

Hong Ma

List of Publications by Year in descending order

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278
papers

27,916
citations

5727

83
h-index

6881

156
g-index

292
all docs

292
docs citations

292
times ranked

27454
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of micro- and small-exon retention and other splicing processes by GRP20 for flower development. <i>Nature Plants</i> , 2024, 10, 66-85.	9.4	1
2	Nuclear phylogenomics of angiosperms and insights into their relationships and evolution. <i>Journal of Integrative Plant Biology</i> , 2024, 66, 546-578.	9.2	2
3	Angiosperm-wide analysis of fruit and ovary evolution aided by a new nuclear phylogeny supports association of the same ovary type with both dry and fleshy fruits. <i>Journal of Integrative Plant Biology</i> , 2024, 66, 228-251.	9.2	2
4	Immunovirological status in people with perinatal and adult-acquired HIV-1 infection: a multi-cohort analysis from France. <i>Lancet Regional Health - Europe</i> , The, 2024, 40, 100885.	7.8	0
5	Phylogenomic profiles of whole-genome duplications in Poaceae and landscape of differential duplicate retention and losses among major Poaceae lineages. <i>Nature Communications</i> , 2024, 15, .	13.2	4
6	A highly resolved nuclear phylogeny uncovers strong phylogenetic conservatism and correlated evolution of fruit color and size in <i>Solanum</i> L. <i>New Phytologist</i> , 2024, 243, 765-780.	7.8	1
7	Porous Carbon Electrode from Starch Soluble for Realizing High-Performance Supercapacitor. <i>ChemistrySelect</i> , 2024, 9, .	1.6	0
8	Phylotranscriptomic analyses reveal multiple whole-genome duplication events, the history of diversification and adaptations in the Araceae. <i>Annals of Botany</i> , 2023, 131, 199-214.	2.9	11
9	Nuclear phylogeny and insights into whole-genome duplications and reproductive development of Solanaceae plants. <i>Plant Communications</i> , 2023, 4, 100595.	8.0	11
10	PXL1 and SERKs act as receptor-coreceptor complexes for the CLE19 peptide to regulate pollen development. <i>Nature Communications</i> , 2023, 14, .	13.2	6
11	Phylogenomics insights into gene evolution, rapid species diversification, and morphological innovation of the apple tribe (Maleae, Rosaceae). <i>New Phytologist</i> , 2023, 240, 2102-2120.	7.8	4
12	Adaptive evolution of the enigmatic <i>Takakia</i> now facing climate change in Tibet. <i>Cell</i> , 2023, 186, 3558-3576.e17.	27.8	12
13	SCFRMF mediates degradation of the meiosis-specific recombinase DMC1. <i>Nature Communications</i> , 2023, 14, .	13.2	1
14	Phylotranscriptomics Resolves the Phylogeny of Pooideae and Uncovers Factors for Their Adaptive Evolution. <i>Molecular Biology and Evolution</i> , 2022, 39, .	9.2	38
15	A well-supported nuclear phylogeny of Poaceae and implications for the evolution of C4 photosynthesis. <i>Molecular Plant</i> , 2022, 15, 755-777.	8.4	69
16	Multi-Omics Analysis in β -Thalassemia Using an HBB Gene-Knockout Human Erythroid Progenitor Cell Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2807.	4.2	8
17	Comparison of Laboratory and Hemodynamic Time Series Data Across Original, Alpha, and Delta Variants in Patients With Multisystem Inflammatory Syndrome in Children. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e372-e381.	0.6	6
18	Aberrant Fucosylation of Saliva Glycoprotein Defining Lung Adenocarcinomas Malignancy. <i>ACS Omega</i> , 2022, 7, 17894-17906.	3.6	10

