

# Qing Zhang

## List of Publications by Year in descending order

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389  
papers

24,677  
citations

7568

77  
h-index

11052

137  
g-index

397  
all docs

397  
docs citations

397  
times ranked

30728  
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-Temperature Near-Infrared High-Q Perovskite Whispering-Gallery Planar Nanolasers. Nano Letters, 2014, 14, 5995-6001.	9.1	702
2	XBP1 promotes triple-negative breast cancer by controlling the HIF1 $\alpha$ pathway. Nature, 2014, 508, 103-107.	27.8	663
3	An Overview of Plant Phenolic Compounds and Their Importance in Human Nutrition and Management of Type 2 Diabetes. Molecules, 2016, 21, 1374.	3.8	629
4	Millet Grains: Nutritional Quality, Processing, and Potential Health Benefits. Comprehensive Reviews in Food Science and Food Safety, 2013, 12, 281-295.	11.7	583
5	High-Quality Whispering-Gallery-Mode Lasing from Cesium Lead Halide Perovskite Nanoplatelets. Advanced Functional Materials, 2016, 26, 6238-6245.	14.9	529
6	Graphitic Carbon Nanocage as a Stable and High Power Anode for Potassium-Ion Batteries. Advanced Energy Materials, 2018, 8, 1801149.	19.5	442
7	Vapor Phase Synthesis of Organometal Halide Perovskite Nanowires for Tunable Room-Temperature Nanolasers. Nano Letters, 2015, 15, 4571-4577.	9.1	405
8	CoS Quantum Dot Nanoclusters for High-Energy Potassium-Ion Batteries. Advanced Functional Materials, 2017, 27, 1702634.	14.9	391
9	Boosting the Potassium Storage Performance of Alloy-Based Anode Materials via Electrolyte Salt Chemistry. Advanced Energy Materials, 2018, 8, 1703288.	19.5	382
10	Synthesis of Organic-Inorganic Lead Halide Perovskite Nanoplatelets: Towards High-Performance Perovskite Solar Cells and Optoelectronic Devices. Advanced Optical Materials, 2014, 2, 838-844.	7.3	363
11	High-Efficiency Light-Emitting Diodes of Organometal Halide Perovskite Amorphous Nanoparticles. ACS Nano, 2016, 10, 6623-6630.	14.6	347
12	Batch production of 6-inch uniform monolayer molybdenum disulfide catalyzed by sodium in glass. Nature Communications, 2018, 9, 979.	12.8	338
13	Chemical Reduction of Intrinsic Defects in Thicker Heterojunction Planar Perovskite Solar Cells. Advanced Materials, 2017, 29, 1606774.	21.0	318
14	Raman spectroscopy of atomically thin two-dimensional magnetic iron phosphorus trisulfide (FePS <sub>3</sub> ). Nature Communications, 2017, 8, 299.	4.4	299
15	A room temperature low-threshold ultraviolet plasmonic nanolaser. Nature Communications, 2014, 5, 4953.	12.8	278
16	Advances in Small Perovskite-Based Lasers. Small Methods, 2017, 1, 1700163.	8.6	268
17	Chemical alterations taken place during deep-fat frying based on certain reaction products: A review. Chemistry and Physics of Lipids, 2012, 165, 662-681.	3.2	267
18	Activated carbon from the graphite with increased rate capability for the potassium ion battery. Carbon, 2017, 123, 54-61.	10.3	257

