Yang Zhao

List of Publications by Year
in descending order

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		81900	42399
114	8,952	39	92
papers	citations	h-index	g-index

124	124	124	14433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increased Peripheral NKG2A-NKG2D+CD3-CD16+CD56dim NK Cell Subset Was Positively Correlated with Antiphospholipid Antibodies in Patients of Obstetric Antiphospholipid Syndrome. Immunological Investigations, 2022, 51, 425-437.	2.0	1
2	The binding of autotaxin to integrins mediates hyperhomocysteinemia-potentiated platelet activation and thrombosis in mice and humans. Blood Advances, 2022, 6, 46-61.	5.2	9
3	Pseudomorphic synthesis of bimodal porous silica microspheres for size-exclusion chromatography of small molecules. Journal of Chromatography A, 2022, 1664, 462757.	3.7	4
4	Purification and characterization of anti-phytopathogenic fungi angucyclinone from soil-derived Streptomyces cellulosae. Folia Microbiologica, 2022, 67, 517-522.	2.3	4
5	Enabling fast-charging selenium-based aqueous batteries via conversion reaction with copper ions. Nature Communications, 2022, 13, 1863.	12.8	27
6	Percutaneous Cannulated Screw Fixation vs. Plating With Minimally Invasive Longitudinal Approach After Closed Reduction for Intra-Articular Tongue-Type Calcaneal Fractures: A Retrospective Cohort Study. Frontiers in Surgery, 2022, 9, 854210.	1.4	2
7	Dynamic change of circulating innate and adaptive lymphocytes subtypes during a cascade of gastric lesions. Journal of Leukocyte Biology, 2022, 112, 931-938.	3.3	6
8	Fast constructing polarity-switchable zinc-bromine microbatteries with high areal energy density. Science Advances, 2022, 8, .	10.3	19
9	NSun2 regulates aneurysm formation by promoting autotaxin expression and T cell recruitment. Cellular and Molecular Life Sciences, 2021, 78, 1709-1727.	5.4	17
10	A coupled conductor of ionic liquid with Ti₃C₂ MXene to improve electrochemical properties. Journal of Materials Chemistry A, 2021, 9, 442-452.	10.3	32
11	How Does the Moisture Affect CO₂ Absorption by a Glycinate Ionic Liquid?. ACS Sustainable Chemistry and Engineering, 2021, 9, 853-862.	6.7	15
12	ICAM-1 orchestrates the abscopal effect of tumor radiotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
13	Fertility quality of life (FertiQoL) among Chinese women undergoing frozen embryo transfer. BMC Women's Health, 2021, 21, 177.	2.0	7
14	Exceptional High and Reversible Ammonia Uptake by Two Dimension Few-layer BiI₃ Nanosheets. ACS Applied Materials & Interfaces, 2021, 13, 25918-25925.	8.0	54
15	Gene Expression Profiles Analyzed Using Integrating RNA Sequencing, and Microarray Reveals Increased Inflammatory Response, Proliferation, and Osteoclastogenesis in Pigmented Villonodular Synovitis. Frontiers in Immunology, 2021, 12, 665442.	4.8	8
16	The Emerging of Aqueous Zincâ€Based Dual Electrolytic Batteries. Small, 2021, 17, e2008043.	10.0	23
17	Multifractal Analysis and Neural Network Prediction of Pore Structures in Coal Reservoirs Based on NMR T₂ Spectra. Energy & Fuels, 2021, 35, 11306-11318.	5.1	17
18	Evaluation of Compressibility of Multiscale Poreâ€“Fractures in Fractured Low-Rank Coals by Low-Field Nuclear Magnetic Resonance. Energy & Fuels, 2021, 35, 13133-13143.	5.1	10

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19	Elevations of monocyte and neutrophils, and higher levels of granulocyte <scp>colonyâ€stimulating</scp> factor in peripheral blood in lung cancer patients. Thoracic Cancer, 2021, 12, 2680-2690.	1.9	12
20	A Cascade Battery: Coupling Two Sequential Electrochemical Reactions in a Single Battery. Advanced Materials, 2021, 33, e2105480.	21.0	25
