

Chunming Wang

List of Publications by Year in descending order

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222
papers

9,436
citations

36303

51
h-index

56724

83
g-index

231
all docs

231
docs citations

231
times ranked

14424
citing authors

#	ARTICLE	IF	CITATIONS
1	Destructing biofilms by cationic dextran through phase transition. Carbohydrate Polymers, 2022, 279, 118778.	10.2	6
2	Biomaterial-mediated presentation of wnt5a mimetic ligands enhances chondrogenesis and metabolism of stem cells by activating non-canonical Wnt signaling. Biomaterials, 2022, 281, 121316.	11.4	8
3	Reprogramming the spleen into a functioning "liver" in vivo. Gut, 2022, 71, 2325-2336.	12.1	9
4	Alternative splicing of <i>OsGS1;1</i> affects nitrogen use efficiency, grain development, and amylose content in rice. Plant Journal, 2022, 110, 1751-1762.	5.7	18
5	Air pollution particles hijack peroxidase to disrupt immunosurveillance and promote lung cancer. ELife, 2022, 11, .	6.0	8
6	Reprogramming the immune niche for skin tissue regeneration " From cellular mechanisms to biomaterials applications. Advanced Drug Delivery Reviews, 2022, 185, 114298.	13.7	19
7	Silk Derived Fe/N-Doping Porous Carbon Nanosheets for Chloramphenicol Electrochemical Detection. Current Analytical Chemistry, 2022, 18, 1017-1028.	1.2	1
8	A Toll-like Receptor-Activating, Self-Adjuvant Glycan Nanocarrier. Frontiers in Chemistry, 2022, 10, 864206.	3.6	3
9	<i>OsTUB1</i> confers salt insensitivity by interacting with <i>Kinesin13A</i> to stabilize microtubules and ion transporters in rice. New Phytologist, 2022, 235, 1836-1852.	7.3	5
10	Risk prediction of hypertension complications based on the intelligent algorithm optimized Bayesian network. Journal of Combinatorial Optimization, 2021, 42, 966-987.	1.3	2
11	Switching On and Off Macrophages by a "Bridge" Coating Improves Bone Implant Integration under Osteoporosis. Advanced Functional Materials, 2021, 31, 2007408.	14.9	15
12	OsRE1 interacts with OsRIP1 to regulate rice heading date by finely modulating <i>Ehd1</i> expression. Plant Biotechnology Journal, 2021, 19, 300-310.	8.3	25
13	Enhanced <i>OsNLP4</i> cascade confers nitrogen use efficiency by promoting tiller number in rice. Plant Biotechnology Journal, 2021, 19, 167-176.	8.3	67
14	Denatured corona proteins mediate the intracellular bioactivities of nanoparticles via the unfolded protein response. Biomaterials, 2021, 265, 120452.	11.4	12
15	<i>BRITTLE PLANT1</i> is required for normal cell wall composition and mechanical strength in rice. Journal of Integrative Plant Biology, 2021, 63, 865-877.	8.5	10
16	Trace Amounts of Co ₃ O ₄ Nano-Particles Modified TiO ₂ Nanorod Arrays for Boosted Photoelectrocatalytic Removal of Organic Pollutants in Water. Nanomaterials, 2021, 11, 214.	4.1	8
17	Modulating macrophage activities to promote endogenous bone regeneration: Biological mechanisms and engineering approaches. Bioactive Materials, 2021, 6, 244-261.	15.6	100
18	Biomaterial-based physical regulation of macrophage behaviour. Journal of Materials Chemistry B, 2021, 9, 3608-3621.	5.8	22

