

Guijun Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2216391/publications.pdf>

Version: 2024-02-01

175
papers

4,378
citations

125106

35
h-index

182931

54
g-index

179
all docs

179
docs citations

179
times ranked

5125
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic regions controlling yield-related traits in spring wheat: a mini review and a case study for rainfed environments in Australia and China. <i>Genomics</i> , 2022, 114, 110268.	1.3	3
2	Wheat genotypes tolerant to heat at seedling stage tend to be also tolerant at adult stage: The possibility of early selection for heat tolerance breeding. <i>Crop Journal</i> , 2022, 10, 1006-1013.	2.3	11
3	Identification and Validation of a Chromosome 4D Quantitative Trait Locus Hotspot Conferring Heat Tolerance in Common Wheat (<i>Triticum aestivum</i> L.). <i>Plants</i> , 2022, 11, 729.	1.6	1
4	Genome-Wide Analysis of AP2/ERF Superfamily Genes in Contrasting Wheat Genotypes Reveals Heat Stress-Related Candidate Genes. <i>Frontiers in Plant Science</i> , 2022, 13, 853086.	1.7	8
5	Heat Stress during Meiosis Has Lasting Impacts on Plant Growth and Reproduction in Wheat (<i>Triticum</i>) Tj ETQq1 1 0,784314,rgBT /Over	1.3	7
6	Transcriptome Analyses of Near Isogenic Lines Reveal Putative Drought Tolerance Controlling Genes in Wheat. <i>Frontiers in Plant Science</i> , 2022, 13, 857829.	1.7	11
7	Wheat Proteomics for Abiotic Stress Tolerance and Root System Architecture: Current Status and Future Prospects. <i>Proteomes</i> , 2022, 10, 17.	1.7	14
8	Genomic Regions, Molecular Markers, and Flanking Genes of Metribuzin Tolerance in Wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	2
9	Characterization of near-isogenic lines confirmed QTL and revealed candidate genes for plant height and yield-related traits in common wheat. <i>Molecular Breeding</i> , 2021, 41, 1.	1.0	12
10	Identification of Candidate Genes for Root Traits Using Genotype-Phenotype Association Analysis of Near-Isogenic Lines in Hexaploid Wheat (<i>Triticum aestivum</i> L.). <i>International Journal of Molecular Sciences</i> , 2021, 22, 3579.	1.8	10
11	Impact of increased temperature on spring wheat yield in northern China. <i>Food and Energy Security</i> , 2021, 10, 368-378.	2.0	13
12	Genome-wide investigation and expression analysis of membrane-bound fatty acid desaturase genes under different biotic and abiotic stresses in sunflower (<i>Helianthus annuus</i> L.). <i>International Journal of Biological Macromolecules</i> , 2021, 175, 188-198.	3.6	18
13	Comparative transcriptome analyses for metribuzin tolerance provide insights into key genes and mechanisms restoring photosynthetic efficiency in bread wheat (<i>Triticum aestivum</i> L.). <i>Genomics</i> , 2021, 113, 910-918.	1.3	12
14	Characterisation of a 4A QTL for Metribuzin Resistance in Wheat by Developing Near-Isogenic Lines. <i>Plants</i> , 2021, 10, 1856.	1.6	1
15	Transcriptomic profiling of wheat near-isogenic lines reveals candidate genes on chromosome 3A for pre-harvest sprouting resistance. <i>BMC Plant Biology</i> , 2021, 21, 53.	1.6	4
16	Genetic and signalling pathways of dry fruit size: targets for genome editing-based crop improvement. <i>Plant Biotechnology Journal</i> , 2020, 18, 1124-1140.	4.1	40
17	Genome-wide identification of MYB genes and expression analysis under different biotic and abiotic stresses in <i>Helianthus annuus</i> L.. <i>Industrial Crops and Products</i> , 2020, 143, 111924.	2.5	42
18	Molecular mapping of major QTL conferring resistance to orange wheat blossom midge (<i>Sitodiplosis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2020, 133, 491-502.	1.8	9