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19	Mass Spectrometry-Based Analysis of Serum N-Glycosylation Changes in Patients with Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1719-1726.	3.7	21
20	Tree2GD: a phylogenomic method to detect large-scale gene duplication events. <i>Bioinformatics</i> , 2022, 38, 5317-5321.	4.2	7
21	DNA polymerase epsilon binds histone H3.1-H4 and recruits MORC1 to mediate meiotic heterochromatin condensation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.6	9
22	Drivers of global variation in land ownership. <i>Ecography</i> , 2021, 44, 67-74.	4.7	8
23	Evolution of the Brassicaceae-specific <i>MS5</i> family and neofunctionalization of the novel <i>MALE STERILITY 5</i> gene essential for male fertility in <i>Brassica napus</i> . <i>New Phytologist</i> , 2021, 229, 2339-2356.	7.8	5
24	Fanconi anemia ortholog FANCM regulates meiotic crossover distribution in plants. <i>Plant Physiology</i> , 2021, 186, 344-360.	5.1	15
25	626 Female External Urinary Collection Device Utilization in a Female Burn ICU Patients: A Quality Improvement Project. <i>Journal of Burn Care and Research</i> , 2021, 42, S168-S169.	0.5	2
26	Identification of a methylomics-associated nomogram for predicting overall survival of stage II lung adenocarcinoma. <i>Scientific Reports</i> , 2021, 11, 9938.	3.4	3
27	Phylotranscriptomic insights into Asteraceae diversity, polyploidy, and morphological innovation. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1273-1293.	9.2	64
28	Nuclear phylotranscriptomics and phylogenomics support numerous polyploidization events and hypotheses for the evolution of rhizobial nitrogen-fixing symbiosis in Fabaceae. <i>Molecular Plant</i> , 2021, 14, 748-773.	8.4	113
29	Gene duplications and phylogenomic conflict underlie major pulses of phenotypic evolution in gymnosperms. <i>Nature Plants</i> , 2021, 7, 1015-1025.	9.4	78
30	Photophobic Responses of Diatoms – Motility and Inter-Species Modulation. , 2021, , 111-134.		3
31	From birth to adult life. , 2021, , 69-109.		0
32	Diverse trajectories of plastome degradation in holoparasitic <i>Cistanche</i> and genomic location of the lost plastid genes. <i>Journal of Experimental Botany</i> , 2020, 71, 877-892.	4.9	21
33	Recurrent genome duplication events likely contributed to both the ancient and recent rise of ferns. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 433-455.	9.2	45
34	PMU based line outage identification using comparison of current phasor measurement technique. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 115, 105501.	5.7	7
35	The water lily genome and the early evolution of flowering plants. <i>Nature</i> , 2020, 577, 79-84.	36.2	264
36	Phosphorylation of Msx1 promotes cell proliferation through the Fgf9/18-MAPK signaling pathway during embryonic limb development. <i>Nucleic Acids Research</i> , 2020, 48, 11452-11467.	14.0	14

