

# Richard G F Visser

## List of Publications by Year in descending order

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504  
papers

29,789  
citations

5268

83  
h-index

10734

138  
g-index

527  
all docs

527  
docs citations

527  
times ranked

20750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility reversed: modified plant susceptibility genes for resistance to bacteria. Trends in Plant Science, 2022, 27, 69-79.	8.8	31
2	Transcriptomic Responses of Potato to Drought Stress. Potato Research, 2022, 65, 289-305.	2.7	5
3	<i>De novo</i> whole-genome assembly of <i>Chrysanthemum makinoi</i>, a key wild chrysanthemum. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	10
4	Low CO2 Levels Are Detrimental for In Vitro Plantlets through Disturbance of Photosynthetic Functionality and Accumulation of Reactive Oxygen Species. Horticulturae, 2022, 8, 44.	2.8	8
5	Silencing susceptibility genes in potato hinders primary infection with <i>Phytophthora infestans</i> at different stages. Horticulture Research, 2022, 9, .	6.3	14
6	Allelic variation for alpha-Glucan Water Dikinase is associated with starch phosphate content in tetraploid potato. Plant Molecular Biology, 2022, 108, 469-480.	3.9	3
7	Phased, chromosome-scale genome assemblies of tetraploid potato reveal a complex genome, transcriptome, and predicted proteome landscape underpinning genetic diversity. Molecular Plant, 2022, 15, 520-536.	8.3	72
8	Does tomato breeding for improved performance under LED supplemental lighting make sense?. Euphytica, 2022, 218, 1.	1.2	0
9	Drought Stress Interacts With Powdery Mildew Infection in Tomato. Frontiers in Plant Science, 2022, 13, 845379.	3.6	10
10	Genotype-by-Environment Interaction for Quantitative Trait Loci Affecting Nitrogen Use Efficiency and Associated Traits in Potato. Potato Research, 2022, 65, 777-807.	2.7	2
11	Phenotyping of a diverse tomato collection for postharvest shelf-life. Postharvest Biology and Technology, 2022, 188, 111908.	6.0	5
12	Both major QTL and plastid-based inheritance of intumescence in diverse tomato (<sc><i>Solanum</i> Tj ETQq0 0 0 rgBT /Overlock 10 574-584.	1.9	2
13	Crucial factors for the feasibility of commercial hybrid breeding in food crops. Nature Plants, 2022, 8, 463-473.	9.3	23
14	Deciphering resistance to Zymoseptoria tritici in the Tunisian durum wheat landrace accession â€ˆAgili39â€™. BMC Genomics, 2022, 23, 372.	2.8	7
15	The role of scale explants in the growth of regenerating lily bulblets in vitro. Plant Cell, Tissue and Organ Culture, 2022, 149, 589-598.	2.3	1
16	Expression of anthocyanin biosynthesis-related genes during flower development in Lilium spp.. Plant Gene, 2022, , 100372.	2.3	1
17	Blue light increases anthocyanin content and delays fruit ripening in purple pepper fruit. Postharvest Biology and Technology, 2022, 192, 112024.	6.0	23
18	Potato CYCLING DOF FACTORâ€ˆ1 and its lncRNA counterpart <i>StFLORE</i> link tuber development and drought response. Plant Journal, 2021, 105, 855-869.	5.7	64