#	ARTICLE	IF	CITATIONS
19	QTL Mapping Using a High-Density Genetic Map to Identify Candidate Genes Associated With Metribuzin Tolerance in Hexaploid Wheat (<i>Triticum aestivum</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 573439.	1.7	10
20	Major genomic regions responsible for wheat yield and its components as revealed by meta-QTL and genotype-phenotype association analyses. <i>Planta</i> , 2020, 252, 65.	1.6	37
21	Development and Characterization of Near-Isogenic Lines Revealing Candidate Genes for a Major 7AL QTL Responsible for Heat Tolerance in Wheat. <i>Frontiers in Plant Science</i> , 2020, 11, 1316.	1.7	7
22	Root transcriptome profiling of contrasting wheat genotypes provides an insight to their adaptive strategies to water deficit. <i>Scientific Reports</i> , 2020, 10, 4854.	1.6	17
23	Morphological Features and Biomass Partitioning of Lucerne Plants (<i>Medicago sativa</i> L.) Subjected to Water Stress. <i>Agronomy</i> , 2020, 10, 322.	1.3	15
24	Phenotypic and genotypic characterization of near-isogenic lines targeting a major 4BL QTL responsible for pre-harvest sprouting in wheat. <i>BMC Plant Biology</i> , 2019, 19, 348.	1.6	18
25	5-aminolevulinic acid enhances sunflower resistance to <i>Orobanche cumana</i> (Broomrape). <i>Industrial Crops and Products</i> , 2019, 140, 111467.	2.5	11
26	Inheritance of pre-emergent metribuzin tolerance and putative gene discovery through high-throughput SNP array in wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2019, 19, 457.	1.6	12
27	Differentially Expressed Genes and Enriched Pathways During Drought-Sensitive Period Under Field Conditions in Bread Wheat. <i>Plant Molecular Biology Reporter</i> , 2019, 37, 389-400.	1.0	8
28	Roots of Lucerne Seedlings are More Resilient to a Water Deficit than Leaves or Stems. <i>Agronomy</i> , 2019, 9, 123.	1.3	12
29	Multiple Near-Isogenic Lines Targeting a QTL Hotspot of Drought Tolerance Showed Contrasting Performance Under Post-anthesis Water Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 271.	1.7	20
30	Characteristics of membrane-bound fatty acid desaturase (FAD) genes in <i>Brassica napus</i> L. and their expressions under different cadmium and salinity stresses. <i>Environmental and Experimental Botany</i> , 2019, 162, 144-156.	2.0	33
31	Molecular characterization and phylogenetic analysis of active γ -type high molecular weight glutenin subunit genes at Glu-A1 locus in wheat. <i>Journal of Cereal Science</i> , 2019, 86, 9-14.	1.8	20
32	Identification and validation of QTL and their associated genes for pre-emergent metribuzin tolerance in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>BMC Genetics</i> , 2018, 19, 102.	2.7	18
33	Genome-Wide Association Mapping of Major Root Length QTLs Under PEG Induced Water Stress in Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 1759.	1.7	34
34	Development of near-isogenic lines targeting a major QTL on 3AL for pre-harvest sprouting resistance in bread wheat. <i>Crop and Pasture Science</i> , 2018, 69, 864.	0.7	12
35	Categorization of wheat genotypes for phosphorus efficiency. <i>PLoS ONE</i> , 2018, 13, e0205471.	1.1	39
36	A High-Density Genetic Map of an Allohexaploid Brassica Doubled Haploid Population Reveals Quantitative Trait Loci for Pollen Viability and Fertility. <i>Frontiers in Plant Science</i> , 2018, 9, 1161.	1.7	18