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19	Metal halide perovskite nanomaterials: synthesis and applications. <i>Chemical Science</i> , 2017, 8, 2522-2536.	7.4	233
20	Halide Perovskite Semiconductor Lasers: Materials, Cavity Design, and Low Threshold. <i>Nano Letters</i> , 2021, 21, 1903-1914.	9.1	220
21	Vertically Aligned Gold Nanorod Monolayer on Arbitrary Substrates: Self-Assembly and Femtomolar Detection of Food Contaminants. <i>ACS Nano</i> , 2013, 7, 5993-6000.	14.6	218
22	VHL loss actuates a HIF-independent senescence programme mediated by Rb and p400. <i>Nature Cell Biology</i> , 2008, 10, 361-369.	10.3	216
23	Flexible Visible-Infrared Metamaterials and Their Applications in Highly Sensitive Chemical and Biological Sensing. <i>Nano Letters</i> , 2011, 11, 3232-3238.	9.1	215
24	Platelets are versatile cells: New discoveries in hemostasis, thrombosis, immune responses, tumor metastasis and beyond. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 409-430.	6.1	211
25	An Intrinsically Non-flammable Electrolyte for High-Performance Potassium Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3638-3644.	13.8	211
26	Dendritic cell biology and its role in tumor immunotherapy. <i>Journal of Hematology and Oncology</i> , 2020, 13, 107.	17.0	207
27	Boosting potassium-ion batteries by few-layered composite anodes prepared via solution-triggered one-step shear exfoliation. <i>Nature Communications</i> , 2018, 9, 3645.	12.8	204
28	Cathode Materials for Potassium-Ion Batteries: Current Status and Perspective. <i>Electrochemical Energy Reviews</i> , 2018, 1, 625-658.	25.5	201
29	3R MoS <sub>2</sub> with Broken Inversion Symmetry: A Promising Ultrathin Nonlinear Optical Device. <i>Advanced Materials</i> , 2017, 29, 1701486.	21.0	197
30	Two-dimensional metallic tantalum disulfide as a hydrogen evolution catalyst. <i>Nature Communications</i> , 2017, 8, 958.	12.8	191
31	Effects of extraction methods on the physicochemical characteristics and biological activities of polysaccharides from okra ( <i>Abelmoschus esculentus</i> ). <i>International Journal of Biological Macromolecules</i> , 2019, 127, 178-186.	7.5	191
32	Paracrine Induction of HIF by Glutamate in Breast Cancer: EglN1 Senses Cysteine. <i>Cell</i> , 2016, 166, 126-139.	28.9	187
33	Phosphorylation by Casein Kinase I Promotes the Turnover of the Mdm2 Oncoprotein via the SCF <sup>β2</sup> -TRCP Ubiquitin Ligase. <i>Cancer Cell</i> , 2010, 18, 147-159.	16.8	182
34	A new energy storage system: Rechargeable potassium-selenium battery. <i>Nano Energy</i> , 2017, 35, 36-43.	16.0	168
35	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , 2016, 353, 929-932.	12.6	165
36	Solution-processed highly bright and durable cesium lead halide perovskite light-emitting diodes. <i>Nanoscale</i> , 2016, 8, 18021-18026.	5.6	160