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19	Extracting knowledge networks from plant scientific literature: potato tuber flesh color as an exemplary trait. <i>BMC Plant Biology</i> , 2021, 21, 198.	3.6	3
20	Discovery and Characterization of a Novel Tomato mlo Mutant from an EMS Mutagenized Micro-Tom Population. <i>Genes</i> , 2021, 12, 719.	2.4	6
21	Allelic variants of the NLR protein Rpi-ehc1 differentially recognize members of the <i>Phytophthora infestans</i> PexRD12/31 effector superfamily through the leucine-rich repeat domain. <i>Plant Journal</i> , 2021, 107, 182-197.	5.7	19
22	Using probabilistic genotypes in linkage analysis of polyploids. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2443-2457.	3.6	5
23	The amino acid permease ( <i>AAP</i> ) genes <i>CsAAP2A</i> and <i>SlAAP5A</i> / <i>B</i> are required for oomycete susceptibility in cucumber and tomato. <i>Molecular Plant Pathology</i> , 2021, 22, 658-672.	4.2	10
24	Europe's Farm to Fork Strategy and Its Commitment to Biotechnology and Organic Farming: Conflicting or Complementary Goals?. <i>Trends in Plant Science</i> , 2021, 26, 600-606.	8.8	58
25	Neofunctionalisation of the <i>Sli</i> gene leads to self-compatibility and facilitates precision breeding in potato. <i>Nature Communications</i> , 2021, 12, 4141.	12.8	43
26	Mapping Recombination Landscape and Basidial Spore Number in the Button Mushroom <i>Agaricus bisporus</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	0
27	Detecting quantitative trait loci and exploring chromosomal pairing in autopolyploids using polyqTLR. <i>Bioinformatics</i> , 2021, 37, 3822-3829.	4.1	18
28	Understanding the Effectiveness of Genomic Prediction in Tetraploid Potato. <i>Frontiers in Plant Science</i> , 2021, 12, 672417.	3.6	18
29	High-Resolution Analysis of Growth and Transpiration of Quinoa Under Saline Conditions. <i>Frontiers in Plant Science</i> , 2021, 12, 634311.	3.6	10
30	Qualitative and Quantitative Resistance against Early Blight Introgressed in Potato. <i>Biology</i> , 2021, 10, 892.	2.8	13
31	Hypolignification: A Decisive Factor in the Development of Hyperhydricity. <i>Plants</i> , 2021, 10, 2625.	3.5	7
32	Genetic mapping of the tomato quality traits brix and blossom-end rot under supplemental LED and HPS lighting conditions. <i>Euphytica</i> , 2021, 217, 1.	1.2	4
33	Aphid resistance in <i>Capsicum</i> maps to a locus containing LRR-RLK gene analogues. <i>Theoretical and Applied Genetics</i> , 2020, 133, 227-237.	3.6	15
34	Genetic Diversity of Potato Cultivars for Nitrogen Use Efficiency Under Contrasting Nitrogen Regimes. <i>Potato Research</i> , 2020, 63, 267-290.	2.7	10
35	Carbon partitioning mechanisms in POTATO under drought stress. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 211-219.	5.8	67
36	Optimisation of droplet digital PCR for determining copy number variation of $\gamma$ -gliadin genes in mutant and gene-edited polyploid bread wheat. <i>Journal of Cereal Science</i> , 2020, 92, 102903.	3.7	23