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19	Modulating, instead of suppressing, foreign body responses for biomaterials design. <i>Engineered Regeneration</i> , 2021, 2, 91-95.	6.0	3
20	Osseointegration: Switching On and Off Macrophages by a "Bridge-Burning" Coating Improves Bone Implant Integration under Osteoporosis (<i>Adv. Funct. Mater.</i> 7/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170043.	14.9	1
21	Smectite promotes probiotic biofilm formation in the gut for cancer immunotherapy. <i>Cell Reports</i> , 2021, 34, 108706.	6.4	29
22	Delivering Antisense Oligonucleotides across the Blood-Brain Barrier by Tumor Cell-Derived Small Apoptotic Bodies. <i>Advanced Science</i> , 2021, 8, 2004929.	11.2	45
23	A "Bridge-Building" Glycan Scaffold Mimicking Microbial Invasion for In Situ Endothelialization. <i>Advanced Materials</i> , 2021, 33, e2103490.	21.0	8
24	Enhanced Near-Infrared Emission from Carbon Dots by Surface Deprotonation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 604-611.	4.6	34
25	A phase-transfer catalyst-based nanoreactor for accelerated hydrogen sulfide bio-imaging. <i>Nanoscale</i> , 2021, 13, 19049-19055.	5.6	2
26	A "Bridge-Building" Glycan Scaffold Mimicking Microbial Invasion for In Situ Endothelialization (<i>Adv. Tj ETQq 0 0 0 rgBT /Overlock</i>)	21.0	8
27	Genome-wide association study identifies QTLs conferring salt tolerance in rice. <i>Plant Breeding</i> , 2020, 139, 73-82.	1.9	19
28	Engineering a microcarrier based on a polysaccharide-growth factor complex for enhancing the proliferation of mesenchymal stem cells. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 911-918.	7.5	5
29	Dedifferentiation: inspiration for devising engineering strategies for regenerative medicine. <i>Npj Regenerative Medicine</i> , 2020, 5, 14.	5.2	50
30	Heterosis-associated genes confer high yield in super hybrid rice. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3287-3297.	3.6	18
31	Transforming the spleen into a liver-like organ in vivo. <i>Science Advances</i> , 2020, 6, eaaz9974.	10.3	15
32	Stagewise keratinocyte differentiation from human embryonic stem cells by defined signal transduction modulators. <i>International Journal of Biological Sciences</i> , 2020, 16, 1450-1462.	6.4	13
33	A pocket-escaping design to prevent the common interference with near-infrared fluorescent probes in vivo. <i>Nature Communications</i> , 2020, 11, 1573.	12.8	35
34	A method to measure the denatured proteins in the corona of nanoparticles based on the specific adsorption of Hsp90ab1. <i>Nanoscale</i> , 2020, 12, 15857-15868.	5.6	4
35	High-salt diet inhibits tumour growth in mice via regulating myeloid-derived suppressor cell differentiation. <i>Nature Communications</i> , 2020, 11, 1732.	12.8	41
36	Organoids and Microphysiological Systems: New Tools for Ophthalmic Drug Discovery. <i>Frontiers in Pharmacology</i> , 2020, 11, 407.	3.5	29

