

Andy Pereira

List of Publications by Year in descending order

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117
papers

10,363
citations

44042

48
h-index

33869

99
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181
all docs

181
docs citations

181
times ranked

10263
citing authors

#	ARTICLE	IF	CITATIONS
1	QTL mapping of panicle architecture and yield-related traits between two US rice cultivars 'LaGrue' and 'Lemont'. <i>Euphytica</i> , 2022, 218, 1.	0.6	0
2	Using Network-Based Machine Learning to Predict Transcription Factors Involved in Drought Resistance. <i>Frontiers in Genetics</i> , 2021, 12, 652189.	1.1	15
3	Quantitative Trait Loci and Candidate Gene Identification for Chlorophyll Content in RIL Rice Population under Drought Conditions. <i>Indonesian Journal of Natural Pigments</i> , 2021, 3, 54.	0.4	4
4	Genetic Dissection of Grain Yield Component Traits Under High Nighttime Temperature Stress in a Rice Diversity Panel. <i>Frontiers in Plant Science</i> , 2021, 12, 712167.	1.7	4
5	Identification of Genomic Regions Controlling Chalkiness and Grain Characteristics in a Recombinant Inbred Line Rice Population Based on High-Throughput SNP Markers. <i>Genes</i> , 2021, 12, 1690.	1.0	8
6	Bulked segregant analysis using next-generation sequencing for identification of genetic loci for charcoal rot resistance in soybean. <i>Physiological and Molecular Plant Pathology</i> , 2020, 109, 101440.	1.3	16
7	The Arabidopsis Proteins AtNHR2A and AtNHR2B Are Multi-Functional Proteins Integrating Plant Immunity With Other Biological Processes. <i>Frontiers in Plant Science</i> , 2020, 11, 232.	1.7	9
8	Genetic Mapping Identifies Consistent Quantitative Trait Loci for Yield Traits of Rice under Greenhouse Drought Conditions. <i>Genes</i> , 2020, 11, 62.	1.0	15
9	The <i>FATTY ACID DESATURASE2</i> Family in Tomato Contributes to Primary Metabolism and Stress Responses. <i>Plant Physiology</i> , 2020, 182, 1083-1099.	2.3	31
10	Effectiveness of a Seed Plate Assay for Evaluating Charcoal Rot Resistance in Soybean and the Relationship to Field Performance. <i>Plant Disease</i> , 2019, 103, 1947-1953.	0.7	5
11	Cold tolerance response mechanisms revealed through comparative analysis of gene and protein expression in multiple rice genotypes. <i>PLoS ONE</i> , 2019, 14, e0218019.	1.1	33
12	QTL Mapping of Charcoal Rot Resistance in PI 567562A Soybean Accession. <i>Crop Science</i> , 2019, 59, 474-479.	0.8	16
13	Physiological and transcriptional responses to low-temperature stress in rice genotypes at the reproductive stage. <i>Plant Signaling and Behavior</i> , 2019, 14, e1581557.	1.2	14
14	RNA sequencing analysis of salt tolerance in soybean (<i>Glycine max</i>). <i>Genomics</i> , 2019, 111, 629-635.	1.3	34
15	Recent advances in gene function prediction using context-specific coexpression networks in plants. <i>F1000Research</i> , 2019, 8, 153.	0.8	16
16	Liquid biopsy and its role in an advanced clinical trial for lung cancer. <i>Experimental Biology and Medicine</i> , 2018, 243, 262-271.	1.1	38
17	Reproductive Long Intergenic Noncoding RNAs Exhibit Male Gamete Specificity and Polycomb Repressive Complex 2-Mediated Repression. <i>Plant Physiology</i> , 2018, 177, 1198-1217.	2.3	14
18	Genome-wide association study (GWAS) of salt tolerance in worldwide soybean germplasm lines. <i>Molecular Breeding</i> , 2017, 37, 1.	1.0	82