21	Adsorption energy as a promising single-parameter descriptor for single atom catalysis in the oxygen evolution reaction. Journal of Materials Chemistry A, 2021, 9, 6442-6450.	10.3	18
22	Tailoring Multiple Sites of Metalâ€“Organic Frameworks for Highly Efficient and Reversible Ammonia Adsorption. ACS Applied Materials & Interfaces, 2021, 13, 56025-56034.	8.0	28
23	Highly Dispersed Ionic Liquids in Mesoporous Molecular Sieves Enable a Record NH₃ Absorption. ACS Sustainable Chemistry and Engineering, 2021, 9, 16363-16372.	6.7	14
24	Cyclic Peptide Secondary Metabolites with Antifungal Activity Against Root-Rot Pathogens of Panax notoginseng Produced by Streptomyces yatensis. Chemistry of Natural Compounds, 2021, 57, 1181-1183.	0.8	1
25	Facile Fabrication of Ultraflexible Transparent Electrodes Using Embedded Copper Networks for Wearable Pressure Sensors. Advanced Materials Technologies, 2020, 5, 1900823.	5.8	17
26	Comparing the Influence of High Doses of Different Zinc Salts on Oxidative Stress and Energy Depletion in IPEC-J2 Cells. Biological Trace Element Research, 2020, 196, 481-493.	3.5	9
27	Noninvasive PET tracking of post-transplant gut microbiota in living mice. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 991-1002.	6.4	14
28	Homocysteine promotes hepatic steatosis by activating the adipocyte lipolysis in a HIF1Î±-ERO1Î±-dependent oxidative stress manner. Redox Biology, 2020, 37, 101742.	9.0	17
29	Dietary Betaine Addition Promotes Hepatic Cholesterol Synthesis, Bile Acid Conversion, and Export in Rats. Nutrients, 2020, 12, 1399.	4.1	12
30	A Performance Evaluation of Hashing Techniques for 2D and 3D Palmprint Retrieval and Recognition. IEEE Sensors Journal, 2020, 20, 11864-11873.	4.7	5
31	SET7/9 promotes multiple malignant processes in breast cancer development via RUNX2 activation and is negatively regulated by TRIM21. Cell Death and Disease, 2020, 11, 151.	6.3	28
32	Thermodynamics of self-aggregation of mixed cationic gemini/sodium deoxycholate surfactant systems in aqueous solution. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2903-2913.	3.6	7
33	Wnt1 inhibits vascular smooth muscle cell calcification by promoting ANKH expression. Journal of Molecular and Cellular Cardiology, 2019, 135, 10-21.	1.9	18
34	Transforming compound leaf patterning by manipulating REVOLUTA in Medicago truncatula. Plant Journal, 2019, 100, 562-571.	5.7	20
35	Mild palladium-catalysed highly efficient hydrogenation of Cî€,N, Câ€“NO₂, and Cî€O bonds using H₂ of 1 atm in H₂O. Green Chemistry, 2019, 21, 830-838.	9.0	33
36	MtBZR1 Plays an Important Role in Nodule Development in Medicago truncatula. International Journal of Molecular Sciences, 2019, 20, 2941.	4.1	7

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37	AGAMOUS-LIKE FLOWERregulates flower and compound leaf development through different regulatory mechanisms inMedicago truncatula. Plant Signaling and Behavior, 2019, 14, 1612683.	2.4	4
38	Aggregation Behavior of Pyrrolidinium Ionic Liquid Surfactants in â˜OH-Functionalized Ammonium-Based Protic Ionic Liquids. Journal of Chemical & Engineering Data, 2019, 64, 4708-4716.	1.9	9
39	Highly selective hydrogenation of aldehydes promoted by a palladium-based catalyst and its application in equilibrium displacement in a one-enzyme procedure using Ï‰-transaminase. Organic Chemistry Frontiers, 2019, 6, 1587-1593.	4.5	3
40	The coordination between ZNF217 and LSD1 contributes to hepatocellular carcinoma progress and is negatively regulated by miR-101. Experimental Cell Research, 2019, 379, 1-10.	2.6	24
41	Suppression of Gut Bacterial Translocation Ameliorates Vascular Calcification through Inhibiting Toll-Like Receptor 9-Mediated BMP-2 Expression. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	4.0	10
42	MTA2-mediated inhibition of PTEN leads to pancreatic ductal adenocarcinoma carcinogenicity. Cell Death and Disease, 2019, 10, 206.	6.3	18