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37	OsMFS1/OsHOP2 Complex Participates in Rice Male and Female Development. <i>Frontiers in Plant Science</i> , 2020, 11, 518.	3.6	10
38	An "all-in-one" scaffold targeting macrophages to direct endogenous bone repair in situ. <i>Acta Biomaterialia</i> , 2020, 111, 153-169.	8.3	11
39	Engineered delivery strategies for enhanced control of growth factor activities in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 190-208.	13.7	93
40	OsHAP5C/D interacts with OsHAP1, delays flowering time and enhances yield in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 531-539.	8.3	39
41	A GARP transcription factor anther dehiscence defected 1 (OsADD1) regulates rice anther dehiscence. <i>Plant Molecular Biology</i> , 2019, 101, 403-414.	3.9	11
42	OsVIN2 encodes a vacuolar acid invertase that affects grain size by altering sugar metabolism in rice. <i>Plant Cell Reports</i> , 2019, 38, 1273-1290.	5.6	24
43	Accelerated wound healing in diabetes by reprogramming the macrophages with particle-induced clustering of the mannose receptors. <i>Biomaterials</i> , 2019, 219, 119340.	11.4	103
44	OsPEX5 regulates rice spikelet development through modulating jasmonic acid biosynthesis. <i>New Phytologist</i> , 2019, 224, 712-724.	7.3	36
45	PCL/EUC scaffolds with tunable stiffness can regulate macrophage secretion behavior. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 148, 4-11.	2.9	21
46	A toll-like receptor agonist mimicking microbial signal to generate tumor-suppressive macrophages. <i>Nature Communications</i> , 2019, 10, 2272.	12.8	117
47	Genome-wide association study and linkage analysis on resistance to rice black-streaked dwarf virus disease. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	11
48	The nuclear-localized PPR protein OsNPPR1 is important for mitochondrial function and endosperm development in rice. <i>Journal of Experimental Botany</i> , 2019, 70, 4705-4720.	4.8	35
49	Electrochemical sensor for the discrimination of bilirubin in real human blood based on Au nanoparticles/ tetrathiafulvalene "carboxylate functionalized reduced graphene oxide OD-2D heterojunction. <i>Analytica Chimica Acta</i> , 2019, 1072, 46-53.	5.4	11
50	FLOURY ENDOSPERM16 encoding a NAD-dependent cytosolic malate dehydrogenase plays an important role in starch synthesis and seed development in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 1914-1927.	8.3	50
51	Islet Transplantation: Growing Trans-Species Islets in Tumor Extract-Remodeled Testicles (Adv. Sci.) <i>TJ ETQq1 1 0,784314</i> <i>rgBT /Over</i>	11.2	1
52	Genome-wide associated study identifies NAC42-activated nitrate transporter conferring high nitrogen use efficiency in rice. <i>Nature Communications</i> , 2019, 10, 5279.	12.8	153
53	QTL identification for seed weight and size based on a high-density SLAF-seq genetic map in peanut (<i>Arachis hypogaea</i> L.). <i>BMC Plant Biology</i> , 2019, 19, 537.	3.6	54
54	Growing Trans-Species Islets in Tumor Extract-Remodeled Testicles. <i>Advanced Science</i> , 2019, 6, 1801694.	11.2	1

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55	Î±-Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. <i>Aging</i> , 2019, 11, 11084-11110.	3.1	17
56	A Water-Soluble, Two-Photon Probe for Imaging Endogenous Hypochlorous Acid in Live Tissue. <i>Chemistry - A European Journal</i> , 2018, 24, 5748-5753.	3.3	12
57	Alleviating the hepatotoxicity of trazodone via supramolecular encapsulation. <i>Food and Chemical Toxicology</i> , 2018, 112, 421-426.	3.6	17
58	Supramolecular strategy for reducing the cardiotoxicity of bedaquiline without compromising its antimycobacterial efficacy. <i>Food and Chemical Toxicology</i> , 2018, 119, 425-429.	3.6	9
59	Engineering a Tumor Microenvironment-Mimetic Niche for Tissue Regeneration with Xenogeneic Cancer Cells. <i>Advanced Science</i> , 2018, 5, 1700666.	11.2	8
60	Translating Current Bioanalytical Techniques for Studying Corona Activity. <i>Trends in Biotechnology</i> , 2018, 36, 661-672.	9.3	10
61	FLOURY SHRUNKEN ENDOSPERM1 Connects Phospholipid Metabolism and Amyloplast Development in Rice. <i>Plant Physiology</i> , 2018, 177, 698-712.	4.8	35
62	Point-of-Care Determination of Acetaminophen Levels with Multi-Hydrogen Bond Manipulated Single-Molecule Recognition (eMuHSIR). <i>Analytical Chemistry</i> , 2018, 90, 4733-4740.	6.5	25
63	Preparation of carbon nanotube and graphene doped polyphenylene sulfide flexible film electrodes and the electrodeposition of Cu ₂ O nanocrystals for hydrogen-generation. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7356-7365.	7.1	8
64	Synthesis of yolk-shell spheres based on molybdenum diselenide-encapsulated molybdenum oxide for efficient electrocatalytic hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2018, 2, 444-454.	4.9	21
65	OPEN GLUME1: a key enzyme reducing the precursor of JA, participates in carbohydrate transport of lodicules during anthesis in rice. <i>Plant Cell Reports</i> , 2018, 37, 329-346.	5.6	23
66	MiR-34a regulates mitochondrial content and fat ectopic deposition induced by resistin through the AMPK/PPARÎ± pathway in HepG2 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 94, 133-145.	2.8	45
67	An ortho-aldehyde modified probe to image thiols in living cells with enhanced selectivity. <i>Talanta</i> , 2018, 179, 326-330.	5.5	10
68	FLOURY ENDOSPERM11 encoding a plastid heat shock protein 70 is essential for amyloplast development in rice. <i>Plant Science</i> , 2018, 277, 89-99.	3.6	21
69	Mapping of quantitative trait loci associated with rice black-streaked dwarf virus disease and its insect vector in rice (<i>Oryza sativa</i> L.). <i>Plant Breeding</i> , 2018, 137, 698-705.	1.9	11
70	Overexpression of a Transcription Factor Increases Lipid Content in a Woody Perennial <i>Jatropha curcas</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1479.	3.6	23
71	Fungal Component Coating Enhances Titanium Implant-Bone Integration. <i>Advanced Functional Materials</i> , 2018, 28, 1804483.	14.9	26
72	Characterization and immunoregulatory activity of two polysaccharides from the root of <i>Ilex asprella</i> . <i>Carbohydrate Polymers</i> , 2018, 197, 9-16.	10.2	44