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19	Introgression of Clearfield [®] rice crop traits into weedy red rice outcrosses. <i>Field Crops Research</i> , 2017, 207, 13-23.	2.3	31
20	GBF3 transcription factor imparts drought tolerance in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2017, 7, 9148.	1.6	77
21	Quantitative Trait Loci for Chloride Tolerance in "Osage"™ Soybean. <i>Crop Science</i> , 2017, 57, 2345-2353.	0.8	10
22	RECoN: Rice Environment Coexpression Network for Systems Level Analysis of Abiotic-Stress Response. <i>Frontiers in Plant Science</i> , 2017, 8, 1640.	1.7	39
23	RNA-Seq analysis reveals insight into enhanced rice Xa7-mediated bacterial blight resistance at high temperature. <i>PLoS ONE</i> , 2017, 12, e0187625.	1.1	52
24	Differential Antioxidant Composition and Potential of some commonly used Indian Spices. <i>Journal of AgriSearch</i> , 2017, 4, .	0.1	4
25	Effect of different stress treatments on mature green tomatoes (<i>Solanum lycopersicum</i>) to enhance fruit quality. <i>African Journal of Food, Agriculture, Nutrition and Development</i> , 2017, 17, 12546-12556.	0.1	3
26	Mechanisms of drought tolerance in rice. <i>Burleigh Dodds Series in Agricultural Science</i> , 2017, , 131-163.	0.1	3
27	Plant adaptation to drought stress. <i>F1000Research</i> , 2016, 5, 1554.	0.8	538
28	Plant Abiotic Stress Challenges from the Changing Environment. <i>Frontiers in Plant Science</i> , 2016, 7, 1123.	1.7	252
29	Altered expression of the bZIP transcription factor DRINK ME affects growth and reproductive development in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016, 88, 437-451.	2.8	40
30	Comparative analysis of gene expression in response to cold stress in diverse rice genotypes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 253-259.	1.0	16
31	Regulation of grain yield in rice under well-watered and drought stress conditions by GUDK. <i>Plant Signaling and Behavior</i> , 2015, 10, e1034421.	1.2	6
32	Anther culture induces transposable element movement in potato. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 361-366.	1.2	2
33	Analysis of Stress-Responsive Gene Expression in Cultivated and Weedy Rice Differing in Cold Stress Tolerance. <i>PLoS ONE</i> , 2015, 10, e0132100.	1.1	35
34	A Strategy for Genome-Wide Identification of Gene Based Polymorphisms in Rice Reveals Non-Synonymous Variation and Functional Genotypic Markers. <i>PLoS ONE</i> , 2014, 9, e105335.	1.1	7
35	Rice GROWTH UNDER DROUGHT KINASE Is Required for Drought Tolerance and Grain Yield under Normal and Drought Stress Conditions. <i>Plant Physiology</i> , 2014, 166, 1634-1645.	2.3	87
36	The <i>NTT</i> transcription factor promotes replum development in <i>Arabidopsis</i> fruits. <i>Plant Journal</i> , 2014, 80, 69-81.	2.8	61

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37	Coordinated regulation of photosynthesis in rice increases yield and tolerance to environmental stress. <i>Nature Communications</i> , 2014, 5, 5302.	5.8	254
38	Transposon based activation tagging in diploid strawberry and monoploid derivatives of potato. <i>Plant Cell Reports</i> , 2014, 33, 1203-1216.	2.8	8
39	Meta-analysis of quantitative trait loci for grain yield and component traits under reproductive-stage drought stress in an upland rice population. <i>Molecular Breeding</i> , 2014, 34, 283-295.	1.0	44
40	Phenotypic and Physiological Evaluation for Drought and Salinity Stress Responses in Rice. <i>Methods in Molecular Biology</i> , 2013, 956, 209-225.	0.4	19
41	Crop Traits crop/cropping trait : Gene Isolation crop/cropping trait gene isolation. , 2013, , 667-698.		0
42	An Active <i>Ac/Ds</i> Transposon System for Activation Tagging in Tomato Cultivar M82 Using Clonal Propagation. <i>Plant Physiology</i> , 2013, 162, 145-156.	2.3	21
43	Cyclophilin 20-3 relays a 12-oxo-phytodienoic acid signal during stress responsive regulation of cellular redox homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9559-9564.	3.3	193
44	Mutant Resources for Functional Analysis of the Rice Genome. , 2013, , 81-115.		6
45	Activation Tagging Using the Maize En-I Transposon System for the Identification of Abiotic Stress Resistance Genes in Arabidopsis. <i>Methods in Molecular Biology</i> , 2013, 1057, 193-204.	0.4	5
46	Effects of Drought on Gene Expression in Maize Reproductive and Leaf Meristem Tissue Revealed by RNA-Seq. <i>Plant Physiology</i> , 2012, 160, 846-867.	2.3	286
47	Molecular evaluation of genetic diversity and association studies in rice (<i>Oryza sativa</i> L.). <i>Journal of Genetics</i> , 2012, 91, 9-19.	0.4	52
48	Crop Traits crop/cropping trait : Gene Isolation crop/cropping trait gene isolation. , 2012, , 2689-2720.		0
49	Enhanced salt stress tolerance of rice plants expressing a vacuolar H ⁺ ATPase subunit c1 (<i>SaVHAc1</i>) gene from the halophyte grass <i>Spartina alterniflora</i> L. <i>Plant Biotechnology Journal</i> , 2012, 10, 453-464.	4.1	128
50	Screening Arabidopsis Genotypes for Drought Stress Resistance. <i>Methods in Molecular Biology</i> , 2011, 678, 191-198.	0.4	25
51	The <i>Arabidopsis thaliana</i> DNA-Binding Protein AHL19 Mediates Verticillium Wilt Resistance. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1582-1591.	1.4	36
52	Coordinated Activation of Cellulose and Repression of Lignin Biosynthesis Pathways in Rice. <i>Plant Physiology</i> , 2011, 155, 916-931.	2.3	198
53	Setting Up Reverse Transcription Quantitative-PCR Experiments. <i>Methods in Molecular Biology</i> , 2011, 678, 45-54.	0.4	3
54	Activation Tagging with En/Spm-I/dSpm Transposons in Arabidopsis. <i>Methods in Molecular Biology</i> , 2011, 678, 91-105.	0.4	5