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37	The NLR Protein Encoded by the Resistance Gene Ty-2 Is Triggered by the Replication-Associated Protein Rep/C1 of Tomato Yellow Leaf Curl Virus. <i>Frontiers in Plant Science</i> , 2020, 11, 545306.	3.6	26
38	Haplotype-resolved genome analyses of a heterozygous diploid potato. <i>Nature Genetics</i> , 2020, 52, 1018-1023.	21.4	134
39	Analysis of QTL DM4.1 for Downy Mildew Resistance in Cucumber Reveals Multiple subQTL: A Novel RLK as Candidate Gene for the Most Important subQTL. <i>Frontiers in Plant Science</i> , 2020, 11, 569876.	3.6	14
40	Editorial: Leeway to Operate With Plant Genetic Resources. <i>Frontiers in Plant Science</i> , 2020, 11, 911.	3.6	4
41	Solyntus, the New Highly Contiguous Reference Genome for Potato ( <i>Solanum tuberosum</i> ). G3: Genes, Genomes, Genetics, 2020, 10, 3489-3495.	1.8	40
42	A Hitchhiker's guide to the potato wart disease resistance galaxy. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3419-3439.	3.6	8
43	Improving Pathogen Resistance by Exploiting Plant Susceptibility Genes in Coffee ( <i>Coffea</i> spp.). <i>Agronomy</i> , 2020, 10, 1928.	3.0	8
44	Exploration of a Resequenced Tomato Core Collection for Phenotypic and Genotypic Variation in Plant Growth and Fruit Quality Traits. <i>Genes</i> , 2020, 11, 1278.	2.4	24
45	The genetic and functional analysis of flavor in commercial tomato: the <i>FLORAL4</i> gene underlies a QTL for floral aroma volatiles in tomato fruit. <i>Plant Journal</i> , 2020, 103, 1189-1204.	5.7	35
46	Differential responses to salt stress in ion dynamics, growth and seed yield of European quinoa varieties. <i>Environmental and Experimental Botany</i> , 2020, 177, 104146.	4.2	24
47	CRISPR/Cas9-targeted mutagenesis of the tomato susceptibility gene PMR4 for resistance against powdery mildew. <i>BMC Plant Biology</i> , 2020, 20, 284.	3.6	114
48	Options to Reform the European Union Legislation on GMOs: Risk Governance. <i>Trends in Biotechnology</i> , 2020, 38, 349-351.	9.3	15
49	Identification of QTLs Associated with Nitrogen Use Efficiency and Related Traits in a Diploid Potato Population. <i>American Journal of Potato Research</i> , 2020, 97, 185-201.	0.9	11
50	Enabling reusability of plant phenomic datasets with MIAPPE 1.1. <i>New Phytologist</i> , 2020, 227, 260-273.	7.3	84
51	Divergent Evolution of PcF/SCR74 Effectors in Oomycetes Is Associated with Distinct Recognition Patterns in Solanaceous Plants. <i>MBio</i> , 2020, 11, .	4.1	11
52	Distribution of P1(D1) wart disease resistance in potato germplasm and GWAS identification of haplotype-specific SNP markers. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1859-1871.	3.6	25
53	Options to Reform the European Union Legislation on GMOs: Scope and Definitions. <i>Trends in Biotechnology</i> , 2020, 38, 231-234.	9.3	44
54	Morphological and physiological responses of the potato stem transport tissues to dehydration stress. <i>Planta</i> , 2020, 251, 45.	3.2	19

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55	The ability to manipulate ROS metabolism in pepper may affect aphid virulence. Horticulture Research, 2020, 7, 6.	6.3	10
56	Options to Reform the European Union Legislation on GMOs: Post-authorization and Beyond. Trends in Biotechnology, 2020, 38, 465-467.	9.3	9
57	RLP/K enrichment sequencing; a novel method to identify receptor-like protein (RLP) and receptor-like kinase (RLK) genes. New Phytologist, 2020, 227, 1264-1276.	7.3	32
58	Dissecting the Genotypic Variation of Growth Responses to Far-Red Radiation in Tomato. Frontiers in Plant Science, 2020, 11, 614714.	3.6	2
59	Development of an <i>in vitro</i> protocol to screen <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> pathogenicity in different <i>Solanum</i> species. Plant Pathology, 2019, 68, 42-48.	2.4	11
60	Outlook for coeliac disease patients: towards bread wheat with hypoimmunogenic gluten by gene editing of $\alpha$ - and $\beta$ -gliadin gene families. BMC Plant Biology, 2019, 19, 333.	3.6	75
61	The <i>Synchytrium endobioticum</i> AvrSen1 Triggers a Hypersensitive Response in <i>Sen1</i> Potatoes While Natural Variants Evade Detection. Molecular Plant-Microbe Interactions, 2019, 32, 1536-1546.	2.6	14
62	Genetic mapping of tuber size distribution and marketable tuber yield under drought stress in potatoes. Euphytica, 2019, 215, 1.	1.2	21
63	Genome-wide association analysis in tetraploid potato reveals four QTLs for protein content. Molecular Breeding, 2019, 39, 1.	2.1	24
64	Shoot sodium exclusion in salt stressed barley ( <i>Hordeum vulgare</i> L.) is determined by allele specific increased expression of HKT1;5. Journal of Plant Physiology, 2019, 241, 153029.	3.5	26
65	Far-red radiation increases dry mass partitioning to fruits but reduces <i>Botrytis cinerea</i> resistance in tomato. Environmental and Experimental Botany, 2019, 168, 103889.	4.2	51
66	High light accelerates potato flowering independently of the FT-like flowering signal StSP3D. Environmental and Experimental Botany, 2019, 160, 35-44.	4.2	9
67	Haplotype assembly of autotetraploid potato using integer linear programming. Bioinformatics, 2019, 35, 3279-3286.	4.1	10
68	Comparative Subsequence Sets Analysis (CoSSA) is a robust approach to identify haplotype specific SNPs; mapping and pedigree analysis of a potato wart disease resistance gene <i>Sen3</i> . Plant Methods, 2019, 15, 60.	4.3	17
69	Family-Based Haplotype Estimation and Allele Dosage Correction for Polyploids Using Short Sequence Reads. Frontiers in Genetics, 2019, 10, 335.	2.3	12
70	A rapid method to screen wild <i>Solanum</i> for resistance to early blight. European Journal of Plant Pathology, 2019, 154, 109-114.	1.7	12
71	Development of the GlutEnSeq capture system for sequencing gluten gene families in hexaploid bread wheat with deletions or mutations induced by $\gamma$ -irradiation or CRISPR/Cas9. Journal of Cereal Science, 2019, 88, 157-166.	3.7	28
72	Source-Sink Regulation Is Mediated by Interaction of an FT Homolog with a SWEET Protein in Potato. Current Biology, 2019, 29, 1178-1186.e6.	3.9	137