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73	<i>OsPK1</i> encodes a plastidic pyruvate kinase that affects starch biosynthesis in the rice endosperm. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 1097-1118.	8.5	26
74	Simultaneous Quantification of Three Curcuminoids and Three Volatile Components of <i>Curcuma longa</i> Using Pressurized Liquid Extraction and High-Performance Liquid Chromatography. <i>Molecules</i> , 2018, 23, 1568.	3.8	43
75	Surface Modifier Effects on Gold Nanoprobe for the Assay of Matrix Metalloproteinases. <i>Advanced Biology</i> , 2018, 2, 1800115.	3.0	4
76	Water solubility is essential for fluorescent probes to image hypochlorous acid in live cells. <i>Chemical Communications</i> , 2018, 54, 9889-9892.	4.1	30
77	Bioactive polysaccharides from natural resources including Chinese medicinal herbs on tissue repair. <i>Chinese Medicine</i> , 2018, 13, 7.	4.0	80
78	Genome-Wide Association Studies for Five Forage Quality-Related Traits in Sorghum (<i>Sorghum bicolor</i>)	3.6	34
79	Producing anti-inflammatory macrophages by nanoparticle-triggered clustering of mannose receptors. <i>Biomaterials</i> , 2018, 178, 95-108.	11.4	80
80	Brassinosteroids mediate susceptibility to brown planthopper by integrating with the salicylic acid and jasmonic acid pathways in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 4433-4442.	4.8	54
81	Carrageenan activates monocytes via type-specific binding with interleukin-8: an implication for design of immuno-active biomaterials. <i>Biomaterials Science</i> , 2017, 5, 403-407.	5.4	9
82	Pt-Pd Bimetallic Nanoparticles Decorated Nanoporous Graphene as a Catalytic Amplification Platform for Electrochemical Detection of Xanthine. <i>Electroanalysis</i> , 2017, 29, 1258-1266.	2.9	23
83	Manipulation of Auxin Response Factor 19 affects seed size in the woody perennial <i>Jatropha curcas</i> . <i>Scientific Reports</i> , 2017, 7, 40844.	3.3	54
84	Specifically Formed Corona on Silica Nanoparticles Enhances Transforming Growth Factor β 1 Activity in Triggering Lung Fibrosis. <i>ACS Nano</i> , 2017, 11, 1659-1672.	14.6	76
85	<i>TSV</i> , a putative plastidic oxidoreductase, protects rice chloroplasts from cold stress during development by interacting with plastidic thioredoxin Z. <i>New Phytologist</i> , 2017, 215, 240-255.	7.3	58
86	Isolation and characterization of a spotted leaf 32 mutant with early leaf senescence and enhanced defense response in rice. <i>Scientific Reports</i> , 2017, 7, 41846.	3.3	37
87	Post-screening characterisation and in vivo evaluation of an anti-inflammatory polysaccharide fraction from <i>Eucommia ulmoides</i> . <i>Carbohydrate Polymers</i> , 2017, 169, 304-314.	10.2	49
88	Fluorescence enhancement and pKa shift of a rho kinase inhibitor by a synthetic receptor. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4336-4343.	2.8	14
89	A macrophage-activating, injectable hydrogel to sequester endogenous growth factors for in situ angiogenesis. <i>Biomaterials</i> , 2017, 134, 128-142.	11.4	72
90	Preparative separation of four sesquiterpenoids from <i>Curcuma longa</i> by high-speed counter-current chromatography. <i>Separation Science and Technology</i> , 2017, 52, 497-503.	2.5	6