43	AGLF provides C-function in floral organ identity through transcriptional regulation of AGAMOUS in Medicago truncatula. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5176-5181.	7.1	20
44	Polymeric tungsten carbide nanoclusters: structural evolution, ligand modulation, and assembled nanomaterials. Nanoscale, 2019, 11, 19903-19911.	5.6	20
45	Effect of extremely aggressive environment on the nature of corrosion scales of HP-13Cr stainless steel. Applied Surface Science, 2019, 469, 146-161.	6.1	72
46	Enhancing Anti-PD-1/PD-L1 Immune Checkpoint Inhibitory Cancer Therapy by CD276-Targeted Photodynamic Ablation of Tumor Cells and Tumor Vasculature. Molecular Pharmaceutics, 2019, 16, 339-348.	4.6	66
47	Pourbaix diagram for HP-13Cr stainless steel in the aggressive oilfield environment characterized by high temperature, high CO2 partial pressure and high salinity. Electrochimica Acta, 2019, 293, 116-127.	5.2	38
48	Significant Improvement on Polybenzoxazine Toughness Achieved by Amine/Benzoxazine Copolymerizationâ€Induced Phase Separation. Macromolecular Chemistry and Physics, 2018, 219, 1700517.	2.2	21
49	Noninvasive small-animal imaging of galectin-1 upregulation for predicting tumor resistance to radiotherapy. Biomaterials, 2018, 158, 1-9.	11.4	15
50	Silver nanoclusters-assisted ion-exchange reaction with CdTe quantum dots for photoelectrochemical detection of adenosine by target-triggering multiple-cycle amplification strategy. Biosensors and Bioelectronics, 2018, 110, 239-245.	10.1	37
51	DCC-Mediated Dab1 Phosphorylation Participates in the Multipolar-to-Bipolar Transition of Migrating Neurons. Cell Reports, 2018, 22, 3598-3611.	6.4	30
52	Both GfrÎ±1a and GfrÎ±1b Are Involved in the Self-Renewal and Maintenance of Spermatogonial Stem Cells in Medaka. Stem Cells and Development, 2018, 27, 1658-1670.	2.1	10
53	Asymmetrical Micro-Supercapacitors: Laser-Assisted Large-Scale Fabrication of All-Solid-State Asymmetrical Micro-Supercapacitor Array (Small 37/2018). Small, 2018, 14, 1870171.	10.0	1
54	Thermally assisted self-healing behavior of anhydride modified polybenzoxazines based on transesterification. Scientific Reports, 2018, 8, 10325.	3.3	36

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55	Laserâ€Assisted Largeâ€Scale Fabrication of Allâ€Solidâ€State Asymmetrical Microâ€Supercapacitor Array. Small, 2018, 14, e1801809.	10.0	68
56	Establishment and growth responses of Nile tilapia embryonic stemâ€like cell lines under feederâ€free condition. Development Growth and Differentiation, 2017, 59, 83-93.	1.5	23
57	A novel silver nanocluster in situ synthesized as versatile probe for electrochemiluminescence and electrochemical detection of thrombin by multiple signal amplification strategy. Biosensors and Bioelectronics, 2017, 94, 243-249.	10.1	86
58	Vertically Aligned Graphene Sheets Membrane for Highly Efficient Solar Thermal Generation of Clean Water. ACS Nano, 2017, 11, 5087-5093.	14.6	871
59	Real-Time Detection Reveals Responsive Cotranscriptional Formation of Persistent Intramolecular DNA and Intermolecular DNA:RNA Hybrid G-Quadruplexes Stabilized by R-Loop. Analytical Chemistry, 2017, 89, 6036-6042.	6.5	19
60	Photo-isomerization and light-modulated aggregation behavior of azobenzene-based ionic liquids in aqueous solutions. RSC Advances, 2017, 7, 44688-44695.	3.6	21
61	Chemotherapy-Induced Macrophage Infiltration into Tumors Enhances Nanographene-Based Photodynamic Therapy. Cancer Research, 2017, 77, 6021-6032.	0.9	16
62	Preparation of Monolayer MoS2 Quantum Dots using Temporally Shaped Femtosecond Laser Ablation of Bulk MoS2 Targets in Water. Scientific Reports, 2017, 7, 11182.	3.3	167