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37	Asterid Phylogenomics/Phylotranscriptomics Uncover Morphological Evolutionary Histories and Support Phylogenetic Placement for Numerous Whole-Genome Duplications. <i>Molecular Biology and Evolution</i> , 2020, 37, 3188-3210.	9.2	96
38	An Unusual Cause of Severe Hypoxemia and Acute Respiratory Distress Syndrome. <i>Chest</i> , 2020, 158, e71-e77.	0.9	1
39	Family Dynamics and Pediatric Weight Management: Putting the Family into Family-Based Treatment. <i>Current Obesity Reports</i> , 2020, 9, 424-441.	8.2	15
40	Short-Term Mild Temperature-Stress-Induced Alterations in the <i>C. elegans</i> Phosphoproteome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6409.	4.2	13
41	Global Quantitative Proteomics Studies Revealed Tissue-Preferential Expression and Phosphorylation of Regulatory Proteins in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6116.	4.2	7
42	Clinical Trials of Probiotic Strains in Selected Disease Entities. <i>International Journal of Microbiology</i> , 2020, 2020, 1-8.	2.3	32
43	Cell-type-dependent histone demethylase specificity promotes meiotic chromosome condensation in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2020, 6, 823-837.	9.4	16
44	The cohesin loader SCC2 contains a PHD finger that is required for meiosis in land plants. <i>PLoS Genetics</i> , 2020, 16, e1008849.	3.4	22
45	Molecular genetic analyses of abiotic stress responses during plant reproductive development. <i>Journal of Experimental Botany</i> , 2020, 71, 2870-2885.	4.9	45
46	Field of experts optimization-based noisy image retrieval. <i>Software - Practice and Experience</i> , 2020, 50, 2110-2118.	3.8	0
47	Fibrotic Response to Neoadjuvant Therapy Predicts Survival in Pancreatic Cancer and Is Measurable with Collagen-Targeted Molecular MRI. <i>Clinical Cancer Research</i> , 2020, 26, 5007-5018.	7.2	32
48	The hornwort genome and early land plant evolution. <i>Nature Plants</i> , 2020, 6, 107-118.	9.4	219
49	Cycling Performance in Short-term Efforts: Laboratory and Field-Based Data in XCO Athletes. <i>Sports Medicine International Open</i> , 2020, 4, E19-E26.	1.0	2
50	A Natural Variation in PLEIOTROPIC DEVELOPMENTAL DEFECTS Uncovers a Crucial Role for Chloroplast tRNA Modification in Translation and Plant Development. <i>Plant Cell</i> , 2020, 32, 2345-2366.	6.7	13
51	Conservation and Divergence in the Meicyte sRNAsomes of <i>Arabidopsis</i> , Soybean, and Cucumber. <i>Plant Physiology</i> , 2020, 182, 301-317.	5.1	13
52	Educational Potential Assessment of Geodiversity Sites: a Proposal and a Case Study in the Basque Country (Spain). <i>Geoheritage</i> , 2020, 12, 1.	2.8	13
53	Phylotranscriptomics in Cucurbitaceae Reveal Multiple Whole-Genome Duplications and Key Morphological and Molecular Innovations. <i>Molecular Plant</i> , 2020, 13, 1117-1133.	8.4	104
54	<i>Schistosoma japonicum</i> cathepsin B2 (SjCB2) facilitates parasite invasion through the skin. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008810.	2.4	13

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55	Judicial precedents associated with periungual warts in South Korea. <i>International Journal of Dermatology</i> , 2019, 58, e39-e42.	1.0	1
56	Meiocyte-Specific and AtSPO11-1-Dependent Small RNAs and Their Association with Meiotic Gene Expression and Recombination. <i>Plant Cell</i> , 2019, 31, 444-464.	6.7	37
57	The Arabidopsis anaphase-promoting complex/cyclosome subunit 8 is required for male meiosis. <i>New Phytologist</i> , 2019, 224, 229-241.	7.8	17
58	Ubiquitylome study identifies increased histone 2A ubiquitylation as an evolutionarily conserved aging biomarker. <i>Nature Communications</i> , 2019, 10, 2191.	13.2	29
59	Reply to Zwaenepoel et al.: Meeting the Challenges of Detecting Polyploidy Events from Transcriptomic Data. <i>Molecular Plant</i> , 2019, 12, 137-140.	8.4	6
60	ANAC019 is required for recovery of reproductive development under drought stress in Arabidopsis. <i>Plant Molecular Biology</i> , 2019, 99, 161-174.	4.0	31
61	The Largest Subunit of DNA Polymerase Delta Is Required for Normal Formation of Meiotic Type I Crossovers. <i>Plant Physiology</i> , 2019, 179, 446-459.	5.1	29
62	Plant based Pickering stabilization of emulsions using soluble flaxseed protein and mucilage nano-assemblies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 170-182.	4.8	45
63	Starbon/High Amylose Corn Starch-Supported N-Heterocyclic Carbene-Iron(III) Catalyst for Conversion of Fructose into 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2018, 11, 716-725.	7.5	28
64	Widespread Whole Genome Duplications Contribute to Genome Complexity and Species Diversity in Angiosperms. <i>Molecular Plant</i> , 2018, 11, 414-428.	8.4	274
65	The AWPM-19 Family Protein OsPM1 Mediates Abscisic Acid Influx and Drought Response in Rice. <i>Plant Cell</i> , 2018, 30, 1258-1276.	6.7	90
66	Tobacco Influence on Taste and Smell: Systematic Review of the Literature. <i>International Archives of Otorhinolaryngology</i> , 2018, 22, 081-087.	0.8	40
67	Enzyme and Chemical Assisted N-Terminal Blocked Peptides Analysis, ENCHANT, as a Selective Proteomics Approach Complementary to Conventional Shotgun Approach. <i>Journal of Proteome Research</i> , 2018, 17, 212-221.	3.8	11
68	Phylogenomic detection and functional prediction of genes potentially important for plant meiosis. <i>Gene</i> , 2018, 643, 83-97.	2.3	5
69	Analysis of definitive screening designs: Screening vs prediction. <i>Applied Stochastic Models in Business and Industry</i> , 2018, 34, 244-255.	1.7	11
70	An Approach to Incorporate Multi-Enzyme Digestion into C-TAILS for C-Terminomics Studies. <i>Proteomics</i> , 2018, 18, 1700034.	3.0	21
71	Proteomic analysis of lysine acetylation provides strong evidence for involvement of acetylated proteins in plant meiosis and tapetum function. <i>Plant Journal</i> , 2018, 93, 142-154.	5.9	33
72	Robust Virtual Welding Process Optimization. <i>Procedia Computer Science</i> , 2018, 140, 342-350.	2.1	1

