 157-162.	2.1	7
38	Distribution, Ploidy Levels, and Fruit Characteristics of Three <i>Actinidia</i> Species Native to Hokkaido, Japan. Horticulture Journal, 2016, 85, 105-114.	0.8	7
39	Nucleic adaptability of heterokaryons to fungicides in a multinucleate fungus, Sclerotinia homoeocarpa. Fungal Genetics and Biology, 2018, 115, 64-77.	2.1	7
40	<i>Respiratory burst oxidaseâ€D</i> Expression and Biochemical Responses in <i>Festuca arundinacea</i> under Drought Stress. Crop Science, 2018, 58, 435-442.	1.8	7
41	Simultaneous production of triploid and hexaploid plants by endosperm culture with colchicine treatment in diploid Haemanthus albiflos. Plant Cell, Tissue and Organ Culture, 2021, 144, 661-669.	2.3	7
42	Transgenic bialaphos-resistant snapdragon (Antirrhinum majus L.) produced by Agrobacterium rhizogenes transformation. Scientia Horticulturae, 1998, 76, 37-57.	3.6	6
43	Evaluation of Fruit Anthocyanin Composition by LC/MS in Interspecific Hybrids Between Haskap (<i>Lonicera caerulea</i> subsp. <i>edulis</i> (Turcz. ex. Herder) Hultén) and Miyama-uguisukagura (<i>Lonicera gracilipes</i> Miq.). Horticulture Journal, 2020, 89, 343-350.	0.8	6
44	Plant regeneration from suspension cells induced from hypocotyls derived from interspecific cross Alstroemeria pelegrinaÂ×ÂA. magenta and transformation with Agrobacterium tumefaciens. Plant Cell, Tissue and Organ Culture, 2008, 94, 45-54.	2.3	5
45	Efficient Harvesting of Japanese Blue Honeysuckle. Engineering in Agriculture, Environment and Food, 2011, 4, 12-17.	0.5	5
46	Pollen morphology and its taxonomic significance in the genus Bomarea Mirb. (Alstroemeriaceae) - I. Subgenera Baccata, Sphaerine, and Wichuraea. Acta Botanica Brasilica, 2015, 29, 425-432.	0.8	5
47	Estimation of chromosome number among the progeny of a self-pollinated population of triploid Senno (Lychnis senno Siebold et Zucc.) by flow cytometry. Scientia Horticulturae, 2019, 256, 108542.	3.6	5
48	Phylogeny and trait variation of Japanese Rubus subgenus Ideaobatus. Scientia Horticulturae, 2020, 264, 109150.	3.6	5
49	Evaluation of seedling emergence and relative <scp>DNA</scp> content under dry soil conditions of wild <i><scp>F</scp>estuca arundinacea</i> populations collected in Iran. Grassland Science, 2015, 61, 6-14.	1.1	4
50	Regulation of dedifferentiation and differentiation in different explants of Papaver rhoeas L. by one-step culture. Scientia Horticulturae, 2019, 246, 366-370.	3.6	4
51	Genetic Structure of Native Blue Honeysuckle Populations in the Western and Eastern Eurasian Ranges. Plants, 2022, 11, 1480.	3.5	4
52	Flower form alteration by genetic transformation with the class B MADS-box genes of Agapanthus praecox spp. orientalis in transgenic dicot and monocot plants. Molecular Breeding, 2007, 20, 425-429.	2.1	3
53	Isolation and characterization of the plant <i>glsA</i> promoter from <i>Alstroemeria</i> . Plant Biology, 2009, 11, 878-885.	3.8	3

Rapid and efficient callus induction and plant regeneration from seeds of zoysiagrass (<i>Zoysia) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6

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55	Evaluation of female gamete fertility through histological observation by the clearing procedure in <i>Lilium</i> cultivars. Breeding Science, 2018, 68, 360-366.	1.9	3
56	Interspecific Hybridization Using Miyama Matatabi (<i>Actinidia kolomikta</i>), a Japanese Indigenous Wild Kiwifruit Relative. Horticulture Journal, 2018, 87, 481-489.	0.8	3
57	Diploid Male Gametes Circumvent Hybrid Sterility Between Asian and African Rice Species. Frontiers in Plant Science, 2020, 11, 579305.	3.6	3
58	Intergeneric somatic hybrid plantlets between Dianthus barbatus and Gypsophila paniculata obtained by electrofusion. Theoretical and Applied Genetics, 1996, 92, 170-172.	3.6	3
59	Pollen morphology and its taxonomic significance in the genus Bomarea Mirb. (Alstroemeriaceae) - II. Subgenus Bomarea. Acta Botanica Brasilica, 2015, 29, 586-596.	0.8	2
60	Evaluation of pollen tube growth ability in <i>Petunia</i> species having different style lengths. Plant Biotechnology, 2022, 39, 85-92.	1.0	2
61	ANALYSIS OF EXPRESSED PROTEINS IN THE POLLEN TUBE OCCURRING SELF-INCOMPATIBLE RESPONSE USING MASS OR SINGLE-CULTURE SYSTEM OF MATURE POLLEN IN CITRUS. Acta Horticulturae, 2015, , 1267-1274.	0.2	0
62	Formation and establishment of neopolyploids from sterile hybrids in Drosera in a disturbed environment. Folia Geobotanica, 2020, 55, 185-193.	0.9	0
63	In Vitro Self-incompatible-like Response Applied for Protein Identification and Gene Expression Analysis in Citrus Cultivars, Banpeiyu and Hyuganatsu. Journal of the American Society for Horticultural Science, 2015, 140, 339-345.	1.0	0
64	Production of tetraploid and octoploid Haemanthus albiflos plants using immature embryo-derived embryogenic calli treated with colchicine. Plant Cell, Tissue and Organ Culture, 0, , 1.	2.3	0