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37	Src Kinases Mediate STAT Growth Pathways in Squamous Cell Carcinoma of the Head and Neck. <i>Journal of Biological Chemistry</i> , 2003, 278, 31574-31583.	3.4	158
38	Src Family Kinases Mediate Epidermal Growth Factor Receptor Ligand Cleavage, Proliferation, and Invasion of Head and Neck Cancer Cells. <i>Cancer Research</i> , 2004, 64, 6166-6173.	0.9	149
39	Unveiling Structurally Engineered Carrier Dynamics in Hybrid Quasi-Two-Dimensional Perovskite Thin Films toward Controllable Emission. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4431-4438.	4.6	147
40	Wavelength Tunable Single Nanowire Lasers Based on Surface Plasmon Polariton Enhanced Bursteinâ€“Moss Effect. <i>Nano Letters</i> , 2013, 13, 5336-5343.	9.1	145
41	Strong Excitonâ€“Photon Coupling and Lasing Behavior in All-Inorganic CsPbBr <sub>3</sub> Micro/Nanowire Fabry-Pérot Cavity. <i>ACS Photonics</i> , 2018, 5, 2051-2059.	6.6	145
42	Recent developments and future directions in the growth of nanostructures by van der Waals epitaxy. <i>Nanoscale</i> , 2013, 5, 3570.	5.6	144
43	Loss of the retinoblastoma binding protein 2 (RBP2) histone demethylase suppresses tumorigenesis in mice lacking <i>Rb1</i> or <i>Men1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13379-13386.	7.1	143
44	Effect of High Hydrostatic Pressure on Physicochemical and Structural Properties of Rice Starch. <i>Food and Bioprocess Technology</i> , 2012, 5, 2233-2241.	4.7	141
45	Ultrathin CsPbX <sub>3</sub> Nanowire Arrays with Strong Emission Anisotropy. <i>Advanced Materials</i> , 2018, 30, e1801805.	21.0	135
46	VHL substrate transcription factor ZHX2 as an oncogenic driver in clear cell renal cell carcinoma. <i>Science</i> , 2018, 361, 290-295.	12.6	134
47	Tailoring the Lasing Modes in Semiconductor Nanowire Cavities Using Intrinsic Self-Absorption. <i>Nano Letters</i> , 2013, 13, 1080-1085.	9.1	133
48	Surface Plasmon Enhanced Strong Excitonâ€“Photon Coupling in Hybrid Inorganicâ€“Organic Perovskite Nanowires. <i>Nano Letters</i> , 2018, 18, 3335-3343.	9.1	133
49	Authentication of edible vegetable oils adulterated with used frying oil by Fourier Transform Infrared Spectroscopy. <i>Food Chemistry</i> , 2012, 132, 1607-1613.	8.2	132
50	Cross-talk between G Proteinâ€“Coupled Receptor and Epidermal Growth Factor Receptor Signaling Pathways Contributes to Growth and Invasion of Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2006, 66, 11831-11839.	0.9	131
51	Phosphorylation of TNF- $\alpha$ converting enzyme by gastrin-releasing peptide induces amphiregulin release and EGF receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6901-6906.	7.1	130
52	Lasing from Mechanically Exfoliated 2D Homologous Ruddlesdenâ€“Popper Perovskite Engineered by Inorganic Layer Thickness. <i>Advanced Materials</i> , 2019, 31, e1903030.	21.0	128
53	Structural Insight into Layer Gliding and Lattice Distortion in Layered Manganese Oxide Electrodes for Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1900568.	19.5	125
54	A Bioinspired Medical Adhesive Derived from Skin Secretion of <i>Andrias davidianus</i> for Wound Healing. <i>Advanced Functional Materials</i> , 2019, 29, 1809110.	14.9	121