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73	Elevated temperature increases meiotic crossover frequency via the interfering (Type I) pathway in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2018, 14, e1007384.	3.4	68
74	Order-level fern plastome phylogenomics: new insights from Hymenophyllales. <i>American Journal of Botany</i> , 2018, 105, 1545-1555.	1.9	32
75	A well-resolved fern nuclear phylogeny reveals the evolution history of numerous transcription factor families. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 961-977.	2.9	88
76	OsERF101, an ERF family transcription factor, regulates drought stress response in reproductive tissues. <i>Plant Molecular Biology</i> , 2018, 98, 51-65.	4.0	66
77	Tetramethylpyrazine ameliorates experimental autoimmune encephalomyelitis by modulating the inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1968-1972.	2.2	21
78	Interpolating sequences and Carleson measures in the Hardy–Sobolev spaces of the ball in \mathbb{C}^n . <i>Studia Mathematica</i> , 2018, 241, 101-133.	0.6	0
79	Evolution of Rosaceae Fruit Types Based on Nuclear Phylogeny in the Context of Geological Times and Genome Duplication. <i>Molecular Biology and Evolution</i> , 2017, 34, msw242.	9.2	211
80	Phosphorylation of SPOROCTELESS/NOZZLE by the MPK3/6 Kinase Is Required for Anther Development. <i>Plant Physiology</i> , 2017, 173, 2265-2277.	5.1	56
81	Poly(ADP-ribose) polymerases regulate cell division and development in <i>Arabidopsis</i> roots. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 459-474.	9.2	15
82	Tissue-Specific Transcriptomics Reveals an Important Role of the Unfolded Protein Response in Maintaining Fertility upon Heat Stress in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2017, 29, 1007-1023.	6.7	139
83	Resolution of deep eudicot phylogeny and their temporal diversification using nuclear genes from transcriptomic and genomic datasets. <i>New Phytologist</i> , 2017, 214, 1338-1354.	7.8	140
84	BK11 Regulates Plant Architecture through Coordinated Inhibition of the Brassinosteroid and ERECTA Signaling Pathways in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2017, 10, 297-308.	8.4	34
85	Cytological and Transcriptomic Analyses Reveal Important Roles of <i>CLE19</i> in Pollen Exine Formation. <i>Plant Physiology</i> , 2017, 175, 1186-1202.	5.1	19
86	The Compositae Tree of Life in the age of phylogenomics. <i>Journal of Systematics and Evolution</i> , 2017, 55, 405-410.	3.0	64
87	Reply: The BIF Domain Is Structurally and Functionally Distinct from Other Types of ACT-Like Domains. <i>Plant Cell</i> , 2017, 29, 1803-1805.	6.7	3
88	The UltraSound ToolBox. , 2017, , .		29
89	Monolithically Integrated 4Å—4 Optical Switch with Cascaded MZIs and EAM-Gate Array. , 2017, , .		2
90	A Strategy for Screening Monoclonal Antibodies for <i>Arabidopsis</i> Flowers. <i>Frontiers in Plant Science</i> , 2017, 8, 270.	3.8	3

