

# Yong Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137  
papers

3,397  
citations

28  
h-index

52  
g-index

142  
ext. papers

4,822  
ext. citations

6.2  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
137	Protoplast Isolation and Transfection in Rice.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2464, 83-90	1.4	0
136	CRISPR-BETS: a base-editing design tool for generating stop codons. <i>Plant Biotechnology Journal</i> , <b>2021</b> ,	11.6	5
135	Expanding the scope of plant genome engineering with Cas12a orthologs and highly multiplexable editing systems. <i>Nature Communications</i> , <b>2021</b> , 12, 1944	17.4	17
134	CRISPR-Cas technology based genome editing for modification of salinity stress tolerance responses in rice ( <i>Oryza sativa</i> L.). <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 3605-3615	2.8	3
133	Genome-wide analysis and functional characterization of the Dof transcription factor family in rice ( <i>Oryza sativa</i> L.). <i>Planta</i> , <b>2021</b> , 253, 101	4.7	4
132	Improved plant cytosine base editors with high editing activity, purity, and specificity. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 2052-2068	11.6	14
131	Single Transcript Unit CRISPR 2.0 Systems for Genome Editing in Rice. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2238, 193-204	1.4	1
130	Improving a Quantitative Trait in Rice by Multigene Editing with CRISPR-Cas9. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2238, 205-219	1.4	
129	Efficient deletion of multiple circle RNA loci by CRISPR-Cas9 reveals Os06circ02797 as a putative sponge for OsMIR408 in rice. <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1240-1252	11.6	10
128	CRISPR-Cas9 mediated OsMIR168a knockout reveals its pleiotropy in rice. <i>Plant Biotechnology Journal</i> , <b>2021</b> ,	11.6	7
127	PAM-less plant genome editing using a CRISPR-SpRY toolbox. <i>Nature Plants</i> , <b>2021</b> , 7, 25-33	11.5	61
126	The Improvement of CRISPR-Cas9 System With Ubiquitin-Associated Domain Fusion for Efficient Plant Genome Editing. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 621	6.2	6
125	CRISPR-Cas12b enables efficient plant genome engineering. <i>Nature Plants</i> , <b>2020</b> , 6, 202-208	11.5	63
124	Plant Prime Editors Enable Precise Gene Editing in Rice Cells. <i>Molecular Plant</i> , <b>2020</b> , 13, 667-670	14.4	94
123	Randomized controlled trials for comparison of laparoscopic versus conventional open catheter placement in peritoneal dialysis patients: a meta-analysis. <i>BMC Nephrology</i> , <b>2020</b> , 21, 60	2.7	7
122	A solvent-assisted ligand exchange approach enables metal-organic frameworks with diverse and complex architectures. <i>Nature Communications</i> , <b>2020</b> , 11, 927	17.4	44
121	Silver sulphide nano-particles enhanced photo-current in polymer solar cells. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	10