#	ARTICLE	IF	CITATIONS
37	Identification and validation of a major chromosome region for high grain number per spike under meiotic stage water stress in wheat (<i>Triticum aestivum</i> L.). <i>PLoS ONE</i> , 2018, 13, e0194075.	1.1	30
38	Identification of Early Vigor QTLs and QTL by Environment Interactions in Wheat (<i>Triticum eastivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	7
39	Development of a simple and effective silver staining protocol for detection of DNA fragments. <i>Electrophoresis</i> , 2017, 38, 1175-1178.	1.3	6
40	Identification and validation of root length QTLs for water stress resistance in hexaploid wheat (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2017, 213, 1.	0.6	33
41	A fully in vitro protocol towards large scale production of recombinant inbred lines in wheat (<i>Triticum aestivum</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 655-661.	1.2	24
42	Genetic variations of HvP5CS1 and their association with drought tolerance related traits in barley (<i>Hordeum vulgare</i> L.). <i>Scientific Reports</i> , 2017, 7, 7870.	1.6	39
43	Enhancing Fusarium crown rot resistance by pyramiding large-effect QTL in common wheat (<i>Triticum</i>) Tj ETQq1 1 0,784314 rgBT /Overlock	1.0	20
44	Identification of new metribuzin-tolerant wheat (<i>Triticum</i> spp.) genotypes. <i>Crop and Pasture Science</i> , 2017, 68, 401.	0.7	12
45	Transcriptomics Analyses Reveal Wheat Responses to Drought Stress during Reproductive Stages under Field Conditions. <i>Frontiers in Plant Science</i> , 2017, 8, 592.	1.7	93
46	Accelerated Generation of Selfed Pure Line Plants for Gene Identification and Crop Breeding. <i>Frontiers in Plant Science</i> , 2017, 8, 1786.	1.7	81
47	Response of wheat to post-anthesis water stress, and the nature of gene action as revealed by combining ability analysis. <i>Crop and Pasture Science</i> , 2017, 68, 534.	0.7	7
48	Performance of Ethiopian bread wheat (<i>Tritium aestivum</i> L.) genotypes under contrasting water regimes: potential sources of variability for drought resistance breeding. <i>Australian Journal of Crop Science</i> , 2016, 10, 370-376.	0.1	11
49	A PCR-based marker closely linked to a 2BS QTL conferring wheat yellow spot resistance for marker-assisted breeding. <i>Crop and Pasture Science</i> , 2016, 67, 719.	0.7	0
50	Quantitative analysis of gene actions controlling root length under water stress in spring wheat (<i>Triticum aestivum</i> L.) genotypes. <i>Crop and Pasture Science</i> , 2016, 67, 489.	0.7	7
51	Salicylic acid mediates antioxidant defense system and ABA pathway related gene expression in <i>Oryza sativa</i> against quinclorac toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 146-156.	2.9	73
52	A fast generation cycling system for oat and triticale breeding. <i>Plant Breeding</i> , 2016, 135, 574-579.	1.0	34
53	Biochar nutrient availability rather than its water holding capacity governs the growth of both C3 and C4 plants. <i>Journal of Soils and Sediments</i> , 2016, 16, 801-810.	1.5	33
54	The first genetic map of a synthesized allohexaploid Brassica with A, B and C genomes based on simple sequence repeat markers. <i>Theoretical and Applied Genetics</i> , 2016, 129, 689-701.	1.8	21

#	ARTICLE	IF	CITATIONS
55	A QTL on Chromosome 3B in Bread Wheat (<i>Triticum aestivum</i>) Is Associated with Leaf Width Under Well-Watered and Water-Deficit Conditions. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 690-697.	1.0	0
56	Both Male and Female Malfunction Contributes to Yield Reduction under Water Stress during Meiosis in Bread Wheat. <i>Frontiers in Plant Science</i> , 2016, 7, 2071.	1.7	65
57	Fine mapping of a large-effect QTL conferring Fusarium crown rot resistance on the long arm of chromosome 3B in hexaploid wheat. <i>BMC Genomics</i> , 2015, 16, 850.	1.2	40
58	Identification of fast and slow germination accessions of <i>Brassica napus</i> L. for genetic studies and breeding for early vigour. <i>Crop and Pasture Science</i> , 2015, 66, 481.	0.7	6
59	Importance of Spatial and Spectral Data Reduction in the Detection of Internal Defects in Food Products. <i>Applied Spectroscopy</i> , 2015, 69, 473-480.	1.2	19
60	Identification of Putative Candidate Genes for Water Stress Tolerance in Canola (<i>Brassica napus</i>). <i>Frontiers in Plant Science</i> , 2015, 6, 1058.	1.7	73
61	Screening Wheat (<i>Triticum</i> spp.) Genotypes for Root Length under Contrasting Water Regimes: Potential Sources of Variability for Drought Resistance Breeding. <i>Journal of Agronomy and Crop Science</i> , 2015, 201, 189-194.	1.7	44
62	Responses of canola (<i>Brassica napus</i> L.) cultivars under contrasting temperature regimes during early seedling growth stage as revealed by multiple physiological criteria. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	27
63	High-throughput genotyping for species identification and diversity assessment in germplasm collections. <i>Molecular Ecology Resources</i> , 2015, 15, 1091-1101.	2.2	64
64	Sequencing consolidates molecular markers with plant breeding practice. <i>Theoretical and Applied Genetics</i> , 2015, 128, 779-795.	1.8	96
65	A preliminary assessment of the potential of using an acacia biochar system for spent mine site rehabilitation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2138-2144.	2.7	47
66	Putative interchromosomal rearrangements in the hexaploid wheat (<i>Triticum aestivum</i> L.) genotype "Chinese Spring" revealed by gene locations on homoeologous chromosomes. <i>BMC Evolutionary Biology</i> , 2015, 15, 37.	3.2	21
67	Mapping QTL for cotton fiber quality traits using simple sequence repeat markers, conserved intron-scanning primers, and transcript-derived fragments. <i>Euphytica</i> , 2015, 201, 215-230.	0.6	40
68	The complex jujube genome provides insights into fruit tree biology. <i>Nature Communications</i> , 2014, 5, 5315.	5.8	251
69	Use of variogram analysis to classify field peas with and without internal defects caused by weevil infestation. <i>Journal of Food Engineering</i> , 2014, 123, 17-22.	2.7	25
70	Seed dormancy in barley is dictated by genetics, environments and their interactions. <i>Euphytica</i> , 2014, 197, 355-368.	0.6	17
71	Identification of genome regions controlling cotyledon, pod wall/seed coat and pod wall resistance to pea weevil through QTL mapping. <i>Theoretical and Applied Genetics</i> , 2014, 127, 489-497.	1.8	25
72	Changes in $\delta^{15}N$ in a soil-plant system under different biochar feedstocks and application rates. <i>Biology and Fertility of Soils</i> , 2014, 50, 275-283.	2.3	70

