

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	Green and facile synthesis of highly biocompatible graphene nanosheets and its application for cellular imaging and drug delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 12034.	6.7	389
2	A Chlorophyll-Deficient Rice Mutant with Impaired Chlorophyllide Esterification in Chlorophyll Biosynthesis. <i>Plant Physiology</i> , 2007, 145, 29-40.	4.8	360
3	Recent advances in the use of gelatin in biomedical research. <i>Biotechnology Letters</i> , 2015, 37, 2139-2145.	2.2	315
4	Review for carrageenan-based pharmaceutical biomaterials: Favourable physical features versus adverse biological effects. <i>Carbohydrate Polymers</i> , 2015, 121, 27-36.	10.2	232
5	Growth of MoSe ₂ (100) Se ₂ (100) ($\theta = 0.41 \pm 1.00$) Monolayer Alloys with Controlled Morphology by Physical Vapor Deposition. <i>ACS Nano</i> , 2015, 9, 7450-7455.	14.6	217
6	Therapeutic cell delivery and fate control in hydrogels and hydrogel hybrids. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 699-710.	13.7	182
7	A Novel MoSe ₂ "Reduced Graphene Oxide/Polyimide Composite Film for Applications in Electrocatalysis and Photoelectrocatalysis Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2015, 25, 1814-1820.	14.9	165
8	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
9	An improved injectable polysaccharide hydrogel: modified gellan gum for long-term cartilage regeneration in vitro. <i>Journal of Materials Chemistry</i> , 2009, 19, 1968.	6.7	144
10	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
11	Targeted depletion of tumour-associated macrophages by an alendronate-glucomannan conjugate for cancer immunotherapy. <i>Biomaterials</i> , 2014, 35, 10046-10057.	11.4	130
12	<i>OsSPL64</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
13	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
14	A toll-like receptor agonist mimicking microbial signal to generate tumor-suppressive macrophages. <i>Nature Communications</i> , 2019, 10, 2272.	12.8	117
15	Mapping of a Major Resistance Gene to the Brown Planthopper in the Rice Cultivar Rathu Heenati. <i>Breeding Science</i> , 2005, 55, 391-396.	1.9	115
16	Reduced Graphene Oxide-Modified Carbon Nanotube/Polyimide Film Supported MoS ₂ Nanoparticles for Electrocatalytic Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2015, 25, 2693-2700.	14.9	113
17	Corona-Directed Nucleic Acid Delivery into Hepatic Stellate Cells for Liver Fibrosis Therapy. <i>ACS Nano</i> , 2015, 9, 2405-2419.	14.6	110
18	A novel gellan gel-based microcarrier for anchorage-dependent cell delivery. <i>Acta Biomaterialia</i> , 2008, 4, 1226-1234.	8.3	105

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19	Mapping segregation distortion loci and quantitative trait loci for spikelet sterility in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 104	0.9	104
20	Cytocompatibility study of a natural biomaterial crosslinker "Genipin with therapeutic model cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2011, 97B, 58-65.	3.4	104
21	SLG controls grain size and leaf angle by modulating brassinosteroid homeostasis in rice. Journal of Experimental Botany, 2016, 67, 4241-4253.	4.8	103
22	Accelerated wound healing in diabetes by reprogramming the macrophages with particle-induced clustering of the mannose receptors. Biomaterials, 2019, 219, 119340.	11.4	103
23	Modulating macrophage activities to promote endogenous bone regeneration: Biological mechanisms and engineering approaches. Bioactive Materials, 2021, 6, 244-261.	15.6	100
24	A Polysaccharide Isolated from the Medicinal Herb <i>Bletilla striata</i> Induces Endothelial Cells Proliferation and Vascular Endothelial Growth Factor Expression in vitro. Biotechnology Letters, 2006, 28, 539-543.	2.2	98
25	Two natural glucomannan polymers, from Konjac and <i>Bletilla</i> , as bioactive materials for pharmaceutical applications. Biotechnology Letters, 2015, 37, 1-8.	2.2	95
26	Fluoride-assisted galvanic replacement synthesis of Ag and Au dendrites on aluminum foil with enhanced SERS and catalytic activities. Journal of Materials Chemistry, 2012, 22, 18327.	6.7	94
27	Engineered delivery strategies for enhanced control of growth factor activities in wound healing. Advanced Drug Delivery Reviews, 2019, 146, 190-208.	13.7	93
28	Saponins of <i>Panax notoginseng</i> : chemistry, cellular targets and therapeutic opportunities in cardiovascular diseases. Expert Opinion on Investigational Drugs, 2014, 23, 523-539.	4.1	86
29	The control of anchorage-dependent cell behavior within a hydrogel/microcarrier system in an osteogenic model. Biomaterials, 2009, 30, 2259-2269.	11.4	82
30	Enhancing the Antitumor Activity of Berberine Hydrochloride by Solid Lipid Nanoparticle Encapsulation. AAPS PharmSciTech, 2014, 15, 834-844.	3.3	81
31	Improvement of sensitive Ni(OH) ₂ nonenzymatic glucose sensor based on carbon nanotube/polyimide membrane. Carbon, 2013, 63, 367-375.	10.3	80
32	Bioactive polysaccharides from natural resources including Chinese medicinal herbs on tissue repair. Chinese Medicine, 2018, 13, 7.	4.0	80
33	Producing anti-inflammatory macrophages by nanoparticle-triggered clustering of mannose receptors. Biomaterials, 2018, 178, 95-108.	11.4	80
34	GOLGI TRANSPORT 1B Regulates Protein Export from the Endoplasmic Reticulum in Rice Endosperm Cells. Plant Cell, 2016, 28, 2850-2865.	6.6	79
35	<i>Bletilla striata</i> Polysaccharide Stimulates Inducible Nitric Oxide Synthase and Proinflammatory Cytokine Expression in Macrophages. Journal of Bioscience and Bioengineering, 2008, 105, 85-89.	2.2	78
36	Targeted delivery of let-7b to reprogramme tumor-associated macrophages and tumor infiltrating dendritic cells for tumor rejection. Biomaterials, 2016, 90, 72-84.	11.4	76