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55	Mechanisms of Action and Medicinal Applications of Abscisic Acid. <i>Current Medicinal Chemistry</i> , 2010, 17, 467-478.	1.2	65
56	Molecular and Physiological Analysis of Drought Stress in Arabidopsis Reveals Early Responses Leading to Acclimation in Plant Growth. <i>Plant Physiology</i> , 2010, 154, 1254-1271.	2.3	580
57	Activation Tagging for Gain-of-Function Mutants. , 2010, , 345-370.		2
58	Biotech Crops and Functional Genomics. , 2010, , 359-390.		0
59	Mutant Resources in Rice for Functional Genomics of the Grasses. <i>Plant Physiology</i> , 2009, 149, 165-170.	2.3	167
60	Integrative approaches for mining transcriptional regulatory programs in Arabidopsis. <i>Briefings in Functional Genomics & Proteomics</i> , 2008, 7, 264-274.	3.8	16
61	Improvement of water use efficiency in rice by expression of <i>HARDY</i> , an <i>Arabidopsis</i> drought and salt tolerance gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15270-15275.	3.3	430
62	Transposon Insertional Mutants: A Resource for Rice Functional Genomics. , 2007, , 223-271.		12
63	Plant translational genomics: from model species to crops. <i>Molecular Breeding</i> , 2007, 20, 1-13.	1.0	39
64	BOLITA, an Arabidopsis AP2/ERF-like transcription factor that affects cell expansion and proliferation/differentiation pathways. <i>Plant Molecular Biology</i> , 2006, 62, 825-843.	2.0	85
65	OryGenesDB: a database for rice reverse genetics. <i>Nucleic Acids Research</i> , 2006, 34, D736-D740.	6.5	82
66	The Rpi-blb2 gene from <i>Solanum bulbocastanum</i> is an Mi-1 gene homolog conferring broad-spectrum late blight resistance in potato. <i>Plant Journal</i> , 2005, 44, 208-222.	2.8	327
67	ASYMMETRIC LEAVES2-LIKE1 gene, a member of the AS2/LOB family, controls proximal-distal patterning in Arabidopsis petals. <i>Plant Molecular Biology</i> , 2005, 57, 559-575.	2.0	99
68	EU-OSTID: A Collection of Transposon Insertional Mutants for Functional Genomics in Rice. <i>Plant Molecular Biology</i> , 2005, 59, 99-110.	2.0	77
69	Suppression of an Atypically Spliced Rice CACTA Transposon Transcript in Transgenic Plants. <i>Genetics</i> , 2005, 169, 2383-2387.	1.2	6
70	The SHINE Clade of AP2 Domain Transcription Factors Activates Wax Biosynthesis, Alters Cuticle Properties, and Confers Drought Tolerance when Overexpressed in Arabidopsis[W]. <i>Plant Cell</i> , 2004, 16, 2463-2480.	3.1	743
71	Dedifferentiation-mediated changes in transposition behavior make the Activator transposon an ideal tool for functional genomics in rice. <i>Molecular Breeding</i> , 2004, 13, 177-191.	1.0	10
72	Rice Mutant Resources for Gene Discovery. <i>Plant Molecular Biology</i> , 2004, 54, 325-334.	2.0	221