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91	Comparative Analysis of Proteome-Wide Lysine Acetylation in Juvenile and Adult <i>Schistosoma japonicum</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2248.	3.6	29
92	Stimulated Raman scattering microscopy and spectroscopy with a rapid scanning optical delay line. <i>Optics Letters</i> , 2017, 42, 659.	3.3	55
93	<i>Arabidopsis</i> RAD51, RAD51C and XRCC3 proteins form a complex and facilitate RAD51 localization on chromosomes for meiotic recombination. <i>PLoS Genetics</i> , 2017, 13, e1006827.	3.4	41
94	<i>MID1</i> plays an important role in response to drought stress during reproductive development. <i>Plant Journal</i> , 2016, 88, 280-293.	5.9	50
95	The PHD Finger Protein MMD1/DUET Ensures the Progression of Male Meiotic Chromosome Condensation and Directly Regulates the Expression of the Condensin Gene <i>CAP-D3</i> . <i>Plant Cell</i> , 2016, 28, 1894-1909.	6.7	48
96	Evolution and protein interactions of AP2 proteins in Brassicaceae: Evidence linking development and environmental responses. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 549-563.	9.2	18
97	Using nuclear genes to reconstruct angiosperm phylogeny at the species level: A case study with Brassicaceae species. <i>Journal of Systematics and Evolution</i> , 2016, 54, 438-452.	3.0	14
98	Evolution of the leucine-rich repeat receptor-like protein kinase gene family: Ancestral copy number and functional divergence of <i>BAM1</i> and <i>BAM2</i> in Brassicaceae. <i>Journal of Systematics and Evolution</i> , 2016, 54, 204-218.	3.0	7
99	Feedback Regulation of DYT1 by Interactions with Downstream bHLH Factors Promotes DYT1 Nuclear Localization and Anther Development. <i>Plant Cell</i> , 2016, 28, 1078-1093.	6.7	98
100	Phylogenetic Resolution of Deep Eukaryotic and Fungal Relationships Using Highly Conserved Low-Copy Nuclear Genes. <i>Genome Biology and Evolution</i> , 2016, 8, 2683-2701.	2.6	31
101	Abundant protein phosphorylation potentially regulates <i>Arabidopsis</i> anther development. <i>Journal of Experimental Botany</i> , 2016, 67, 4993-5008.	4.9	34
102	Multiple Polyploidization Events across Asteraceae with Two Nested Events in the Early History Revealed by Nuclear Phylogenomics. <i>Molecular Biology and Evolution</i> , 2016, 33, 2820-2835.	9.2	157
103	Circular pump support of blood circulation in the human body. <i>AIP Conference Proceedings</i> , 2016, , .	1.0	1
104	Phylogenomic analyses of large-scale nuclear genes provide new insights into the evolutionary relationships within the rosids. <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 166-176.	2.9	43
105	Proteomics and transcriptomics analyses of <i>Arabidopsis</i> floral buds uncover important functions of <i>ARABIDOPSIS SKP1-LIKE1</i> . <i>BMC Plant Biology</i> , 2016, 16, 61.	3.7	13
106	Resolution of Brassicaceae Phylogeny Using Nuclear Genes Uncovers Nested Radiations and Supports Convergent Morphological Evolution. <i>Molecular Biology and Evolution</i> , 2016, 33, 394-412.	9.2	274
107	<i>OsNAC2</i> encoding a <i>NAC</i> transcription factor that affects plant height through mediating the gibberellic acid pathway in rice. <i>Plant Journal</i> , 2015, 82, 302-314.	5.9	122
108	Sports Participation and Moral Development Outcomes: Examination of Validity and Reliability of the Prosocial and Antisocial Behavior in Sport Scale. <i>International Journal of Sports Science and Coaching</i> , 2015, 10, 505-513.	1.5	6