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73	Food and environmental safety assessment of new plant varieties after the European Court decision: Process-triggered or product-based?. Trends in Food Science and Technology, 2019, 88, 24-32.	15.1	10
74	Quantifying the Power and Precision of QTL Analysis in Autopolyploids Under Bivalent and Multivalent Genetic Models. G3: Genes, Genomes, Genetics, 2019, 9, 2107-2122.	1.8	30
75	Breeding Has Increased the Diversity of Cultivated Tomato in The Netherlands. Frontiers in Plant Science, 2019, 10, 1606.	3.6	79
76	High-Altitude Wild Species <i>Solanum arcanum</i> LA385â€”A Potential Source for Improvement of Plant Growth and Photosynthetic Performance at Suboptimal Temperatures. Frontiers in Plant Science, 2019, 10, 1163.	3.6	7
77	The ROSEA1 and DELILA transcription factors control anthocyanin biosynthesis in <i>Nicotiana benthamiana</i> and <i>Lilium</i> flowers. Scientia Horticulturae, 2019, 243, 327-337.	3.6	17
78	The tuberization signal StSP6A represses flower bud development in potato. Journal of Experimental Botany, 2019, 70, 937-948.	4.8	35
79	QTL mapping of insect resistance components of <i>Solanum galapagense</i> . Theoretical and Applied Genetics, 2019, 132, 531-541.	3.6	37
80	The effect of isolation methods of tomato pollen on the results of metabolic profiling. Metabolomics, 2019, 15, 11.	3.0	4
81	Patterns of Transmission Ratio Distortion in Interspecific Lettuce Hybrids Reveal a Sex-Independent Gametophytic Barrier. Genetics, 2019, 211, 263-276.	2.9	17
82	Coincidence of potato CONSTANS ( StCOL1 ) expression and light cannot explain nightâ€”break repression of tuberization. Physiologia Plantarum, 2019, 167, 250-263.	5.2	4
83	The ELR-SOBIR1 Complex Functions as a Two-Component Receptor-Like Kinase to Mount Defense Against <i>Phytophthora infestans</i> . Molecular Plant-Microbe Interactions, 2018, 31, 795-802.	2.6	46
84	Two different <i>R</i> gene loci co-evolved with <i>Avr2</i> of <i>Phytophthora infestans</i> and confer distinct resistance specificities in potato. Studies in Mycology, 2018, 89, 105-115.	7.2	49
85	Gapless Genome Assembly of the Potato and Tomato Early Blight Pathogen <i>Alternaria solani</i> . Molecular Plant-Microbe Interactions, 2018, 31, 692-694.	2.6	48
86	Folate Biofortification of Potato by Tuber-Specific Expression of Four Folate Biosynthesis Genes. Molecular Plant, 2018, 11, 175-188.	8.3	49
87	polymapâ€”linkage analysis and genetic map construction from F1 populations of outcrossing polyploids. Bioinformatics, 2018, 34, 3496-3502.	4.1	99
88	Genetically engineering <i>Crambe abyssinica</i> â€”A potentially high-value oil crop for salt land improvement. Land Degradation and Development, 2018, 29, 1096-1106.	3.9	14
89	Food processing and breeding strategies for coeliac-safe and healthy wheat products. Food Research International, 2018, 110, 11-21.	6.2	35
90	Heterologous expression of two <i>Arabidopsis</i> starch dikinases in potato. Starch/Staerke, 2018, 70, 1600324.	2.1	3