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91	Isoacteoside, a dihydroxyphenylethyl glycoside, exhibits anti-inflammatory effects through blocking toll-like receptor 4 dimerization. <i>British Journal of Pharmacology</i> , 2017, 174, 2880-2896.	5.4	53
92	Chemistry, Bioactivity, and the Structure-Activity Relationship of Cephalotaxine-Type Alkaloids From <i>Cephalotaxus</i> sp.. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 339-373.	1.8	17
93	Modulating the phenotype of host macrophages to enhance osteogenesis in MSC-laden hydrogels: Design of a glucomannan coating material. <i>Biomaterials</i> , 2017, 139, 39-55.	11.4	68
94	MiR-21 is required for anti-tumor immune response in mice: an implication for its bi-directional roles. <i>Oncogene</i> , 2017, 36, 4212-4223.	5.9	29
95	In situ sequestration of endogenous PDGF-BB with an ECM-mimetic sponge for accelerated wound healing. <i>Biomaterials</i> , 2017, 148, 54-68.	11.4	74
96	A putative plastidial adenine nucleotide transporter, BRITTLE1-3, plays an essential role in regulating chloroplast development in rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Biology</i> , 2017, 60, 493-505.	2.1	2
97	OsPPR6, a pentatricopeptide repeat protein involved in editing and splicing chloroplast RNA, is required for chloroplast biogenesis in rice. <i>Plant Molecular Biology</i> , 2017, 95, 345-357.	3.9	60
98	An advanced flower-like Co-Ni/PI-CNT film electrocatalyst for oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2017, 729, 19-26.	5.5	5
99	Chameleonic Dye Adapts to Various Environments Shining on Macrocycles or Peptide and Polysaccharide Aggregates. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33220-33228.	8.0	15
100	A Jak2-selective inhibitor potently reverses the immune suppression by modulating the tumor microenvironment for cancer immunotherapy. <i>Biochemical Pharmacology</i> , 2017, 145, 132-146.	4.4	19
101	Modulation of macrophage behavior with glucomannan polymers for cancer immunotherapy and bone regeneration. <i>Journal of Controlled Release</i> , 2017, 259, e20-e21.	9.9	0
102	Sequestering of PDGF-BB and FGF-2 with an acidic polysaccharide for in situ vascularization. <i>Journal of Controlled Release</i> , 2017, 259, e114.	9.9	0
103	Supramolecular alleviation of cardiotoxicity of a small-molecule kinase inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8046-8053.	2.8	17
104	A tumour microenvironment-responsive polymeric complex for targeted depletion of tumour-associated macrophages (TAMs). <i>Journal of Materials Chemistry B</i> , 2017, 5, 7307-7318.	5.8	21
105	Total tanshinones exhibits anti-inflammatory effects through blocking TLR4 dimerization via the MyD88 pathway. <i>Cell Death and Disease</i> , 2017, 8, e3004-e3004.	6.3	59
106	Electroless deposition of Au nanoparticles on reduced graphene oxide/polyimide film for electrochemical detection of hydroquinone and catechol. <i>Frontiers of Materials Science</i> , 2017, 11, 262-270.	2.2	15
107	Hexagram-like CoS-MoS ₂ composites with enhanced activity for hydrogen evolution reaction. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 409-417.	2.5	16
108	Young Seedling Stripe1 encodes a chloroplast nucleoid-associated protein required for chloroplast development in rice seedlings. <i>Planta</i> , 2017, 245, 45-60.	3.2	22