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55	Control of Cyclin D1 and Breast Tumorigenesis by the EglN2 Prolyl Hydroxylase. <i>Cancer Cell</i> , 2009, 16, 413-424.	16.8	120
56	Whispering Gallery Mode Lasing from Hexagonal Shaped Layered Lead Iodide Crystals. <i>ACS Nano</i> , 2015, 9, 687-695.	14.6	118
57	Strong Exciton-Photon Coupling in Hybrid Inorganic-Organic Perovskite Micro/Nanowires. <i>Advanced Optical Materials</i> , 2018, 6, 1701032.	7.3	114
58	Prolyl hydroxylation by EglN2 destabilizes FOXO3a by blocking its interaction with the USP9x deubiquitinase. <i>Genes and Development</i> , 2014, 28, 1429-1444.	5.9	111
59	Perovskite semiconductors for room-temperature exciton-polaritonics. <i>Nature Materials</i> , 2021, 20, 1315-1324.	27.5	109
60	All-Inorganic CsPbBr <sub>3</sub> Nanowire Based Plasmonic Lasers. <i>Advanced Optical Materials</i> , 2018, 6, 1800674.	7.3	107
61	Atomically Dispersed CoP <sub>3</sub> on CdS Nanorods with Electron-Rich Feature Boosts Photocatalysis. <i>Advanced Materials</i> , 2020, 32, e1904249.	21.0	105
62	Tuning Gold Nanorod-Nanoparticle Hybrids into Plasmonic Fano Resonance for Dramatically Enhanced Light Emission and Transmission. <i>Nano Letters</i> , 2011, 11, 49-55.	9.1	104
63	Epitaxial Growth of Two-Dimensional Metal-Semiconductor Transition-Metal Dichalcogenide Vertical Stacks (VSe <sub>2</sub> /MX <sub>2</sub> ) and Their Band Alignments. <i>ACS Nano</i> , 2019, 13, 885-893.	14.6	102
64	Protein glycosylation: a promising way to modify the functional properties and extend the application in food system. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 2506-2533.	10.3	101
65	Multiple Magnetic Mode-Based Fano Resonance in Split-Ring Resonator/Disk Nanocavities. <i>ACS Nano</i> , 2013, 7, 11071-11078.	14.6	97
66	Apoptosis Induction of Fibroblast-Like Synoviocytes Is an Important Molecular-Mechanism for Herbal Medicine along with its Active Components in Treating Rheumatoid Arthritis. <i>Biomolecules</i> , 2019, 9, 795.	4.0	97
67	Perovskite quantum dot lasers. <i>Informa-Materially</i> , 2020, 2, 170-183.	17.3	97
68	Preparation and characterization of grass carp collagen-chitosan-lemon essential oil composite films for application as food packaging. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 340-351.	7.5	91
69	Fermentation quality and microbial community of alfalfa and stylo silage mixed with <i>Moringa oleifera</i> leaves. <i>Bioresource Technology</i> , 2019, 284, 240-247.	9.6	90
70	Phenolic profiles, Î <sup>2</sup> -glucan contents, and antioxidant capacities of colored Qingke (Tibetan hulless) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.7	89
71	FoxO3 activation in hypoxic tubules prevents chronic kidney disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 2374-2389.	8.2	88
72	Direct Chemical Vapor Deposition Growth and Band-Gap Characterization of MoS <sub>2</sub> /h-BN van der Waals Heterostructures on Au Foils. <i>ACS Nano</i> , 2017, 11, 4328-4336.	14.6	87

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73	Bacterial diversity and fermentation quality of <i>Moringa oleifera</i> leaves silage prepared with lactic acid bacteria inoculants and stored at different temperatures. <i>Bioresource Technology</i> , 2019, 284, 349-358.	9.6	86
74	Physical properties and structural characterization of starch/polyvinyl alcohol/graphene oxide composite films. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 569-575.	7.5	86
75	Decreased STAT1 Expression by Promoter Methylation in Squamous Cell Carcinogenesis. <i>Journal of the National Cancer Institute</i> , 2006, 98, 181-189.	6.3	85
76	Physicochemical properties of gelatin films containing tea polyphenol-loaded chitosan nanoparticles generated by electrospray. <i>Materials and Design</i> , 2020, 185, 108277.	7.0	85
77	Preparation and characterization of TiO <sub>2</sub> -Ag loaded fish gelatin-chitosan antibacterial composite film for food packaging. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 123-133.	7.5	83
78	Structural characteristics, rheological properties, and biological activities of polysaccharides from different cultivars of okra ( <i>Abelmoschus esculentus</i> ) collected in China. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 459-467.	7.5	82
79	Synergy of binders and electrolytes in enabling micro-sized alloy anodes for high performance potassium-ion batteries. <i>Nano Energy</i> , 2020, 77, 105118.	16.0	82
80	Discrimination of Edible Vegetable Oil Adulteration with Used Frying Oil by Low Field Nuclear Magnetic Resonance. <i>Food and Bioprocess Technology</i> , 2013, 6, 2562-2570.	4.7	81
81	Using Seahorse Machine to Measure OCR and ECAR in Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 1928, 353-363.	0.9	81
82	VHL and Hypoxia Signaling: Beyond HIF in Cancer. <i>Biomedicines</i> , 2018, 6, 35.	3.2	80
83	Mitogenic effects of gastrin-releasing peptide in head and neck squamous cancer cells are mediated by activation of the epidermal growth factor receptor. <i>Oncogene</i> , 2003, 22, 6183-6193.	5.9	78
84	Observation of Selective Plasmon-Exciton Coupling in Nonradiative Energy Transfer: Donor-Selective versus Acceptor-Selective Plexcitons. <i>Nano Letters</i> , 2013, 13, 3065-3072.	9.1	77
85	Electrospun Antimicrobial Polylactic Acid/Tea Polyphenol Nanofibers for Food-Packaging Applications. <i>Polymers</i> , 2018, 10, 561.	4.5	77
86	Nanostructures of protein-polysaccharide complexes or conjugates for encapsulation of bioactive compounds. <i>Trends in Food Science and Technology</i> , 2021, 109, 169-196.	15.1	77
87	Vertical TaS <sub>2</sub> Synthesis on Nanoporous Gold for High-Performance Electrocatalytic Applications. <i>Advanced Materials</i> , 2018, 30, e1705916.	21.0	75
88	Ultrafast Charge Transfer in Perovskite Nanowire/2D Transition Metal Dichalcogenide Heterostructures. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1655-1662.	4.6	75
89	High-Quality Exposure Correction of Underexposed Photos. , 2018, , .		75
90	Lysosomal Transmembrane Protein LAPT4B Promotes Autophagy and Tolerance to Metabolic Stress in Cancer Cells. <i>Cancer Research</i> , 2011, 71, 7481-7489.	0.9	74