120	Early versus delayed stenting for intracranial atherosclerotic artery stenosis with ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 274-278	7.8	10
119	Hierarchically Porous MoS-Carbon Hollow Rhomboids for Superior Performance of the Anode of Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 10402-10409	9.5	21
118	Prognostic value of plasma von Willebrand factor levels in major adverse cardiovascular events: a systematic review and meta-analysis. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 72	2.3	9
117	The effect of sour cherry consumption on blood pressure, IL-6, CRP, and TNF- $\alpha$ levels: A systematic review and meta-analysis of randomized controlled trials sour cherry consumption and blood pressure. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1687-1693	3.6	3
116	Profiling and integrated analysis of differentially expressed circRNAs as novel biomarkers for breast cancer. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 7945-7959	7	16
115	Quench-Type Electrochemiluminescence Immunosensor Based on Resonance Energy Transfer from Carbon Nanotubes and Au-Nanoparticles-Enhanced -CN to CuO@Polydopamine for Procalcitonin Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 8006-8015	9.5	39
114	Enhanced mechanical energy harvesting capability in sodium bismuth titanate based lead-free piezoelectric. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 825, 154020	5.7	25
113	SmKSL overexpression combined with elicitor treatment enhances tanshinone production from <i>Salvia miltiorrhiza</i> hairy roots. <i>Biochemical Engineering Journal</i> , <b>2020</b> , 158, 107562	4.2	7
112	Intron-Based Single Transcript Unit CRISPR Systems for Plant Genome Editing. <i>Rice</i> , <b>2020</b> , 13, 8	5.8	15
111	CARM1 is heterogeneous in mouse four-cell embryo and important to blastocyst development. <i>Reproduction</i> , <b>2020</b> , 159, 91-104	3.8	3
110	Fusaric acid instigates the invasion of banana by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> TR4. <i>New Phytologist</i> , <b>2020</b> , 225, 913-929	9.8	19
109	Interactions of stimulus quality and frequency on N400 in Chinese character recognition: Evidence for cascaded processing. <i>Neuroscience Letters</i> , <b>2020</b> , 715, 134614	3.3	1
108	Fabrication of WO <sub>3</sub> /TiO <sub>2</sub> core-shell nanowire arrays: Structure design and high electrochromic performance. <i>Electrochimica Acta</i> , <b>2020</b> , 330, 135189	6.7	21
107	Morin alleviates LPS-induced mastitis by inhibiting the PI3K/AKT, MAPK, NF- $\kappa$ B and NLRP3 signaling pathway and protecting the integrity of blood-milk barrier. <i>International Immunopharmacology</i> , <b>2020</b> , 78, 105972	5.8	22
106	Fibroblast growth factor 21 inhibited ischemic arrhythmias via targeting miR-143/EGR1 axis. <i>Basic Research in Cardiology</i> , <b>2020</b> , 115, 9	11.8	20
105	Personality traits and negative affect mediate the relationship between cortical thickness of superior frontal cortex and aggressive behavior. <i>Neuroscience Letters</i> , <b>2020</b> , 718, 134728	3.3	5
104	Halogenation on benzo[1,2-b:4,5-b']difuran polymers for solvent additive-free non-fullerene polymer solar cells with efficiency exceeding 11%. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 139-146	7.1	8
103	Computational approaches for effective CRISPR guide RNA design and evaluation. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 35-44	6.8	59

102	ABA and sucrose co-regulate strawberry fruit ripening and show inhibition of glycolysis. <i>Molecular Genetics and Genomics</i> , <b>2020</b> , 295, 421-438	3.1	22
101	QTL mapping for grain yield-related traits in bread wheat via SNP-based selective genotyping. <i>Theoretical and Applied Genetics</i> , <b>2020</b> , 133, 857-872	6	14
100	Dependence of unsaturated chloride diffusion on the pore structure in cementitious materials. <i>Cement and Concrete Research</i> , <b>2020</b> , 127, 105919	10.3	14
99	Endocrine Therapy for Ductal Carcinoma In Situ (DCIS) of the Breast with Breast Conserving Surgery (BCS) and Radiotherapy (RT): a Meta-Analysis. <i>Pathology and Oncology Research</i> , <b>2020</b> , 26, 521-531	2.6	3
98	Towards understanding multi-model precipitation predictions from CMIP5 based on China hourly merged precipitation analysis data. <i>Atmospheric Research</i> , <b>2020</b> , 231, 104671	5.4	7
97	Transport of arsenic loaded by ferric humate colloid in saturated porous media. <i>Chemosphere</i> , <b>2020</b> , 240, 124987	8.4	15
96	Regulation of melanocortin-1 receptor pharmacology by melanocortin receptor accessory protein 2 in orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>General and Comparative Endocrinology</i> , <b>2020</b> , 285, 113291	3	3
95	Knockout of the Transcription Factor Causes Drought and Heat Sensitivity in Rice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	25
94	Splice variants of DOMINO control Drosophila circadian behavior and pacemaker neuron maintenance. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008474	6	5
93	Bidirectional Promoter-Based CRISPR-Cas9 Systems for Plant Genome Editing. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1173	6.2	28
92	MicroRNA-1 downregulation induced by carvedilol protects cardiomyocytes against apoptosis by targeting heat shock protein 60. <i>Molecular Medicine Reports</i> , <b>2019</b> , 19, 3527-3536	2.9	7
91	Self-reports of workloads and aberrant driving behaviors as predictors of crash rate among taxi drivers: A cross-sectional study in China. <i>Traffic Injury Prevention</i> , <b>2019</b> , 20, 738-743	1.8	5
90	3D carbon coated NiCoS nanowires doped with nitrogen for electrochemical energy storage and conversion. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 556, 449-457	9.3	15
89	Simulation of Particle Mixing and Separation in Multi-Component Fluidized Bed Using Eulerian-Eulerian Method: A Review. <i>International Journal of Chemical Reactor Engineering</i> , <b>2019</b> , 17,	1.2	15
88	Ochratoxin A-Triggered Chicken Heterophil Extracellular Traps Release through Reactive Oxygen Species Production Dependent on Activation of NADPH Oxidase, ERK, and p38 MAPK Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11230-11235	5.7	15
87	Intranasal immunization with coxsackievirus A16 virus-like particles confers protection against lethal infection in neonatal mice. <i>Archives of Virology</i> , <b>2019</b> , 164, 2975-2984	2.6	1
86	Exercise Intervention Improves Clinical Outcomes, but the "Time of Session" is Crucial for Better Quality of Life in Breast Cancer Survivors: A Systematic Review and Meta-Analysis. <i>Cancers</i> , <b>2019</b> , 11,	6.6	17
85	Ink-bottle Effect and Pore Size Distribution of Cementitious Materials Identified by Pressurization?Depressurization Cycling Mercury Intrusion Porosimetry. <i>Materials</i> , <b>2019</b> , 12,	3.5	21