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37	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
38	An orally administrated nucleotide-delivery vehicle targeting colonic macrophages for the treatment of inflammatory bowel disease. <i>Biomaterials</i> , 2015, 48, 26-36.	11.4	74
39	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
40	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
41	A macrophage-activating, injectable hydrogel to sequester endogenous growth factors for in situ angiogenesis. <i>Biomaterials</i> , 2017, 134, 128-142.	11.4	72
42	<i>OsCOL10</i> , a <i>CONSTANS</i> -Like 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
43	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
44	Enhanced <i>OsNLP4</i> \rightarrow <i>OsNiR</i> cascade confers nitrogen use efficiency by promoting tiller number in rice. <i>Plant Biotechnology Journal</i> , 2021, 19, 167-176.	8.3	67
45	<i>OsPPR6</i> , 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
46	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
47	<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
48	<i>DEFORMED FLORAL ORGAN1</i> (<i>DFO1</i>) regulates floral organ identity by epigenetically repressing the expression of <i>OsMADS58</i> in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2015, 206, 1476-1490.	7.3	56
49	Identification of an Iridium(III)-Based Inhibitor of Tumor Necrosis Factor- β . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4026-4031.	6.4	56
50	Engineering a vascular endothelial growth factor 165-binding heparan sulfate for vascular therapy. <i>Biomaterials</i> , 2014, 35, 6776-6786.	11.4	54
51	Re-polarizing Myeloid-derived Suppressor Cells (MDSCs) with Cationic Polymers for Cancer Immunotherapy. <i>Scientific Reports</i> , 2016, 6, 24506.	3.3	54
52	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
53	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
54	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

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55	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
56	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
57	Fine mapping of brown planthopper (<i>Nilaparvata lugens</i> Stål) resistance gene Bph28(t) in rice (<i>Oryza</i>) Tj ETQq1 1,0784314 rgBT / O	2.1	51
58	Sensitive detection of luteolin based on poly(diallyldimethylammonium chloride)-functionalized graphene-carbon nanotubes hybrid/β ² -cyclodextrin composite film. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 269-278.	2.5	50
59	<i>FLOURY ENDOSPERM16</i> 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
60	Dedifferentiation: inspiration for devising engineering strategies for regenerative medicine. <i>Npj Regenerative Medicine</i> , 2020, 5, 14.	5.2	50
61	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
62	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
63	Sensitive determination of thymol based on CeO ₂ nanoparticle-decorated graphene hybrid film. <i>New Journal of Chemistry</i> , 2013, 37, 4045.	2.8	46
64	MIR-34a regulates mitochondrial content and fat ectopic deposition induced by resistin through the AMPK/PPAR α pathway in HepG2 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 94, 133-145.	2.8	45
65	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
66	Porous poly (lactic-co-glycolide) microsphere sintered scaffolds for tissue repair applications. <i>Materials Science and Engineering C</i> , 2009, 29, 2502-2507.	7.3	44
67	Cell delivery with genipin crosslinked gelatin microspheres in hydrogel/microcarrier composite. <i>Composites Science and Technology</i> , 2010, 70, 1909-1914.	7.8	44
68	Mimicking normal tissue architecture and perturbation in cancer with engineered micro-epidermis. <i>Biomaterials</i> , 2012, 33, 5221-5229.	11.4	44
69	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
70	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
71	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
72	Association mapping and genetic dissection of nitrogen use efficiency-related traits in rice (<i>Oryza</i>) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50	3.5	41