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91	Plant behaviour under combined stress: tomato responses to combined salinity and pathogen stress. <i>Plant Journal</i> , 2018, 93, 781-793.	5.7	163
92	Genetic Characterization of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> Population in Turkey. <i>Plant Disease</i> , 2018, 102, 300-308.	1.4	7
93	Development of Wheat With Hypoimmunogenic Gluten Obstructed by the Gene Editing Policy in Europe. <i>Frontiers in Plant Science</i> , 2018, 9, 1523.	3.6	50
94	Bidirectional backcrosses between wild and cultivated lettuce identify loci involved in nonhost resistance to downy mildew. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1761-1776.	3.6	9
95	Exploring natural genetic variation in tomato sucrose synthases on the basis of increased kinetic properties. <i>PLoS ONE</i> , 2018, 13, e0206636.	2.5	11
96	EU court casts new plant breeding techniques into regulatory limbo. <i>Nature Biotechnology</i> , 2018, 36, 799-800.	17.5	47
97	QTL mapping in diploid potato by using selfed progenies of the cross <i>S. tuberosum</i> × <i>S. chacoense</i> . <i>Euphytica</i> , 2018, 214, 121.	1.2	21
98	Drought response in field grown potatoes and the interactions between canopy growth and yield. <i>Agricultural Water Management</i> , 2018, 206, 20-30.	5.6	60
99	A Welcome Proposal to Amend the GMO Legislation of the EU. <i>Trends in Biotechnology</i> , 2018, 36, 1100-1103.	9.3	47
100	Multi-environment QTL analysis of plant and flower morphological traits in tetraploid rose. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2055-2069.	3.6	30
101	Tools for Genetic Studies in Experimental Populations of Polyploids. <i>Frontiers in Plant Science</i> , 2018, 9, 513.	3.6	175
102	The Role of Tomato WRKY Genes in Plant Responses to Combined Abiotic and Biotic Stresses. <i>Frontiers in Plant Science</i> , 2018, 9, 801.	3.6	135
103	The European Union Court's Advocate General's Opinion and new plant breeding techniques. <i>Nature Biotechnology</i> , 2018, 36, 573-575.	17.5	30
104	Anthocyanin Biosynthesis and Degradation Mechanisms in Solanaceous Vegetables: A Review. <i>Frontiers in Chemistry</i> , 2018, 6, 52.	3.6	456
105	Genetical genomics of quality related traits in potato tubers using proteomics. <i>BMC Plant Biology</i> , 2018, 18, 20.	3.6	18
106	The assessment of field trials in GMO research around the world and their possible integration in field trials for variety registration. <i>Transgenic Research</i> , 2018, 27, 321-329.	2.4	17
107	Resistance to Tomato Yellow Leaf Curl Virus in Tomato Germplasm. <i>Frontiers in Plant Science</i> , 2018, 9, 1198.	3.6	85
108	QTLTableMiner++: semantic mining of QTL tables in scientific articles. <i>BMC Bioinformatics</i> , 2018, 19, 183.	2.6	8