84	Electrochemical enantioselective recognition penicillamine isomers based on chiral C-dots/MOF hybrid arrays. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 846, 113151	4.1	12
83	Fabrication of CoFe/N-doped mesoporous carbon hybrids from Prussian blue analogous as high performance cathodes for lithium-sulfur batteries. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 20257-20266	6.7	12
82	The effect of Aronia consumption on lipid profile, blood pressure, and biomarkers of inflammation: A systematic review and meta-analysis of randomized controlled trials. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 1981-1990	6.7	15
81	Enhancement of tanshinone production in hairy root cultures by metabolic engineering. <i>Plant Methods</i> , <b>2019</b> , 15, 53	5.8	14
80	Comparative Analysis of Calcium-Dependent Protein Kinase in Cucurbitaceae and Expression Studies in Watermelon. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	9
79	The influence of fasting and energy restricting diets on IGF-1 levels in humans: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , <b>2019</b> , 53, 100910	12	38
78	Improving Plant Genome Editing with High-Fidelity xCas9 and Non-canonical PAM-Targeting Cas9-NG. <i>Molecular Plant</i> , <b>2019</b> , 12, 1027-1036	14.4	113
77	Seismic morphology and infilling architecture of incised valleys in the northwest South Yellow Sea since the last glaciation. <i>Continental Shelf Research</i> , <b>2019</b> , 179, 52-65	2.4	6
76	Comparative investigation of the optical spectroscopic and thermal effect in Nd-doped nanoparticles. <i>Nanoscale</i> , <b>2019</b> , 11, 10220-10228	7.7	16
75	Genetic architecture of grain yield in bread wheat based on genome-wide association studies. <i>BMC Plant Biology</i> , <b>2019</b> , 19, 168	5.3	67
74	Balloon-mounted versus self-expanding stents for symptomatic intracranial vertebrobasilar artery stenosis combined with poor collaterals. <i>Neurological Research</i> , <b>2019</b> , 41, 704-713	2.7	6
73	Quantitative proteomics reveals the key molecular events occurring at different cell cycle phases of the in situ blooming dinoflagellate cells. <i>Science of the Total Environment</i> , <b>2019</b> , 676, 62-71	10.2	7
72	A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. <i>Nature Communications</i> , <b>2019</b> , 10, 1973	17.4	65
71	PTK2 promotes cancer stem cell traits in hepatocellular carcinoma by activating Wnt/ $\beta$ -catenin signaling. <i>Cancer Letters</i> , <b>2019</b> , 450, 132-143	9.9	40
70	Ultrasmall Au nanoclusters for biomedical and biosensing applications: A mini-review. <i>Talanta</i> , <b>2019</b> , 200, 432-442	6.2	78
69	Optimizing live-animal bioluminescence imaging prediction of tumor burden in human prostate cancer xenograft models in SCID-NSG mice. <i>Prostate</i> , <b>2019</b> , 79, 949-960	4.2	2
68	Elucidating cloud vertical structures based on three-year Ka-band cloud radar observations from Beijing, China. <i>Atmospheric Research</i> , <b>2019</b> , 222, 88-99	5.4	14
67	Prefrontal sensitivity to changes in language form and semantic content during speech production. <i>Brain and Language</i> , <b>2019</b> , 194, 23-34	2.9	5