#	ARTICLE	IF	CITATIONS
73	GmPAP4, a novel purple acid phosphatase gene isolated from soybean (<i>Glycine max</i>), enhanced extracellular phytate utilization in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2014, 33, 655-667.	2.8	45
74	APPLICATION OF DNA TECHNOLOGY IN BREEDING PROTEACEOUS PLANTS. <i>Acta Horticulturae</i> , 2014, , 97-105.	0.1	1
75	QTL Conferring Fusarium Crown Rot Resistance in the Elite Bread Wheat Variety EGA Wylie. <i>PLoS ONE</i> , 2014, 9, e96011.	1.1	43
76	Transcriptome and Allele Specificity Associated with a 3BL Locus for Fusarium Crown Rot Resistance in Bread Wheat. <i>PLoS ONE</i> , 2014, 9, e113309.	1.1	42
77	Phenotypic and genotypic characterisation of root nodule bacteria nodulating <i>Millettia pinnata</i> (L.) Panigrahi, a biodiesel tree. <i>Plant and Soil</i> , 2013, 367, 363-377.	1.8	14
78	Mass spectrometric fingerprints of seed protein for defining <i>Lupinus</i> spp. relationships. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 939-952.	0.8	4
79	Molecular Markers for Genetics and Plant Breeding: The MFLP Marker System and Its Application in Narrow-Leafed Lupin (<i>Lupinus angustifolius</i>). <i>Methods in Molecular Biology</i> , 2013, 1069, 179-201.	0.4	4
80	Identification of chromosome regions controlling seed storage proteins of narrow-leafed lupin (<i>Lupinus angustifolius</i>). <i>Journal of Plant Research</i> , 2013, 126, 395-401.	1.2	3
81	Genetic diversity, seed traits and salinity tolerance of <i>Millettia pinnata</i> (L.) Panigrahi, a biodiesel tree. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 677-692.	0.8	23
82	Single Nucleotide Polymorphisms in HSP17.8 and Their Association with Agronomic Traits in Barley. <i>PLoS ONE</i> , 2013, 8, e56816.	1.1	27
83	Discovery of Novel Bmy1 Alleles Increasing β -Amylase Activity in Chinese Landraces and Tibetan Wild Barley for Improvement of Malting Quality via MAS. <i>PLoS ONE</i> , 2013, 8, e72875.	1.1	15
84	Interspecific introgression of male sterility from tetraploid oilseed <i>Brassica napus</i> to diploid vegetable <i>B. rapa</i> through hybridisation and backcrossing. <i>Crop and Pasture Science</i> , 2013, 64, 652.	0.7	10
85	Genotypic variation of metribuzin and carfentrazone-ethyl tolerance among yellow lupin (<i>Lupinus</i>) Tj ETQq1 1 0.784314 rgBT ₂ /Overlock 0,7	0.7	0
86	Novel approaches to modifying wheat flour processing characteristics and health attributes: from genetics to food technology. , 2012, , 259-295.		1
87	SEED COAT REMOVAL GREATLY ENHANCES GREVILLEA (PROTEACEAE) SEED GERMINATION. <i>Acta Horticulturae</i> , 2012, , 763-768.	0.1	0
88	Comparative proteome analysis of seed storage and allergenic proteins among four narrow-leafed lupin cultivars. <i>Food Chemistry</i> , 2012, 135, 1230-1238.	4.2	14
89	Large-scale density-based screening for pea weevil resistance in advanced backcross lines derived from cultivated field pea (<i>Pisum sativum</i>) and <i>Pisum fulvum</i> . <i>Crop and Pasture Science</i> , 2012, 63, 612.	0.7	34
90	Genetic and environment interactions of seed storage proteins in narrow-leafed lupin (<i>Lupinus</i>) Tj ETQq0 0 0 rgBT /Overlock 1,0 Tf 50 62	0.7	2