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109	Differential Response of Mungbean ( <i>Vigna radiata</i> L.) Varieties to Changes in Environmental Conditions. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 2343-2350.	0.1	1
110	Stability Analysis in Mungbean ( <i>Vigna radiata</i> L.) for Micronutrients (Fe & Zn) and Seed Yield. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 419-423.	0.1	0
111	Evaluation of <i>Miscanthus sinensis</i> biomass quality as feedstock for conversion into different bioenergy products. <i>GCB Bioenergy</i> , 2017, 9, 176-190.	5.6	70
112	Impact of drought stress on growth and quality of miscanthus for biofuel production. <i>GCB Bioenergy</i> , 2017, 9, 770-782.	5.6	85
113	Partial preferential chromosome pairing is genotype dependent in tetraploid rose. <i>Plant Journal</i> , 2017, 90, 330-343.	5.7	72
114	Functional characterization of the powdery mildew susceptibility gene SmMLO1 in eggplant ( <i>Solanum</i> ) Tj ETQq0 0.0 µgBT /Overlock 10	2.4	2
115	Potato starch synthases: Functions and relationships. <i>Biochemistry and Biophysics Reports</i> , 2017, 10, 7-16.	1.3	44
116	Developments in breeding of <i>Agaricus bisporus</i> var. <i>bisporus</i> : progress made and technical and legal hurdles to take. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1819-1829.	3.6	49
117	Azacytidine and miR156 promote rooting in adult but not in juvenile <i>Arabidopsis</i> tissues. <i>Journal of Plant Physiology</i> , 2017, 208, 52-60.	3.5	22
118	Screening for pollen tolerance to high temperatures in tomato. <i>Euphytica</i> , 2017, 213, 1.	1.2	64
119	Genetic mapping and QTL analysis of <i>Botrytis</i> resistance in <i>Gerbera hybrida</i> . <i>Molecular Breeding</i> , 2017, 37, 13.	2.1	21
120	Deciphering the genetic control of fruit texture in apple by multiple family-based analysis and genome-wide association. <i>Journal of Experimental Botany</i> , 2017, 68, 1451-1466.	4.8	50
121	Frequency of a natural truncated allele of MdmLO19 in the germplasm of <i>Malus domestica</i> . <i>Molecular Breeding</i> , 2017, 37, 7.	2.1	11
122	Effector-mediated discovery of a novel resistance gene against <i>Bremia lactucae</i> in a nonhost lettuce species. <i>New Phytologist</i> , 2017, 216, 915-926.	7.3	28
123	An ultra-dense integrated linkage map for hexaploid chrysanthemum enables multi-allelic QTL analysis. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2527-2541.	3.6	52
124	Evaluation of LD decay and various LD-decay estimators in simulated and SNP-array data of tetraploid potato. <i>Theoretical and Applied Genetics</i> , 2017, 130, 123-135.	3.6	158
125	Graphical genotyping as a method to map <i>Ny (o,n)sto</i> and <i>Gpa5</i> using a reference panel of tetraploid potato cultivars. <i>Theoretical and Applied Genetics</i> , 2017, 130, 515-528.	3.6	29
126	Untargeted metabolomic analysis of tomato pollen development and heat stress response. <i>Plant Reproduction</i> , 2017, 30, 81-94.	2.2	75