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73	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
74	Validating Antimetastatic Effects of Natural Products in an Engineered Microfluidic Platform Mimicking Tumor Microenvironment. <i>Molecular Pharmaceutics</i> , 2014, 11, 2022-2029.	4.6	40
75	Selective hydrolysis of hemicellulose from wheat straw by a nanoscale solid acid catalyst. <i>Carbohydrate Polymers</i> , 2015, 131, 384-391.	10.2	40
76	Electrodeposition of Pt nanoparticles on carbon nanotubes-modified polyimide materials for electrocatalytic applications. <i>Catalysis Communications</i> , 2009, 10, 610-613.	3.3	39
77	<sc>DELAYED HEADING DATE</sc>1 interacts with Os<sc>HAP</sc>5C/D, delays flowering time and enhances yield in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 531-539.	8.3	39
78	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
79	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
80	In vitro performance of an injectable hydrogel/microsphere based immunocyte delivery system for localised anti-tumour activity. <i>Biomaterials</i> , 2009, 30, 6986-6995.	11.4	36
81	Os<sc>PEX</sc>5 regulates rice spikelet development through modulating jasmonic acid biosynthesis. <i>New Phytologist</i> , 2019, 224, 712-724.	7.3	36
82	FLOURY SHRUNKEN ENDOSPERM1 Connects Phospholipid Metabolism and Amyloplast Development in Rice. <i>Plant Physiology</i> , 2018, 177, 698-712.	4.8	35
83	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
84	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
85	RNA extraction from polysaccharide-based cell-laden hydrogel scaffolds. <i>Analytical Biochemistry</i> , 2008, 380, 333-334.	2.4	34
86	Antisense Makes Sense in Engineered Regenerative Medicine. <i>Pharmaceutical Research</i> , 2009, 26, 263-275.	3.5	34
87	A Tumor Environment Responsive Doxorubicin-Loaded Nanoparticle for Targeted Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2014, 11, 3269-3278.	4.6	34
88	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
89	Genome-Wide Association Studies for Five Forage Quality-Related Traits in Sorghum (<i>Sorghum bicolor</i>) Tj ETQq1 1 0,784314 rgBT /Over	3.6	34
90	Enhanced Near-Infrared Emission from Carbon Dots by Surface Deprotonation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 604-611.	4.6	34

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91	Antisense oligonucleotide targeting TNF α can suppress co α particle-induced osteolysis. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1114-1120.	2.3	33
92	Harnessing the power of macrophages/monocytes for enhanced bone tissue engineering. <i>Trends in Biotechnology</i> , 2013, 31, 342-346.	9.3	32
93	A Naturally Derived, Growth Factor-Binding Polysaccharide for Therapeutic Angiogenesis. <i>ACS Macro Letters</i> , 2016, 5, 617-621.	4.8	32
94	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
95	Adsorption of Plasmid DNA onto N,N'- (Dimethylamino)ethyl-methacrylate Graft-Polymerized Poly-L-lactic Acid Film Surface for Promotion of in-Situ Gene Delivery. <i>Biomacromolecules</i> , 2007, 8, 1951-1957.	5.4	31
96	Oxidized Multiwalled Carbon Nanotubes as an SPME Fiber Coating for Rapid LC-UV Analysis of Benzimidazole Fungicides in Water. <i>Chromatographia</i> , 2009, 70, 753-759.	1.3	31
97	Identification of candidate genes JcARF19 and JcIAA9 associated with seed size traits in <i>Jatropha</i> . <i>Functional and Integrative Genomics</i> , 2014, 14, 757-766.	3.5	31
98	Enhanced photoelectric performance of Cu $_{2-x}$ Se nanostructure by doping with In $^{3+}$. <i>Journal of Materials Chemistry</i> , 2012, 22, 1950-1956.	6.7	30
99	Synthesis of Platinum Nanoparticles by using Molybdenum Disulfide as a Template and its Application to Enzyme-like Catalysis. <i>ChemCatChem</i> , 2014, 6, 1873-1876.	3.7	30
100	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
101	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
102	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
103	Organoids and Microphysiological Systems: New Tools for Ophthalmic Drug Discovery. <i>Frontiers in Pharmacology</i> , 2020, 11, 407.	3.5	29
104	Smectite promotes probiotic biofilm formation in the gut for cancer immunotherapy. <i>Cell Reports</i> , 2021, 34, 108706.	6.4	29
105	3,3'-diindolylmethane ameliorates experimental hepatic fibrosis via inhibiting miR-21 expression. <i>British Journal of Pharmacology</i> , 2013, 170, 649-660.	5.4	28
106	Exploring new bioactivities of polymers at the nano-bio interface. <i>Trends in Biotechnology</i> , 2015, 33, 10-14.	9.3	28
107	Loop Nucleotide Polymorphism in a Putative miRNA Precursor Associated with Seed Length in Rice (<i>Oryza sativa</i> L.). <i>International Journal of Biological Sciences</i> , 2013, 9, 578-586.	6.4	27
108	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