#	ARTICLE	IF	CITATIONS
91	A new method for producing allohexaploid Brassica through unreduced gametes. <i>Euphytica</i> , 2012, 186, 277-287.	0.6	32
92	Different Tolerance in Bread Wheat, Durum Wheat and Barley to <i>Fusarium</i> Crown Rot Disease Caused by <i>Fusarium pseudograminearum</i> . <i>Journal of Phytopathology</i> , 2012, 160, 412-417.	0.5	42
93	Development of a co-dominant DNA marker linked to the gene <i>lentus</i> conferring reduced pod shattering for marker-assisted selection in narrow-leaved lupin (<i>Lupinus angustifolius</i>) breeding. <i>Plant Breeding</i> , 2012, 131, 540-544.	1.0	13
94	A molecular marker linked to the mollis gene conferring soft-seediness for marker-assisted selection applicable to a wide range of crosses in lupin (<i>Lupinus angustifolius</i> L.) breeding. <i>Molecular Breeding</i> , 2012, 29, 361-370.	1.0	22
95	Allelic Variations of a Light Harvesting Chlorophyll A/B-Binding Protein Gene (<i>Lhcb1</i>) Associated with Agronomic Traits in Barley. <i>PLoS ONE</i> , 2012, 7, e37573.	1.1	69
96	Characterization of Brassica nigra collections using simple sequence repeat markers reveals distinct groups associated with geographical location, and frequent mislabelling of species identity. <i>Genome</i> , 2011, 54, 50-63.	0.9	24
97	Differential Recovery of Lupin Proteins from the Gluten Matrix in Lupin-Wheat Bread As Revealed by Mass Spectrometry and Two-Dimensional Electrophoresis. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6696-6704.	2.4	18
98	Diversity of seed protein among the Australian narrow-leaved lupin (<i>Lupinus angustifolius</i> L.) cultivars. <i>Crop and Pasture Science</i> , 2011, 62, 765.	0.7	10
99	Development of a DNA marker tightly linked to low-alkaloid gene <i>iucundus</i> in narrow-leaved lupin (<i>Lupinus angustifolius</i> L.) for marker-assisted selection. <i>Crop and Pasture Science</i> , 2011, 62, 218.	0.7	30
100	Intraspecific Hybridisation of <i>Boronia heterophylla</i> F. Muell. <i>HAYATI Journal of Biosciences</i> , 2011, 18, 141-146.	0.1	0
101	Two complementary dominant genes control flowering time in albus lupin (<i>Lupinus albus</i> L.). <i>Plant Breeding</i> , 2011, 130, 496-499.	1.0	10
102	Genotypic effects on the frequency of homoeologous and homologous recombination in Brassica napus- <i>B. carinata</i> hybrids. <i>Theoretical and Applied Genetics</i> , 2011, 122, 543-553.	1.8	39
103	Inheritance and QTL analysis of dough rheological parameters in wheat. <i>Frontiers of Agriculture in China</i> , 2011, 5, 15-21.	0.2	1
104	Production of viable male unreduced gametes in Brassica interspecific hybrids is genotype specific and stimulated by cold temperatures. <i>BMC Plant Biology</i> , 2011, 11, 103.	1.6	109
105	Trigenomic Bridges for Brassica Improvement. <i>Critical Reviews in Plant Sciences</i> , 2011, 30, 524-547.	2.7	83
106	First Report of <i>Bituminaria</i> Witches'-Broom in Australia Caused by a 16SrII Phytoplasma. <i>Plant Disease</i> , 2011, 95, 226-226.	0.7	13
107	Improvement of Soil Physical Properties and Aggregate-Associated C, N, and P After Cropland was Converted to Grassland in Semiarid Loess Plateau. <i>Soil Science</i> , 2010, 175, 99-104.	0.9	20
108	Trigenomic hybrids from interspecific crosses between Brassica napus and B. nigra. <i>Crop and Pasture Science</i> , 2010, 61, 464.	0.7	14