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109	ALR encoding dCMP deaminase is critical for DNA damage repair, cell cycle progression and plant development in rice. <i>Journal of Experimental Botany</i> , 2017, 68, 5773-5786.	4.8	37
110	Furanodiene Induces Extrinsic and Intrinsic Apoptosis in Doxorubicin-Resistant MCF-7 Breast Cancer Cells via NF- κ B-Independent Mechanism. <i>Frontiers in Pharmacology</i> , 2017, 8, 648.	3.5	20
111	Ten years of exploration, a new journey to start: advancing Chinese Medicine to the next level. <i>Chinese Medicine</i> , 2017, 12, 28.	4.0	3
112	Simultaneous Determination of Six Saponins in <i>Panax japonici</i> Rhizoma Using Quantitative Analysis of Multi-Components with Single-Marker Method. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 289-295.	0.6	7
113	Chinese Herbs Interfering with Cancer Reprogramming Metabolism. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	1.2	12
114	Re-polarizing Myeloid-derived Suppressor Cells (MDSCs) with Cationic Polymers for Cancer Immunotherapy. <i>Scientific Reports</i> , 2016, 6, 24506.	3.3	54
115	Preparation and characterization of a highly stable phenoxazinone synthase nanogel. <i>Chemistry Central Journal</i> , 2016, 10, 34.	2.6	5
116	Association mapping and genetic dissection of nitrogen use efficiency-related traits in rice (<i>Oryza</i>). <i>PLoS ONE</i> , 2016, 11, e0161010.	3.5	41
117	Identification of an Iridium(III)-Based Inhibitor of Tumor Necrosis Factor- α . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4026-4031.	6.4	56
118	Enhanced electrocatalytic oxygen evolution of Ni-Co(OH)_2 nanosheets on carbon nanotube/polyimide films. <i>Nanoscale</i> , 2016, 8, 9667-9675.	5.6	133
119	A Naturally Derived, Growth Factor-Binding Polysaccharide for Therapeutic Angiogenesis. <i>ACS Macro Letters</i> , 2016, 5, 617-621.	4.8	32
120	Encapsulation of AGE-Breaker Alagebrium by Cucurbit[7]uril Improved the Stability of Both Its Carbonyl and Hydrogen and Thiazolium Cations. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3126-3133.	3.3	20
121	Doxorubicin-Induced Systemic Inflammation Is Driven by Upregulation of Toll-Like Receptor TLR4 and Endotoxin Leakage. <i>Cancer Research</i> , 2016, 76, 6631-6642.	0.9	123
122	Construction of chromosomal segment substitution lines and genetic dissection of introgressed segments associated with yield determination in the parents of a super-hybrid rice. <i>Plant Breeding</i> , 2016, 135, 63-72.	1.9	7
123	WSL3, a component of the plastid-encoded plastid RNA polymerase, is essential for early chloroplast development in rice. <i>Plant Molecular Biology</i> , 2016, 92, 581-595.	3.9	30
124	Overexpression of OsMYB1R1-VP64 fusion protein increases grain yield in rice by delaying flowering time. <i>FEBS Letters</i> , 2016, 590, 3385-3396.	2.8	16
125	The catalytic subunit of magnesium-protoporphyrin IX monomethyl ester cyclase forms a chloroplast complex to regulate chlorophyll biosynthesis in rice. <i>Plant Molecular Biology</i> , 2016, 92, 177-191.	3.9	47
126	Extracellular control of intracellular drug release for enhanced safety of anti-cancer chemotherapy. <i>Scientific Reports</i> , 2016, 6, 28596.	3.3	9