66	Molten-salt strategy for fabrication of hierarchical porous N-doped carbon nanosheets towards high-performance supercapacitors. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 230, 178-186	4.4	13
65	Centennial-scale process activity in a complex landslide body in the Qilian Mountains, northeast Tibetan Plateau, China. <i>Catena</i> , <b>2019</b> , 179, 29-38	5.8	15
64	Investigations of new bulk metallic glass alloys fabricated using a high-pressure die-casting method based on industrial grade Zr raw material. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 792, 851-859	5.7	9
63	Targeted Mutagenesis of NAC Transcription Factor Gene, OsNAC041, Leading to Salt Sensitivity in Rice. <i>Rice Science</i> , <b>2019</b> , 26, 98-108	3.8	44
62	Quantitative analysis of modified functional muscle-bone unit and back muscle density in patients with lumbar vertebral fracture in Chinese elderly men: a case-control study. <i>Aging Clinical and Experimental Research</i> , <b>2019</b> , 31, 637-644	4.8	17
61	Ultrathin carbon coated mesoporous Ni-NiFe <sub>2</sub> O <sub>4</sub> nanosheet arrays for efficient overall water splitting. <i>Electrochimica Acta</i> , <b>2019</b> , 321, 134652	6.7	23
60	Orange-spotted grouper melanocortin-4 receptor: Modulation of signaling by MRAP2. <i>General and Comparative Endocrinology</i> , <b>2019</b> , 284, 113234	3	16
59	Mapping and analysis of QTLs related to seed length and seed width in <i>Glycine max</i> . <i>Plant Breeding</i> , <b>2019</b> , 138, 733-740	2.4	0
58	Multidisciplinary team efforts improve the surgical outcomes of sellar region lesions during pregnancy. <i>Endocrine</i> , <b>2019</b> , 66, 477-484	4	2
57	Reproductive toxicity of acute Cd exposure in mouse: Resulting in oocyte defects and decreased female fertility. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 379, 114684	4.6	33
56	Molecular engineering of thermally activated delayed fluorescence emitters to concurrently achieve high performance and reduced efficiency roll-off in organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 9966-9974	7.1	11
55	Metal-free quinolylolation of the primary amino groups of amino acid derivatives and peptides with dihydrooxazolo[3,2-a]quinoliniums. <i>Green Chemistry</i> , <b>2019</b> , 21, 4231-4237	10	1
54	Identifying Cancer Driver lncRNAs Bridged by Functional Effectors through Integrating Multi-omics Data in Human Cancers. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 17, 362-373	10.7	20
53	Chain Engineering of Benzodifuran-Based Wide-Bandgap Polymers for Efficient Non-Fullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900227	4.8	13
52	De novo assembly of a chromosome-level reference genome of red-spotted grouper ( <i>Epinephelus akaara</i> ) using nanopore sequencing and Hi-C. <i>Molecular Ecology Resources</i> , <b>2019</b> , 19, 1461-1469	8.4	26
51	Manipulating Polymer Donors Toward a High-Performance Polymer Acceptor Based On a Fused Perylenediimide Building Block With a Built-In Twisting Configuration. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 29765-29772	9.5	10
50	iDNA6mA-Rice: A Computational Tool for Detecting N6-Methyladenine Sites in Rice. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 793	4.5	41
49	ASC-J9 $\alpha$ increases the bladder cancer chemotherapy efficacy via altering the androgen receptor (AR) and NF- $\kappa$ B survival signals. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 275	12.8	12