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91	Antitumor mechanisms of combined gastrin-releasing peptide receptor and epidermal growth factor receptor targeting in head and neck cancer. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1414-1424.	4.1	73
92	Autocrine and Paracrine Chemokine Receptor 7 Activation in Head and Neck Cancer: Implications for Therapy. <i>Journal of the National Cancer Institute</i> , 2008, 100, 502-512.	6.3	71
93	Fluorophore-Doped Core-Shell Multishell Spherical Plasmonic Nanocavities: Resonant Energy Transfer toward a Loss Compensation. <i>ACS Nano</i> , 2012, 6, 6250-6259.	14.6	71
94	Phosphorylation of ETS1 by Src Family Kinases Prevents Its Recognition by the COP1 Tumor Suppressor. <i>Cancer Cell</i> , 2014, 26, 222-234.	16.8	71
95	Unveiling lasing mechanism in CsPbBr <sub>3</sub> microsphere cavities. <i>Nanoscale</i> , 2019, 11, 3145-3153.	5.6	71
96	In vitro digestion and fecal fermentation behaviors of a pectic polysaccharide from okra ( <i>Abelmoschus esculentus</i> ) and its impacts on human gut microbiota. <i>Food Hydrocolloids</i> , 2021, 114, 106577.	10.7	71
97	Evaluation of the non-aldehyde volatile compounds formed during deep-fat frying process. <i>Food Chemistry</i> , 2018, 243, 151-161.	8.2	70
98	Effects of Wilting and <i>Lactobacillus plantarum</i> Addition on the Fermentation Quality and Microbial Community of <i>Moringa oleifera</i> Leaf Silage. <i>Frontiers in Microbiology</i> , 2018, 9, 1817.	3.5	70
99	Composition-Tunable Vertically Aligned CdS <sub>x</sub> Se <sub>1-x</sub> Nanowire Arrays via van der Waals Epitaxy: Investigation of Optical Properties and Photocatalytic Behavior. <i>Advanced Materials</i> , 2012, 24, 4151-4156.	21.0	69
100	The changes in the volatile aldehydes formed during the deep-fat frying process. <i>Journal of Food Science and Technology</i> , 2015, 52, 7683-7696.	2.8	69
101	FBW7 Loss Promotes Chromosomal Instability and Tumorigenesis via Cyclin E1/CDK2-Mediated Phosphorylation of CENP-A. <i>Cancer Research</i> , 2017, 77, 4881-4893.	0.9	68
102	miR-29a/b Enhances Cell Migration and Invasion in Nasopharyngeal Carcinoma Progression by Regulating SPARC and COL3A1 Gene Expression. <i>PLoS ONE</i> , 2015, 10, e0120969.	2.5	68
103	Excitonics of semiconductor quantum dots and wires for lighting and displays. <i>Laser and Photonics Reviews</i> , 2014, 8, 73-93.	8.7	67
104	Estrogen-dependent DLL1-mediated Notch signaling promotes luminal breast cancer. <i>Oncogene</i> , 2019, 38, 2092-2107.	5.9	66
105	The bacterial community and fermentation quality of mulberry ( <i>Morus alba</i> ) leaf silage with or without <i>Lactobacillus casei</i> and sucrose. <i>Bioresource Technology</i> , 2019, 293, 122059.	9.6	65
106	Effect of extraction methods on the properties and antioxidant activities of Chuanminshen violaceum polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 179-185.	7.5	64
107	MYC activation cooperates with Vhl and Ink4a/Arf loss to induce clear cell renal cell carcinoma. <i>Nature Communications</i> , 2017, 8, 15770.	12.8	64
108	Effects of microbial fermentation and microwave treatment on the composition, structural characteristics, and functional properties of modified okara dietary fiber. <i>LWT - Food Science and Technology</i> , 2020, 123, 109059.	5.2	64