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127	Inhibition of C(2)-H Activity on Alkylated Imidazolium Monocations and Dications upon Inclusion by Cucurbit[7]uril. <i>Journal of Organic Chemistry</i> , 2016, 81, 9494-9498.	3.2	24
128	Enhanced biogas production from wheat straw with the application of synergistic microbial consortium pretreatment. <i>RSC Advances</i> , 2016, 6, 60187-60195.	3.6	34
129	A Redox-Sensitive and RAGE-Targeting Nanocarrier for Hepatocellular Carcinoma Therapy. <i>Molecular Pharmaceutics</i> , 2016, 13, 3613-3625.	4.6	6
130	GOLGI TRANSPORT 1B Regulates Protein Export from the Endoplasmic Reticulum in Rice Endosperm Cells. <i>Plant Cell</i> , 2016, 28, 2850-2865.	6.6	79
131	Hybrid Sterility in Rice (<i>Oryza sativa</i> L.) Involves the Tetratricopeptide Repeat Domain Containing Protein. <i>Genetics</i> , 2016, 203, 1439-1451.	2.9	52
132	An Ir(III) complex chemosensor for the detection of thiols. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 109-114.	6.1	24
133	The <i>RICE MINUTE-LIKE1</i> (<i>RML1</i>) gene, encoding a ribosomal large subunit protein L3B, regulates leaf morphology and plant architecture in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 3457-3469.	4.8	32
134	<i>SLG</i> controls grain size and leaf angle by modulating brassinosteroid homeostasis in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 4241-4253.	4.8	103
135	SNP-based analysis of genetic diversity reveals important alleles associated with seed size in rice. <i>BMC Plant Biology</i> , 2016, 16, 93.	3.6	42
136	Furanodiene alters mitochondrial function in doxorubicin-resistant MCF-7 human breast cancer cells in an AMPK-dependent manner. <i>Molecular BioSystems</i> , 2016, 12, 1626-1637.	2.9	27
137	Targeted delivery of let-7b to reprogramme tumor-associated macrophages and tumor infiltrating dendritic cells for tumor rejection. <i>Biomaterials</i> , 2016, 90, 72-84.	11.4	76
138	WHITE PANICLE1, a Val-tRNA Synthetase Regulating Chloroplast Ribosome Biogenesis in Rice, Is Essential for Early Chloroplast Development. <i>Plant Physiology</i> , 2016, 170, 2110-2123.	4.8	74
139	<i>OsCOL10</i> , a <i>CONSTANS-Like</i> Gene, Functions as a Flowering Time Repressor Downstream of <i>Ghd7</i> in Rice. <i>Plant and Cell Physiology</i> , 2016, 57, 798-812.	3.1	69
140	Furanodiene enhances the anti-cancer effects of doxorubicin on ER α -negative breast cancer cells in vitro. <i>European Journal of Pharmacology</i> , 2016, 774, 10-19.	3.5	19
141	Application of tetra-n-methylammonium hydroxide on cellulose dissolution and isolation from sugarcane bagasse. <i>Carbohydrate Polymers</i> , 2016, 136, 979-987.	10.2	22
142	Ni(OH) ₂ /MoS _x nanocomposite electrodeposited on a flexible CNT/PI membrane as an electrochemical glucose sensor: the synergistic effect of Ni(OH) ₂ and MoS _x . <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 133-142.	2.5	23
143	Operando Synthesis of a Dendritic and Well- ϵ -Crystallized Molybdenum Oxide/Silver Catalyst for Enhanced Activity in the Hydrogen Evolution Reaction. <i>ChemCatChem</i> , 2015, 7, 2517-2525.	3.7	5
144	Two natural glucomannan polymers, from Konjac and Bletilla, as bioactive materials for pharmaceutical applications. <i>Biotechnology Letters</i> , 2015, 37, 1-8.	2.2	95

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145	<i>Pi64</i> , Encoding a Novel CC-NBS-LRR Protein, Confers Resistance to Leaf and Neck Blast in Rice. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 558-568.	2.6	128
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