63	Inhibiting Metastasis and Preventing Tumor Relapse by Triggering Host Immunity with Tumor-Targeted Photodynamic Therapy Using Photosensitizer-Loaded Functional Nanographenes. ACS Nano, 2017, 11, 10147-10158.	14.6	164
64	Silverâ€“Sulfur Hybrid Supertetrahedral Clusters: The Hitherto Missing Members in the Metalâ€“Chalcogenide Tetrahedral Clusters. Chemistry - A European Journal, 2017, 23, 14420-14424.	3.3	19
65	Graphene-based smart materials. Nature Reviews Materials, 2017, 2, .	48.7	569
66	Microarray Expression Profile of Circular RNAs in Plasma from Primary Biliary Cholangitis Patients. Cellular Physiology and Biochemistry, 2017, 44, 1271-1281.	1.6	24
67	Antibacterial cotton fabric with enhanced durability prepared using L-cysteine and silver nanoparticles. Fibers and Polymers, 2017, 18, 2204-2211.	2.1	33
68	Hydrogen bonding mediated ion pairs of some aprotic ionic liquids and their structural transition in aqueous solution. Science China Chemistry, 2017, 60, 970-978.	8.2	8
69	Identification, Prokaryote Expression of Medaka gdnfa/b and Their Biological Activity in a Spermatogonial Cell Line. Stem Cells and Development, 2017, 26, 197-205.	2.1	14
70	Graphene Oxide Nanoribbon Assembly toward Moistureâ€Powered Information Storage. Advanced Materials, 2017, 29, 1604972.	21.0	118
71	Effect of Cu Addition to 2205 Duplex Stainless Steel on the Resistance against Pitting Corrosion by the Pseudomonas aeruginosa Biofilm. Journal of Materials Science and Technology, 2017, 33, 723-727.	10.7	50
72	Noninvasive Imaging of CD206-Positive M2 Macrophages as an Early Biomarker for Post-Chemotherapy Tumor Relapse and Lymph Node Metastasis. Theranostics, 2017, 7, 4276-4288.	10.0	85

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73	A General and Extremely Simple Remote Approach toward Graphene Bulks with In Situ Multifunctionalization. Advanced Materials, 2016, 28, 3305-3312.	21.0	79
74	FeNi Layered Double-Hydroxide Nanosheets on a 3D Carbon Network as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. Particle and Particle Systems Characterization, 2016, 33, 158-166.	2.3	43
75	Growth of Hollow Transition Metal (Fe, Co, Ni) Oxide Nanoparticles on Graphene Sheets through Kirkendall Effect as Anodes for Highâ€Performance Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2016, 22, 1638-1645.	3.3	55
76	A versatile, superelastic polystyrene/graphene capsule-like framework. Journal of Materials Chemistry A, 2016, 4, 10118-10123.	10.3	26
77	Reversible Switching of Amphiphilic Self-Assemblies of Ionic Liquids between Micelle and Vesicle by CO2. Langmuir, 2016, 32, 6895-6901.	3.5	18
78	A putative pyruvate transporter TaBASS2 positively regulates salinity tolerance in wheat via modulation of ABI4 expression. BMC Plant Biology, 2016, 16, 109.	3.6	34
79	Solution-Processed Ultraelastic and Strong Air-Bubbled Graphene Foams. Small, 2016, 12, 3229-3234.	10.0	83
80	Electrochemically activated-iron oxide nanosheet arrays on carbon fiber cloth as a three-dimensional self-supported electrode for efficient water oxidation. Journal of Materials Chemistry A, 2016, 4, 6048-6055.	10.3	66
81	High H₂/CO Ratio Syngas Production from Chemical Looping Gasification of Sawdust in a Dual Fluidized Bed Gasifier. Energy & Fuels, 2016, 30, 1764-1770.	5.1	77
82	Nanostructured molybdenum phosphide/N,P dual-doped carbon nanotube composite as electrocatalysts for hydrogen evolution. RSC Advances, 2016, 6, 7370-7377.	3.6	30
83	Leucine supplementation via drinking water reduces atherosclerotic lesions in apoE null mice. Acta Pharmacologica Sinica, 2016, 37, 196-203.	6.1	31
84	Femtosecond laser rapid fabrication of large-area rose-like micropatterns on freestanding flexible graphene films. Scientific Reports, 2015, 5, 17557.	3.3	30