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109	Fungal Component Coating Enhances Titanium Implantâ€Bone Integration. <i>Advanced Functional Materials</i> , 2018, 28, 1804483.	14.9	26
110	<i>OsPKp1</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
111	The Origin of Weedy Rice Ludao in China Deduced by Genome Wide Analysis of Its Hybrid Sterility Genes. <i>Breeding Science</i> , 2005, 55, 409-414.	1.9	25
112	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
113	OsRE1 interacts with OsRIP1 to regulate rice heading date by finely modulating <i>Ehd1</i> expression. <i>Plant Biotechnology Journal</i> , 2021, 19, 300-310.	8.3	25
114	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
115	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
116	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
117	Inheritance and QTL Mapping of Antibiosis to Green Leafhopper in Rice. <i>Crop Science</i> , 2004, 44, 389-393.	1.8	23
118	Identification of a new hybrid sterility gene in rice (<i>Oryza sativa</i> L.). <i>Euphytica</i> , 2006, 151, 331-337.	1.2	23
119	Fabrication of a CuS/graphene nanocomposite modified electrode and its application for electrochemical determination of esculetin. <i>Analytical Methods</i> , 2013, 5, 3992.	2.7	23
120	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
121	Ptâ€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
122	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
123	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
124	Meta-Analysis of Low Density Lipoprotein Receptor (<i>LDLR</i>) rs2228671 Polymorphism and Coronary Heart Disease. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	22
125	An electrochemical sensor for honokiol based on a glassy carbon electrode modified with MoS ₂ /graphene nanohybrid film. <i>Analytical Methods</i> , 2014, 6, 9375-9382.	2.7	22
126	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

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127	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
128	Biomaterial-based physical regulation of macrophage behaviour. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3608-3621.	5.8	22
129	Genipinâ€crosslinked microcarriers mediating hepatocellular aggregates formation and functionalities. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 204-211.	4.0	21
130	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
131	Synthesis of yolkâ€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
132	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
133	PCL/EUG scaffolds with tunable stiffness can regulate macrophage secretion behavior. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 148, 4-11.	2.9	21
134	Identification of Quantitative Trait Loci Associated with Aluminum Tolerance in Rice (<i>Oryza Sativa</i> L.). <i>Euphytica</i> , 2006, 150, 37-45.	1.2	20
135	An In-ZnO nanosheetâ€modified carbon nanotubeâ€polyimide film sensor for catechol detection. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6656.	10.3	20
136	Encapsulation of AGEâ€Breaker Alagebrium by Cucurbit[7]uril Improved the Stability of Both Its Carbonyl Î±â€Hydrogen and Thiazolium C2â€Hydrogen. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3126-3133.	3.3	20
137	Furanodiene Induces Extrinsic and Intrinsic Apoptosis in Doxorubicin-Resistant MCF-7 Breast Cancer Cells via NF-Î²B-Independent Mechanism. <i>Frontiers in Pharmacology</i> , 2017, 8, 648.	3.5	20
138	Furanodiene enhances the anti-cancer effects of doxorubicin on ERÎ±-negative breast cancer cells in vitro. <i>European Journal of Pharmacology</i> , 2016, 774, 10-19.	3.5	19
139	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
140	Genomeâ€wide association study identifies QTLs conferring salt tolerance in rice. <i>Plant Breeding</i> , 2020, 139, 73-82.	1.9	19
141	Reprogramming the immune niche for skin tissue regeneration â€ From cellular mechanisms to biomaterials applications. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114298.	13.7	19
142	Heterosis-associated genes confer high yield in super hybrid rice. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3287-3297.	3.6	18
143	Alternative splicing of <i>OsGS1;1</i> affects nitrogenâ€use efficiency, grain development, and amylose content in rice. <i>Plant Journal</i> , 2022, 110, 1751-1762.	5.7	18
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