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109	Proteomic and phosphoproteomic analyses reveal extensive phosphorylation of regulatory proteins in developing rice anthers. <i>Plant Journal</i> , 2015, 84, 527-544.	5.9	63
110	Stepwise and lineage-specific diversification of plant <i>scp</i> RNA polymerase genes and origin of the largest plant-specific subunits. <i>New Phytologist</i> , 2015, 207, 1198-1212.	7.8	33
111	Effects of Open and Closed Endotracheal Suctioning on Intracranial Pressure and Cerebral Perfusion Pressure in Adult Patients With Severe Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2015, 47, 239-246.	1.2	8
112	Intake of Hydrolyzed Casein is Associated with Reduced Body Fat Accretion and Enhanced Phase II Metabolism in Obesity Prone C57BL/6J Mice. <i>PLoS ONE</i> , 2015, 10, e0118895.	2.5	10
113	<i>Arabidopsis</i> <i>Cell Division Cycle 20.1</i> Is Required for Normal Meiotic Spindle Assembly and Chromosome Segregation. <i>Plant Cell</i> , 2015, 27, 3367-3382.	6.7	56
114	Unusual coordination mode of 3-methoxysalicylaldehyde in mononuclear zinc(II) complexes with nitrogenous bases: Synthesis, structural characterization and theoretical studies. <i>Polyhedron</i> , 2015, 87, 275-285.	2.3	5
115	Differential evolution of members of the <i>rhomboid</i> gene family with conservative and divergent patterns. <i>New Phytologist</i> , 2015, 206, 368-380.	7.8	24
116	<i>Arabidopsis</i> TOE proteins convey a photoperiodic signal to antagonize CONSTANS and regulate flowering time. <i>Genes and Development</i> , 2015, 29, 975-987.	5.9	146
117	Aluminum hypophosphite microencapsulated to improve its safety and application to flame retardant polyamide 6. <i>Journal of Hazardous Materials</i> , 2015, 294, 186-194.	12.6	127
118	Formation of interference-sensitive meiotic cross-overs requires sufficient DNA leading-strand elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12534-12539.	7.6	24
119	Effects of In-Feed Copper, Chlortetracycline, and Tylosin on the Prevalence of Transferable Copper Resistance Gene, <i>tcrB</i> , Among Fecal Enterococci of Weaned Piglets. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 670-678.	1.9	24
120	Expansion and Functional Divergence of Jumonji C-Containing Histone Demethylases: Significance of Duplications in Ancestral Angiosperms and Vertebrates. <i>Plant Physiology</i> , 2015, 168, 1321-1337.	5.1	67
121	Whole-genome DNA methylation patterns and complex associations with gene structure and expression during flower development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2015, 81, 268-281.	5.9	81
122	Inverse Correlation Between <i>Helicobacter pylori</i> Colonization and Obesity in a Cohort of Inner City Children. <i>Helicobacter</i> , 2015, 20, 64-68.	3.3	26
123	Alternative splicing during <i>Arabidopsis</i> flower development results in constitutive and stage-regulated isoforms. <i>Frontiers in Genetics</i> , 2014, 5, 25.	2.3	46
124	MeioBase: a comprehensive database for meiosis. <i>Frontiers in Plant Science</i> , 2014, 5, 728.	3.8	3
125	<i>Arabidopsis</i> PTD Is Required for Type I Crossover Formation and Affects Recombination Frequency in Two Different Chromosomal Regions. <i>Journal of Genetics and Genomics</i> , 2014, 41, 165-175.	3.9	23
126	CbCBF from <i>Capsella bursa-pastoris</i> enhances cold tolerance and restrains growth in <i>Nicotiana tabacum</i> by antagonizing with gibberellin and affecting cell cycle signaling. <i>Plant Molecular Biology</i> , 2014, 85, 259-275.	4.0	34