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73	Transcription and somatic transposition of the maize En / Spm transposon system in rice. <i>Molecular Genetics and Genomics</i> , 2004, 270, 514-523.	1.0	29
74	Transpositional behaviour of an Ac/Ds system for reverse genetics in rice. <i>Theoretical and Applied Genetics</i> , 2003, 108, 10-24.	1.8	61
75	An ancient R gene from the wild potato species <i>Solanum bulbocastanum</i> confers broad-spectrum resistance to <i>Phytophthora infestans</i> in cultivated potato and tomato. <i>Plant Journal</i> , 2003, 36, 867-882.	2.8	406
76	Activation Tagging Using the En-I Maize Transposon System in Arabidopsis. <i>Plant Physiology</i> , 2002, 129, 1544-1556.	2.3	138
77	Cloning of the chrysanthemum UEP1 promoter and comparative expression in florets and leaves of <i>Dendranthema grandiflora</i> . <i>Transgenic Research</i> , 2002, 11, 437-445.	1.3	28
78	Transposon-mediated generation of T-DNA- and marker-free rice plants expressing a Bt endotoxin gene. <i>Molecular Breeding</i> , 2002, 10, 165-180.	1.0	87
79	Tagged Transcriptome Display (TTD) in indica rice using Ac transposition. <i>Molecular Genetics and Genomics</i> , 2001, 266, 1-11.	1.0	25
80	Early and multiple Ac transpositions in rice suitable for efficient insertional mutagenesis. <i>Plant Molecular Biology</i> , 2001, 46, 215-227.	2.0	49
81	Development of Ac and Ds transposon tagging lines for gene isolation in diploid potato. <i>Molecular Breeding</i> , 2001, 7, 117-129.	1.0	5
82	Transposon Insertional Mutagenesis in Rice. <i>Plant Physiology</i> , 2001, 125, 1175-1177.	2.3	58
83	Genetic Dissection of Plant Stress Responses. , 2001, , 17-42.		3
84	Insertional Mutagenesis Of The Arabidopsis Genome. <i>Developments in Plant Genetics and Breeding</i> , 2000, , 101-103.	0.6	0
85	A transgenic perspective on plant functional genomics. , 2000, 9, 245-260.		58
86	Selection of independent Ds transposon insertions in somatic tissue of potato by protoplast regeneration. <i>Theoretical and Applied Genetics</i> , 2000, 101, 503-510.	1.8	4
87	Target selected insertional mutagenesis on chromosome IV of Arabidopsis using the En-I transposon system. <i>Journal of Biotechnology</i> , 2000, 78, 301-312.	1.9	10
88	A Two-Component Enhancer-Inhibitor Transposon Mutagenesis System for Functional Analysis of the Arabidopsis Genome. <i>Plant Cell</i> , 1999, 11, 1853.	3.1	0
89	ANTHOCYANINLESS2, a Homeobox Gene Affecting Anthocyanin Distribution and Root Development in Arabidopsis. <i>Plant Cell</i> , 1999, 11, 1217-1226.	3.1	214
90	Function Search in a Large Transcription Factor Gene Family in Arabidopsis: Assessing the Potential of Reverse Genetics to Identify Insertional Mutations in R2R3 MYB Genes. <i>Plant Cell</i> , 1999, 11, 1827-1840.	3.1	151