48	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 8095-8104	8.1	14
47	XQ-SR: Joint x-q space super-resolution with application to infant diffusion MRI. <i>Medical Image Analysis</i> , <b>2019</b> , 57, 44-55	15.4	6
46	Elevated platelet-to-lymphocyte corresponds with poor outcome in patients with advanced cancer receiving anti-PD-1 therapy. <i>International Immunopharmacology</i> , <b>2019</b> , 74, 105707	5.8	8
45	-GlcNAcylation of Thr/Ser in short-form -GlcNAc transferase (sOGT) regulates its substrate selectivity. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 16620-16633	5.4	7
44	Pretreatment Prediction of Adaptive Radiation Therapy Eligibility Using MRI-Based Radiomics for Advanced Nasopharyngeal Carcinoma Patients. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1050	5.3	21
43	Identifying and Dating the Destruction of Hydrocarbon Reservoirs Using Secondary Chemical Remanent Magnetization. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 11100-11108	4.9	3
42	A New Sesquiterpenoid from <i>Chrysanthemum indicum</i> . <i>Chemistry of Natural Compounds</i> , <b>2019</b> , 55, 1076-1079	4.7	4
41	SUR-8 interacts with PP1-87B to stabilize PERIOD and regulate circadian rhythms in <i>Drosophila</i> . <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008475	6	3
40	Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and <i>Arabidopsis</i> . <i>BMC Biology</i> , <b>2019</b> , 17, 9	7.3	102
39	China-CIMMYT collaboration enhances wheat improvement in China. <i>Frontiers of Agricultural Science and Engineering</i> , <b>2019</b> , 6, 233	1.7	3
38	FcRIIB-I232T polymorphic change allosterically suppresses ligand binding. <i>ELife</i> , <b>2019</b> , 8,	8.9	7
37	Synthesis and Properties of 9,10-Dihydroxystearic Acid Ethoxylate. <i>Tenside, Surfactants, Detergents</i> , <b>2019</b> , 56, 237-243	1	3
36	Effect of Slot Wall Jet on Combustion Process in a 660 MW Opposed Wall Fired Pulverized Coal Boiler. <i>International Journal of Chemical Reactor Engineering</i> , <b>2019</b> , 17,	1.2	23
35	Melatonin supplementation during in vitro maturation of oocyte enhances subsequent development of bovine cloned embryos. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 17370-17381	7	48
34	The resolution-dependent role of landscape attributes in shaping macro-scale biodiversity patterns. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 767-778	6.1	3
33	The Effect of Size, Dose, and Administration Route on Zein Nanoparticle Immunogenicity in BALB/c Mice. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9917-9928	7.3	12
32	The Role of Debris Cover in Catchment Runoff: A Case Study of the Hailuogou Catchment, South-Eastern Tibetan Plateau. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2601	3	4
31	A Dynamic Variation of Pulmonary ACE2 Is Required to Modulate Neutrophilic Inflammation in Response to Lung Infection in Mice. <i>Journal of Immunology</i> , <b>2019</b> , 203, 3000-3012	5.3	62