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109	Research progress in tofu processing: From raw materials to processing conditions. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 1448-1467.	10.3	63
110	Physicochemical characteristics and biological activities of polysaccharides from the leaves of different loquat ( <i>Eriobotrya japonica</i> ) cultivars. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 274-281.	7.5	63
111	Characterization, in vitro binding properties, and inhibitory activity on pancreatic lipase of $\beta$ -glucans from different Qingke (Tibetan hulless barley) cultivars. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2517-2522.	7.5	62
112	Physicochemical characteristics and antioxidant activities of non-starch polysaccharides from different kiwifruits. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 891-900.	7.5	62
113	Fabryâ€™s Rot Oscillation and Room Temperature Lasing in Perovskite Cubeâ€™Corner Pyramid Cavities. <i>Small</i> , 2018, 14, 1703136.	10.0	61
114	Recent Progress of Strong Excitonâ€™Photon Coupling in Lead Halide Perovskites. <i>Advanced Materials</i> , 2019, 31, e1804894.	21.0	60
115	Vapor-Phase Incommensurate Heteroepitaxy of Oriented Single-Crystal CsPbBr <sub>3</sub> on GaN: Toward Integrated Optoelectronic Applications. <i>ACS Nano</i> , 2019, 13, 10085-10094.	14.6	59
116	Temperature-dependent photoluminescence and lasing properties of CsPbBr <sub>3</sub> nanowires. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	59
117	Egln2 associates with the $\langle \text{scp} \rangle \text{NRF} \langle / \text{scp} \rangle 1 \hat{=} \langle \text{scp} \rangle \text{PGC} \langle / \text{scp} \rangle 1 \hat{=}$ complex and controls mitochondrial function in breast cancer. <i>EMBO Journal</i> , 2015, 34, 2953-2970.	7.8	58
118	Direct synthesis and in situ characterization of monolayer parallelogrammic rhenium diselenide on gold foil. <i>Communications Chemistry</i> , 2018, 1, .	4.5	58
119	Full-color enhanced second harmonic generation using rainbow trapping in ultrathin hyperbolic metamaterials. <i>Nature Communications</i> , 2021, 12, 6425.	12.8	58
120	Extraction Optimization and Effects of Extraction Methods on the Chemical Structures and Antioxidant Activities of Polysaccharides from Snow Chrysanthemum ( <i>Coreopsis tinctoria</i> ). <i>Polymers</i> , 2019, 11, 215.	4.5	57
121	Ensiling characteristics, proteolysis and bacterial community of high-moisture corn stalk and stylo silage prepared with <i>Bauhinia variegata</i> flower. <i>Bioresource Technology</i> , 2020, 296, 122336.	9.6	57
122	Functional dominance rather than taxonomic diversity and functional diversity mainly affects community aboveground biomass in the Inner Mongolia grassland. <i>Ecology and Evolution</i> , 2017, 7, 1605-1615.	1.9	56
123	Effect of applying lactic acid bacteria and cellulase on the fermentation quality, nutritive value, tannins profile and in vitro digestibility of <i>Neolamarckia cadamba</i> leaves silage. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1429-1436.	2.2	56
124	Scalable Production of Two-Dimensional Metallic Transition Metal Dichalcogenide Nanosheet Powders Using NaCl Templates toward Electrocatalytic Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 18694-18703.	18.7	56
125	Enhanced Optical Absorption and Slowed Light of Reduced-Dimensional CsPbBr <sub>3</sub> Nanowire Crystal by Excitonâ€™Polariton. <i>Nano Letters</i> , 2020, 20, 1023-1032.	9.1	55
126	Influences of different drying methods on the structural characteristics and multiple bioactivities of polysaccharides from okra ( <i>Abelmoschus esculentus</i> ). <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1053-1063.	7.5	55