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91	A Two-Component Enhancer-Inhibitor Transposon Mutagenesis System for Functional Analysis of the Arabidopsis Genome. <i>Plant Cell</i> , 1999, 11, 1853-1866.	3.1	118
92	ANTHOCYANINLESS2, a Homeobox Gene Affecting Anthocyanin Distribution and Root Development in Arabidopsis. <i>Plant Cell</i> , 1999, 11, 1217.	3.1	14
93	Function Search in a Large Transcription Factor Gene Family in Arabidopsis: Assessing the Potential of Reverse Genetics to Identify Insertional Mutations in R2R3 MYB Genes. <i>Plant Cell</i> , 1999, 11, 1827.	3.1	13
94	Identification of R-Gene Homologous DNA Fragments Genetically Linked to Disease Resistance Loci in Arabidopsis thaliana. <i>Molecular Plant-Microbe Interactions</i> , 1998, 11, 251-258.	1.4	194
95	33. Transposon Tagging with the En-I System. , 1998, 82, 329-338.		18
96	The impact on biosafety of the phosphinothricin-tolerance transgene in inter-specific B. rapa—B. napus hybrids and their successive backcrosses. <i>Theoretical and Applied Genetics</i> , 1997, 95, 442-450.	1.8	80
97	The Arabidopsis MALE STERILITY 2 protein shares similarity with reductases in elongation/condensation complexes. <i>Plant Journal</i> , 1997, 12, 615-623.	2.8	268
98	The <i>Arabidopsis MALE STERILITY 2</i> protein shares similarity with reductases in elongation/condensation complexes. <i>Plant Journal</i> , 1997, 12, 615-623.	2.8	239
99	Localization of <i>Ds</i> -transposon containing T-DNA inserts in the diploid transgenic potato: linkage to the <i>R1</i> resistance gene against <i>Phytophthora infestans</i> (Mont.) de Bary. <i>Genome</i> , 1996, 39, 249-257.	0.9	13
100	Race specific resistance against <i>Phytophthora infestans</i> in potato is controlled by more genetic factors than only R-genes. <i>Euphytica</i> , 1996, 90, 331-336.	0.6	16
101	Mapping of resistance to the potato cyst nematode <i>Globodera rostochiensis</i> from the wild potato species <i>Solanum vernei</i> . <i>Molecular Breeding</i> , 1996, 2, 51-60.	1.0	76
102	pBINPLUS: An improved plant transformation vector based on pBIN19. <i>Transgenic Research</i> , 1995, 4, 288-290.	1.3	496
103	A genetic map of potato (<i>Solanum tuberosum</i>) integrating molecular markers, including transposons, and classical markers. <i>Theoretical and Applied Genetics</i> , 1995, 91, 289-300.	1.8	147
104	Genetic localisation of transformation competence in diploid potato. <i>Theoretical and Applied Genetics</i> , 1995, 91, 557-562.	1.8	22
105	A two-element Enhancer-Inhibitor transposon system in Arabidopsis thaliana. <i>Molecular Genetics and Genomics</i> , 1995, 247, 555-564.	2.4	52
106	Molecular characterization of the CER1 gene of arabidopsis involved in epicuticular wax biosynthesis and pollen fertility.. <i>Plant Cell</i> , 1995, 7, 2115-2127.	3.1	390
107	Molecular Characterization of the CER1 Gene of Arabidopsis Involved in Epicuticular Wax Biosynthesis and Pollen Fertility. <i>Plant Cell</i> , 1995, 7, 2115.	3.1	111
108	Segregation analysis and RFLP mapping of the R1 and R3 alleles conferring race-specific resistance to <i>Phytophthora infestans</i> in progeny of dihaploid potato parents. <i>Molecular Genetics and Genomics</i> , 1994, 242, 749-754.	2.4	83

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109	Transposon tagging of a male sterility gene in Arabidopsis. Nature, 1993, 363, 715-717.	13.7	213
110	Towards the isolation of resistance genes by transposon targeting in potato. European Journal of Plant Pathology, 1992, 98, 215-221.	0.5	10
111	Transpositional behavior of the maize <i>En/Spm</i> element in transgenic tobacco. EMBO Journal, 1989, 8, 1315-1321.	3.5	51
112	Structure and Function of the <i>En/Spm</i> Transposable Element System of Zea Mays: Identification of the Suppressor Component of <i>En</i> . , 1988, , 115-119.		5
113	Molecular analysis of the <i>En/Spm</i> transposable element system of <i>Zea mays</i> . EMBO Journal, 1986, 5, 835-841.	3.5	190
114	Origin and diversity of mutants controlled by the <i>Uq</i> transposable element system in maize. Genetical Research, 1985, 46, 219-236.	0.3	11
115	Molecular cloning of the <i>a1</i> locus of <i>Zea mays</i> using the transposable elements <i>En</i> and <i>Mu1</i> . EMBO Journal, 1985, 4, 877-882.	3.5	227
116	Genetic and molecular analysis of the Enhancer (<i>En</i>) transposable element system of <i>Zea mays</i> . EMBO Journal, 1985, 4, 17-23.	3.5	110
117	Identification of genes directly regulated by a transcription factor in rice. Protocol Exchange, 0, , .	0.3	1