#	ARTICLE	IF	CITATIONS
109	Genome structure affects the rate of autosyndesis and allosyndesis in AABC, BBAC and CCAB Brassica interspecific hybrids. <i>Chromosome Research</i> , 2010, 18, 655-666.	1.0	65
110	Development of sequence-specific PCR markers associated with a polygenic controlled trait for marker-assisted selection using a modified selective genotyping strategy: a case study on anthracnose disease resistance in white lupin (<i>Lupinus albus</i> L.). <i>Molecular Breeding</i> , 2010, 25, 239-249.	1.0	28
111	Mapping a major gene for growth habit and QTLs for ascochyta blight resistance and flowering time in a population between chickpea and <i>Cicer reticulatum</i> . <i>Euphytica</i> , 2010, 173, 307-319.	0.6	90
112	Development of a co-dominant DNA marker tightly linked to gene tardus conferring reduced pod shattering in narrow-leafed lupin (<i>Lupinus angustifolius</i> L.). <i>Euphytica</i> , 2010, 176, 49-58.	0.6	24
113	Successful induction of trigonometric hexaploid Brassica from a triploid hybrid of <i>B. napus</i> L. and <i>B. nigra</i> (L.) Koch. <i>Euphytica</i> , 2010, 176, 87-98.	0.6	36
114	IN VITRO CONSERVATION OF SYNAPHEA STENOLOBA (PROTEACEAE). <i>Acta Horticulturae</i> , 2010, , 143-156.	0.1	6
115	Flower numbers, pod production, pollen viability, and pistil function are reduced and flower and pod abortion increased in chickpea (<i>Cicer arietinum</i> L.) under terminal drought. <i>Journal of Experimental Botany</i> , 2010, 61, 335-345.	2.4	193
116	Development of a sequence-specific PCR marker linked to the gene <i>œpauper</i> conferring low-alkaloids in white lupin (<i>Lupinus albus</i> L.) for marker assisted selection. <i>Molecular Breeding</i> , 2009, 23, 153-161.	1.0	35
117	Microspore culture preferentially selects unreduced (2n) gametes from an interspecific hybrid of <i>Brassica napus</i> L. and <i>Brassica carinata</i> Braun. <i>Theoretical and Applied Genetics</i> , 2009, 119, 497-505.	1.8	63
118	Comparative analysis of genetic diversity between Qinghai-Tibetan wild and Chinese landrace barley. <i>Genome</i> , 2009, 52, 849-861.	0.9	14
119	Chloroplast DNA Copy Number May Link to Sex Determination in <i>Leucadendron</i> (Proteaceae). <i>HAYATI Journal of Biosciences</i> , 2009, 16, 21-24.	0.1	0
120	A novel fibrinolytic enzyme from <i>Cordyceps militaris</i> , a Chinese traditional medicinal mushroom. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 483-489.	1.7	49
121	Leaf type is not associated with ascochyta blight disease in chickpea (<i>Cicer arietinum</i> L.). <i>Euphytica</i> , 2008, 162, 281-289.	0.6	4
122	Identification of <i>Sib</i> ™ plants in hybrid cauliflowers using microsatellite markers. <i>Euphytica</i> , 2008, 164, 309-316.	0.6	5
123	Characterization of <i>Tomentosa</i> cherry (<i>Prunus tomentosa</i> Thunb.) genotypes using SSR markers and morphological traits. <i>Scientia Horticulturae</i> , 2008, 118, 39-47.	1.7	18
124	Genetic analysis of pod and seed resistance to pea weevil in a <i>Pisum sativum</i> — <i>P. fulvum</i> interspecific cross. <i>Australian Journal of Agricultural Research</i> , 2008, 59, 854.	1.5	59
125	<i>Salsola tragus</i> or <i>S. australis</i> (Chenopodiaceae) in Australia—untangling taxonomic confusion through molecular and cytological analyses. <i>Australian Journal of Botany</i> , 2008, 56, 600.	0.3	21
126	DEVELOPING MORPHOLOGICAL MARKERS FOR MARKER ASSISTED SELECTION IN LEUCADENDRON BREEDING. <i>Acta Horticulturae</i> , 2008, , 69-76.	0.1	0