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127	Oil extraction from tiger nut ( <i>Cyperus esculentus</i> L.) using the combination of microwave-ultrasonic assisted aqueous enzymatic method - design, optimization and quality evaluation. <i>Journal of Chromatography A</i> , 2020, 1627, 461380.	3.7	55
128	Quantum dots on vertically aligned gold nanorod monolayer: plasmon enhanced fluorescence. <i>Nanoscale</i> , 2014, 6, 5592-5598.	5.6	53
129	Optimization of microwave-assisted extraction of oil from tiger nut ( <i>Cyperus esculentus</i> L.) and its quality evaluation. <i>Industrial Crops and Products</i> , 2018, 115, 290-297.	5.2	53
130	Roles for the IKK-Related Kinases TBK1 and IKK $\mu$ in Cancer. <i>Cells</i> , 2018, 7, 139.	4.1	53
131	Study on physicochemical properties, antioxidant and antimicrobial activity of okara soluble dietary fiber/sodium carboxymethyl cellulose/thyme essential oil active edible composite films incorporated with pectin. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1241-1249.	7.5	53
132	Epitaxial $\sqrt{3}\times\sqrt{3}$ Tripod Nanocrystals: A Generalization of van der Waals Epitaxy for Nonplanar Polytypic Nanoarchitectures. <i>ACS Nano</i> , 2012, 6, 2281-2288.	14.6	52
133	Size-Dependent Exciton Recombination Dynamics in Single CdS Nanowires beyond the Quantum Confinement Regime. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10716-10722.	3.1	52
134	Unraveling the Growth of Hierarchical Quasi-2D/3D Perovskite and Carrier Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1124-1132.	4.6	52
135	Efficacy and Mechanism of Cinnamon Essential Oil on Inhibition of <i>Colletotrichum acutatum</i> Isolated From "Hongyang"™ Kiwifruit. <i>Frontiers in Microbiology</i> , 2018, 9, 1288.	3.5	52
136	Plasmonic Nanolasers in On-Chip Light Sources: Prospects and Challenges. <i>ACS Nano</i> , 2020, 14, 14375-14390.	14.6	52
137	Anisotropic Growth and Scanning Tunneling Microscopy Identification of Ultrathin Even-Layered PdSe <sub>2</sub> Ribbons. <i>Small</i> , 2019, 15, e1902789.	10.0	50
138	New Insights into Protein Hydroxylation and Its Important Role in Human Diseases. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 208-220.	7.4	49
139	Recent Research in Antihypertensive Activity of Food Protein-derived Hydrolyzates and Peptides. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 760-787.	10.3	49
140	Berberine Influences Blood Glucose via Modulating the Gut Microbiome in Grass Carp. <i>Frontiers in Microbiology</i> , 2019, 10, 1066.	3.5	49
141	Transparent free-standing metamaterials and their applications in surface-enhanced Raman scattering. <i>Nanoscale</i> , 2014, 6, 132-139.	5.6	48
142	The integrin PSI domain has an endogenous thiol isomerase function and is a novel target for antiplatelet therapy. <i>Blood</i> , 2017, 129, 1840-1854.	1.4	48
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