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127	Etiolation and flooding of donor plants enhance the capability of Arabidopsis explants to root. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 531-541.	2.3	11
128	Genetic complexity of miscanthus cell wall composition and biomass quality for biofuels. <i>BMC Genomics</i> , 2017, 18, 406.	2.8	22
129	Functional characterization of cucumber ( <i>Cucumis sativus</i> L.) Clade V MLO genes. <i>BMC Plant Biology</i> , 2017, 17, 80.	3.6	29
130	Starch phosphorylation plays an important role in starch biosynthesis. <i>Carbohydrate Polymers</i> , 2017, 157, 1628-1637.	10.2	35
131	Breeding for postharvest performance in chrysanthemum by selection against storage-induced degreening of disk florets. <i>Postharvest Biology and Technology</i> , 2017, 124, 45-53.	6.0	12
132	Genetic architecture of plant stress resistance: multi-trait genome-wide association mapping. <i>New Phytologist</i> , 2017, 213, 1346-1362.	7.3	144
133	Evaluation of both targeted and non-targeted cell wall polysaccharides in transgenic potatoes. <i>Carbohydrate Polymers</i> , 2017, 156, 312-321.	10.2	7
134	Genetic Diversity of Salt Tolerance in Miscanthus. <i>Frontiers in Plant Science</i> , 2017, 8, 187.	3.6	26
135	De Novo Assembly of Complete Chloroplast Genomes from Non-model Species Based on a K-mer Frequency-Based Selection of Chloroplast Reads from Total DNA Sequences. <i>Frontiers in Plant Science</i> , 2017, 8, 1271.	3.6	18
136	Functional Characterization of a Syntaxin Involved in Tomato ( <i>Solanum lycopersicum</i> ) Resistance against Powdery Mildew. <i>Frontiers in Plant Science</i> , 2017, 8, 1573.	3.6	6
137	Engineering Potato Starch with a Higher Phosphate Content. <i>PLoS ONE</i> , 2017, 12, e0169610.	2.5	28
138	Silencing of DND1 in potato and tomato impedes conidial germination, attachment and hyphal growth of <i>Botrytis cinerea</i> . <i>BMC Plant Biology</i> , 2017, 17, 235.	3.6	20
139	A tandem CBM25 domain of Î±-amylase from <i>Microbacterium aurum</i> as potential tool for targeting proteins to starch granules during starch biosynthesis. <i>BMC Biotechnology</i> , 2017, 17, 86.	3.3	4
140	Conclusive evidence for hexasomic inheritance in chrysanthemum based on analysis of a 183k SNP array. <i>BMC Genomics</i> , 2017, 18, 585.	2.8	35
141	Transcriptome Analysis of <i>Gerbera hybrida</i> Including in silico Confirmation of Defense Genes Found. <i>Frontiers in Plant Science</i> , 2016, 7, 247.	3.6	23
142	Genome-Wide Study of the Tomato SIMLO Gene Family and Its Functional Characterization in Response to the Powdery Mildew Fungus <i>Oidium neolycopersici</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 380.	3.6	61
143	Systems genetics reveals key genetic elements of drought induced gene regulation in diploid potato. <i>Plant, Cell and Environment</i> , 2016, 39, 1895-1908.	5.7	14
144	The knockdown of the expression of <i>MdMLO19</i> reduces susceptibility to powdery mildew ( <i>Podosphaera leucotricha</i> ) in apple ( <i>Malus domestica</i> ). <i>Plant Biotechnology Journal</i> , 2016, 14, 2033-2044.	8.3	60

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145	Silencing of six susceptibility genes results in potato late blight resistance. <i>Transgenic Research</i> , 2016, 25, 731-742.	2.4	89
146	Responses to combined abiotic and biotic stress in tomato are governed by stress intensity and resistance mechanism. <i>Journal of Experimental Botany</i> , 2016, 67, 5119-5132.	4.8	87
147	A detailed analysis of the recombination landscape of the button mushroom <i>Agaricus bisporus</i> var. <i>bisporus</i> . <i>Fungal Genetics and Biology</i> , 2016, 93, 35-45.	2.1	75
148	Integrating haplotype-specific linkage maps in tetraploid species using SNP markers. <i>Theoretical and Applied Genetics</i> , 2016, 129, 2211-2226.	3.6	51
149	Integration of multi-omics data for prediction of phenotypic traits using random forest. <i>BMC Bioinformatics</i> , 2016, 17, 180.	2.6	62
150	Inheritance and QTL analysis of the determinants of flower color in tetraploid cut roses. <i>Molecular Breeding</i> , 2016, 36, 143.	2.1	19
151	High-density SNP-based genetic maps for the parents of an outcrossed and a selfed tetraploid garden rose cross, inferred from admixed progeny using the 68k rose SNP array. <i>Horticulture Research</i> , 2016, 3, 16052.	6.3	42
152	Multi-trait QTL analysis for agronomic and quality characters of <i>Agaricus bisporus</i> (button) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	3.0	12
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291	A Bayesian analysis of gene flow from crops to their wild relatives: cultivated ( <i>Lactuca sativa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 702 <i>Molecular Ecology</i> , 2012, 21, 2640-2654.	3.9	31
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