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127	The NAC Family Transcription Factor OsNAP Confers Abiotic Stress Response Through the ABA Pathway. <i>Plant and Cell Physiology</i> , 2014, 55, 604-619.	3.2	219
128	Meiosis: Recent Progress and New Opportunities. <i>Journal of Genetics and Genomics</i> , 2014, 41, 83-85.	3.9	4
129	The <i>A</i> rabi dopsis <i>i</i> <i>RAD</i> 51 paralogs <i>i</i> <i>RAD</i> 51B, <i>i</i> <i>RAD</i> 51D and <i>i</i> <i>XRCC</i> 2 play partially redundant roles in somatic DNA repair and gene regulation. <i>New Phytologist</i> , 2014, 201, 292-304.	7.8	39
130	The Arabidopsis <i>CALLOSE DEFECTIVE MICROSPORE1</i> Gene Is Required for Male Fertility through Regulating Callose Metabolism during Microsporogenesis. <i>Plant Physiology</i> , 2014, 164, 1893-1904.	5.1	89
131	Detection of genomic variations and DNA polymorphisms and impact on analysis of meiotic recombination and genetic mapping. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10007-10012.	7.6	58
132	Moderate drought causes dramatic floral transcriptomic reprogramming to ensure successful reproductive development in Arabidopsis. <i>BMC Plant Biology</i> , 2014, 14, 164.	3.7	39
133	Perceived neighborhood environment and physical activity in 11 countries: Do associations differ by country?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013, 10, 57.	4.5	78
134	The rice OsDIL gene plays a role in drought tolerance at vegetative and reproductive stages. <i>Plant Molecular Biology</i> , 2013, 82, 239-253.	4.0	104
135	Flower Development under Drought Stress: Morphological and Transcriptomic Analyses Reveal Acute Responses and Long-Term Acclimation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 3785-3807.	6.7	182
136	The <i>Amborella</i> Genome and the Evolution of Flowering Plants. <i>Science</i> , 2013, 342, 1241089.	20.9	775
137	Use of UPLC-ESI-MS/MS to quantitate free amino acid concentrations in micro-samples of mammalian milk. <i>SpringerPlus</i> , 2013, 2, 622.	1.2	31
138	A battle between genomes in plant male fertility. <i>Nature Genetics</i> , 2013, 45, 472-473.	20.4	14
139	AtPRK2 Promotes ROP1 Activation via RopGEFs in the Control of Polarized Pollen Tube Growth. <i>Molecular Plant</i> , 2013, 6, 1187-1201.	8.4	136
140	Rice Male Development under Drought Stress: Phenotypic Changes and Stage-Dependent Transcriptomic Reprogramming. <i>Molecular Plant</i> , 2013, 6, 1630-1645.	8.4	102
141	Deep mRNA Sequencing Analysis to Capture the Transcriptome Landscape of Zebrafish Embryos and Larvae. <i>PLoS ONE</i> , 2013, 8, e64058.	2.5	57
142	Comprehensive Analysis of Genic Male Sterility-Related Genes in Brassica rapa Using a Newly Developed Br300K Oligomeric Chip. <i>PLoS ONE</i> , 2013, 8, e72178.	2.5	50
143	The DNA Replication Factor RFC1 Is Required for Interference-Sensitive Meiotic Crossovers in Arabidopsis thaliana. <i>PLoS Genetics</i> , 2012, 8, e1003039.	3.4	77
144	Analysis of <i>Arabidopsis</i> genome-wide variations before and after meiosis and meiotic recombination by resequencing Landsberg <i>erecta</i> and all four products of a single meiosis. <i>Genome Research</i> , 2012, 22, 508-518.	5.6	129

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