30	Fusion or non-fusion of quasi-two-dimensional fused perylene diimide acceptors: the importance of molecular geometry for fullerene-free organic solar cells. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 27493-27502	13	14
29	Sucrose Promotes Strawberry Fruit Ripening and Affects Ripening-Related Processes. <i>International Journal of Genomics</i> , <b>2019</b> , 2019, 9203057	2.5	8
28	Effect of Benzo[a]pyrene-DNA Adduct in Cord Blood on the Neurodevelopment of 12-Month-Old Infants in Qingdao City. <i>Neuropsychiatric Disease and Treatment</i> , <b>2019</b> , 15, 3351-3357	3.1	1
27	Individual resection and reconstruction of pelvic tumor with three-dimensional printed customized hemi-pelvic prosthesis: A case report. <i>Medicine (United States)</i> , <b>2019</b> , 98, e16658	1.8	12
26	Genetic Characteristics and Pathogenicity Analysis in Chickens and Mice of Three H9N2 Avian Influenza Viruses. <i>Viruses</i> , <b>2019</b> , 11,	6.2	8
25	Multiplex QTL editing of grain-related genes improves yield in elite rice varieties. <i>Plant Cell Reports</i> , <b>2019</b> , 38, 475-485	5.1	75
24	Single transcript unit CRISPR 2.0 systems for robust Cas9 and Cas12a mediated plant genome editing. <i>Plant Biotechnology Journal</i> , <b>2019</b> , 17, 1431-1445	11.6	75
23	Identification of salivary metabolites for oral squamous cell carcinoma and oral epithelial dysplasia screening from persistent suspicious oral mucosal lesions. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 3557-3563	4.2	19
22	Synthesis and properties of dihydroxyoleic acid methyl ester ethoxylates. <i>Journal of Dispersion Science and Technology</i> , <b>2019</b> , 40, 1272-1279	1.5	2
21	A Single Transcript CRISPR-Cas9 System for Multiplex Genome Editing in Plants. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1917, 75-82	1.4	2
20	CRISPR-Act2.0: An Improved Multiplexed System for Plant Transcriptional Activation. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1917, 83-93	1.4	2
19	Knocking Out MicroRNA Genes in Rice with CRISPR-Cas9. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1917, 109-119	1.9	3
18	High-performance work system and employee performance: the mediating roles of social exchange and thriving and the moderating effect of employee proactive personality. <i>Asia Pacific Journal of Human Resources</i> , <b>2019</b> , 57, 369-395	2.2	24
17	Next-generation Sequencing Study of Pathogens in Serum from Patients with Febrile Jaundice in Sierra Leone. <i>Biomedical and Environmental Sciences</i> , <b>2019</b> , 32, 363-370	1.1	6
16	Robust Transcriptional Activation in Plants Using Multiplexed CRISPR-Act2.0 and mTALE-Act Systems. <i>Molecular Plant</i> , <b>2018</b> , 11, 245-256	14.4	120
15	Plant Genome Editing Using FnCpf1 and LbCpf1 Nucleases at Redefined and Altered PAM Sites. <i>Molecular Plant</i> , <b>2018</b> , 11, 999-1002	14.4	92
14	MIGS as a Simple and Efficient Method for Gene Silencing in Rice. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 662	6.2	8
13	Comparative Transcriptome Analyses Reveal Potential Mechanisms of Enhanced Drought Tolerance in Transgenic <i>Salvia Miltiorrhiza</i> Plants Expressing AtDREB1A from Arabidopsis. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	11



12	A large-scale whole-genome sequencing analysis reveals highly specific genome editing by both Cas9 and Cpf1 (Cas12a) nucleases in rice. <i>Genome Biology</i> , <b>2018</b> , 19, 84	18.3	155
11	CRISPRMatch: An Automatic Calculation and Visualization Tool for High-throughput CRISPR Genome-editing Data Analysis. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 858-862	11.2	28
10	ZFN, TALEN and CRISPR-Cas9 mediated homology directed gene insertion in Arabidopsis: A disconnect between somatic and germinal cells. <i>Journal of Genetics and Genomics</i> , <b>2018</b> , 45, 681-684	4	16
9	Arabidopsis DREB1B in transgenic <i>Salvia miltiorrhiza</i> increased tolerance to drought stress without stunting growth. <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 104, 17-28	5.4	29
8	Effective screen of CRISPR/Cas9-induced mutants in rice by single-strand conformation polymorphism. <i>Plant Cell Reports</i> , <b>2016</b> , 35, 1545-54	5.1	56
7	Antioxidant Components from Cape Gooseberry. <i>Journal of Food Processing and Preservation</i> , <b>2016</b> , 40, 893-898	2.1	6
6	A Single Transcript CRISPR-Cas9 System for Efficient Genome Editing in Plants. <i>Molecular Plant</i> , <b>2016</b> , 9, 1088-91	14.4	98
5	Ectopic Expression of DREB Transcription Factor, AtDREB1A, Confers Tolerance to Drought in Transgenic <i>Salvia miltiorrhiza</i> . <i>Plant and Cell Physiology</i> , <b>2016</b> , 57, 1593-609	4.9	55
4	Promoter analysis of the sweet potato ADP-glucose pyrophosphorylase gene IbAGP1 in <i>Nicotiana tabacum</i> . <i>Plant Cell Reports</i> , <b>2015</b> , 34, 1873-84	5.1	3
3	A CRISPR/Cas9 Toolbox for Multiplexed Plant Genome Editing and Transcriptional Regulation. <i>Plant Physiology</i> , <b>2015</b> , 169, 971-85	6.6	408
2	Identification of novel miRNAs and miRNA expression profiling in wheat hybrid necrosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117507	3.7	14
1	Comparative transcriptome analysis to reveal genes involved in wheat hybrid necrosis. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 23332-44	6.3	7