#	ARTICLE	IF	CITATIONS
127	Characterisation of genetic diversity and DNA fingerprinting of Australian chickpea (<i>Cicer arietinum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	14
128	Enhancement of genetic diversity in canola-quality <i>Brassica napus</i> and <i>B. juncea</i> by interspecific hybridisation. <i>Australian Journal of Agricultural Research</i> , 2008, 59, 918.	1.5	14
129	Mixed Mating With Preferential Outcrossing in <i>Acacia saligna</i> (Labill.) H. Wendl. (Leguminosae:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	7
130	Correlation of important seedling traits in cauliflower varieties and potential association with RAPD markers. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 1183.	1.5	1
131	Diploid female gametes induced by colchicine in Oriental lilies. <i>Scientia Horticulturae</i> , 2007, 114, 50-53.	1.7	23
132	Development of DNA markers for hybrid identification in <i>Leucadendron</i> (proteaceae). <i>Scientia Horticulturae</i> , 2007, 113, 376-382.	1.7	7
133	Variability in feed quality between populations of <i>Acacia saligna</i> (Labill.) H. Wendl. (Mimosoideae)â€™implications for domestication. <i>Animal Feed Science and Technology</i> , 2007, 136, 109-127.	1.1	7
134	Antioxidant activity and phenolics of an endophytic <i>Xylaria</i> sp. from <i>Ginkgo biloba</i> . <i>Food Chemistry</i> , 2007, 105, 548-554.	4.2	187
135	Diallel analyses reveal the genetic control of resistance to ascochyta blight in diverse chickpea and wild <i>Cicer</i> species. <i>Euphytica</i> , 2007, 154, 195-205.	0.6	19
136	Identification of duplicates and fingerprinting of primary and secondary wild annual <i>Cicer</i> gene pools using AFLP markers. <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 519-527.	0.8	8
137	Basic chromosome number in <i>Boronia</i> (Rutaceae)â€™competing hypotheses examined. <i>Australian Journal of Botany</i> , 2006, 54, 681.	0.3	8
138	Genetic diversity of Indonesian cauliflower cultivars and their relationships with hybrid cultivars grown in Australia. <i>Scientia Horticulturae</i> , 2006, 108, 143-150.	1.7	13
139	Successful stem cutting propagation of chickpea, its wild relatives and their interspecific hybrids. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 1349.	1.0	11
140	THE SEARCH FOR SEX-LINKED DNA MARKERS AND THE CONSTRUCTION OF PHYLOGENETIC RELATIONSHIPS AMONG SELECTED LEUCADENDRON SPECIES. <i>Acta Horticulturae</i> , 2006, , 51-58.	0.1	0
141	DEVELOPMENT OF A PROTOCOL TO ASSESS PHYTOPHTHORA TOLERANCE IN LEUCADENDRON USING EXCISED STEMS. <i>Acta Horticulturae</i> , 2006, , 97-104.	0.1	0
142	MICROPROPAGATION OF LEUCADENDRON. <i>Acta Horticulturae</i> , 2006, , 25-34.	0.1	4
143	PCR-RFLP ANALYSIS OF CHLOROPLAST DNA IN LEUCADENDRON (PROTEACEAE). <i>Acta Horticulturae</i> , 2006, , 59-64.	0.1	0
144	BREEDING AND COMMERCIALISATION OF NEW LEUCADENDRON VARIETIES. <i>Acta Horticulturae</i> , 2006, , 83-88.	0.1	0

#	ARTICLE	IF	CITATIONS
145	Karyotypes in <i>Leucadendron</i> (Proteaceae): evidence of the primitiveness of the genus. <i>Botanical Journal of the Linnean Society</i> , 2006, 151, 387-394.	0.8	13
146	Genetic differentiation among morphological variants of <i>Acacia saligna</i> (Mimosaceae). <i>Tree Genetics and Genomes</i> , 2006, 2, 109-119.	0.6	14
147	Interspecific hybridization in the genus <i>Leucadendron</i> through embryo rescue. <i>South African Journal of Botany</i> , 2006, 72, 416-420.	1.2	8
148	GENETIC DIVERSITY OF OPEN POLLINATED CAULIFLOWER CULTIVARS IN INDONESIA. <i>Acta Horticulturae</i> , 2005, , 149-152.	0.1	2
149	Carrot browning on simulated market shelf and during cold storage. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 16-20.	1.7	31
150	Geographical patterns of genetic variation in the world collections of wild annual <i>Cicer</i> characterized by amplified fragment length polymorphisms. <i>Theoretical and Applied Genetics</i> , 2005, 110, 381-391.	1.8	48
151	Molecular Variation and Fingerprinting of <i>Leucadendron</i> Cultivars (Proteaceae) by ISSR Markers. <i>Annals of Botany</i> , 2005, 95, 1163-1170.	1.4	41
152	RAMP based fingerprinting and assessment of relationships among Australian narrow-leafed lupin (<i>Lupinus angustifolius</i> L.) cultivars. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 1339.	1.5	8
153	Development of DNA fingerprinting keys for discrimination of <i>Cicer echinospermum</i> (P.H. Davis) accessions using AFLP markers. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 947.	1.5	5
154	Application of RAPD and ISSR markers to analyse molecular relationships in <i>Grevillea</i> (Proteaceae). <i>Australian Systematic Botany</i> , 2004, 17, 49.	0.3	38
155	Chloroplast DNA inheritance and variation in <i>Leucadendron</i> species (Proteaceae) as revealed by PCR-RFLP. <i>Theoretical and Applied Genetics</i> , 2004, 109, 1694-1701.	1.8	9
156	Fingerprinting of cauliflower cultivars using RAPD markers. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 117.	1.5	30
157	Correlation of morphological traits with molecular markers in radish (<i>Raphanus sativus</i>). <i>Australian Journal of Experimental Agriculture</i> , 2004, 44, 813.	1.0	2
158	Chloroplast DNA variation and inheritance in waxflowers (Myrtaceae). <i>Australian Journal of Botany</i> , 2004, 52, 55.	0.3	3
159	Development of DNA fingerprinting keys for the identification of radish cultivars. <i>Australian Journal of Experimental Agriculture</i> , 2004, 44, 95.	1.0	16
160	COMPARISON OF MORPHOLOGICAL AND MOLECULAR VARIATION IN SEEDS AND SEEDLINGS OF RADISH CULTIVARS. <i>Acta Horticulturae</i> , 2004, , 263-270.	0.1	1
161	Karyotype evolution in the genus <i>Boronia</i> (Rutaceae). <i>Botanical Journal of the Linnean Society</i> , 2003, 142, 309-320.	0.8	39
162	Cyto-evolution of <i>Boronia</i> genomes revealed by fluorescent in situ hybridization with rDNA probes. <i>Genome</i> , 2003, 46, 507-513.	0.9	21

#	ARTICLE	IF	CITATIONS
163	New methods for comparison of chromosomes within and between species. <i>Caryologia</i> , 2003, 56, 227-231.	0.2	11
164	Chromosome number and size variations in the Australian <i>Salicornioideae</i> (<i>Chenopodiaceae</i>)—evidence of polyploidisation. <i>Australian Journal of Botany</i> , 2003, 51, 441.	0.3	19
165	Meiotic chromosome behaviour and <i>Boronia</i> (<i>Rutaceae</i>) genome reorganisation. <i>Australian Journal of Botany</i> , 2003, 51, 599.	0.3	3
166	INHERITANCE OF IMPORTANT TRAITS IN INTERSPECIFIC <i>LEUCADENDRON</i> HYBRIDS. <i>Acta Horticulturae</i> , 2003, , 23-28.	0.1	1
167	Title is missing!. <i>Plant Systematics and Evolution</i> , 2002, 233, 147-161.	0.3	2
168	INTERSPECIFIC HYBRIDISATION OF <i>LEUCADENDRON</i> . <i>Acta Horticulturae</i> , 2001, , 55-64.	0.1	6
169	WAXFLOWER SELECTION, BREEDING AND DEVELOPMENT - AN OVERVIEW. <i>Acta Horticulturae</i> , 2000, , 119-124.	0.1	2
170	NEW DEVELOPMENTS FROM THE CENTRE FOR AUSTRALIAN PLANTS. <i>Acta Horticulturae</i> , 2000, , 37-41.	0.1	6
171	Aluminium Effects on Pollen Germination and Tube Growth of <i>Chamelaucium uncinatum</i> . A Comparison with Other Ca ²⁺ -Antagonists. <i>Annals of Botany</i> , 1999, 84, 559-564.	1.4	26
172	Interspecific Hybridisation of <i>Boronias</i> . <i>Australian Journal of Botany</i> , 1999, 47, 851.	0.3	11
173	New reports of chromosome numbers in <i>Actinidia</i> (<i>Actinidiaceae</i>). <i>New Zealand Journal of Botany</i> , 1997, 35, 181-186.	0.8	28
174	Numerically unreduced (2n) gametes and sexual polyploidization in <i>Actinidia</i> . <i>Euphytica</i> , 1997, 96, 267-272.	0.6	30
175	In situ hybridization in <i>Actinidia</i> using repeat DNA and genomic probes. <i>Theoretical and Applied Genetics</i> , 1997, 94, 507-513.	1.8	22