85	A Graphene Fibriform Responsor for Sensing Heat, Humidity, and Mechanical Changes. Angewandte Chemie - International Edition, 2015, 54, 14951-14955.	13.8	77
86	A Graphitic€C₃N₄ â€œSeaweedâ€•Architecture for Enhanced Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 11433-11437.	13.8	433
87	A Graphene Fibriform Responsor for Sensing Heat, Humidity, and Mechanical Changes. Angewandte Chemie, 2015, 127, 15164-15168.	2.0	11
88	Graphitic Carbon Nitride/Graphene Hybrids as New Active Materials for Energy Conversion and Storage. ChemNanoMat, 2015, 1, 298-318.	2.8	117
89	Graphene/N-doped amorphous carbon sheet for hydrogen evolution. Science China: Physics, Mechanics and Astronomy, 2015, 58, 1.	5.1	1
90	A XEN-like State Bridges Somatic Cells to Pluripotency during Chemical Reprogramming. Cell, 2015, 163, 1678-1691.	28.9	210

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91	Mammalian target of rapamycin signaling inhibition ameliorates vascular calcification via Klotho upregulation. Kidney International, 2015, 88, 711-721.	5.2	98
92	Small-Molecule-Driven Direct Reprogramming of Mouse Fibroblasts into Functional Neurons. Cell Stem Cell, 2015, 17, 195-203.	11.1	358
93	A Wheat Allene Oxide Cyclase Gene Enhances Salinity Tolerance via Jasmonate Signaling Â Â. Plant Physiology, 2014, 164, 1068-1076.	4.8	198
94	Graphitic Carbon Nitride Nanoribbons: Grapheneâ€Assisted Formation and Synergic Function for Highly Efficient Hydrogen Evolution. Angewandte Chemie - International Edition, 2014, 53, 13934-13939.	13.8	470
95	Hydrogen bonds in the crystal structure of hydrophobic and hydrophilic COOH-functionalized imidazolium ionic liquids. CrystEngComm, 2014, 16, 3040-3046.	2.6	23
96	MoS₂ nanosheet/Mo₂C-embedded N-doped carbon nanotubes: synthesis and electrocatalytic hydrogen evolution performance. Journal of Materials Chemistry A, 2014, 2, 18715-18719.	10.3	109
97	An efficient and reusable ionic liquid catalyst for the synthesis of 14-aryl-14H-dibenzo[a,j]xanthenes under solvent-free conditions. RSC Advances, 2014, 4, 36031-36035.	3.6	17
98	Generation of Naive Induced Pluripotent Stem Cells from Rhesus Monkey Fibroblasts. Cell Stem Cell, 2014, 15, 488-497.	11.1	110
99	Cholinium ionic liquids as cheap and reusable catalysts for the synthesis of coumarins via Pechmann reaction under solvent-free conditions. RSC Advances, 2014, 4, 22946-22950.	3.6	33
100	Preparation of BaFe12O19 as anode material for lithium-ion batteries through solâ€“gel method. Journal of Sol-Gel Science and Technology, 2013, 66, 238-241.	2.4	8
101	Preparation of hollow Zn2SnO4 boxes for advanced lithium-ion batteries. RSC Advances, 2013, 3, 14480.	3.6	62
102	Grapheneâ€Supported <scp><scp>Ce</scp></scp>â€“<scp><scp>SnS</scp></scp>₂ Nanocomposite as Anode Material for Lithiumâ€Ion Batteries. Journal of the American Ceramic Society, 2013, 96, 2190-2196.	3.8	47
103	Effects of combinatorial expression of selA, selB and selC genes on the efficiency of selenocysteine incorporation in Escherichia coli. Chemical Research in Chinese Universities, 2013, 29, 87-94.	2.6	2
104	The study on the Li-storage performances of bamboo charcoal (BC) and BC/Li2SnO3 composites. Journal of Applied Electrochemistry, 2013, 43, 1243-1248.	2.9	7
105	Facile preparation, high microwave absorption and microwave absorbing mechanism of RGOâ€“Fe3O4 composites. RSC Advances, 2013, 3, 23638.	3.6	346
106	Botryoidalis hollow Zn2SnO4 boxes@graphene as anode materials for advanced lithium-ion batteries. RSC Advances, 2013, 3, 23489.	3.6	30
107	Highly Compressionâ€Tolerant Supercapacitor Based on Polypyrroleâ€mediated Graphene Foam Electrodes. Advanced Materials, 2013, 25, 591-595.	21.0	745
108	Large-Scale Spinning Assembly of Neat, Morphology-Defined, Graphene-Based Hollow Fibers. ACS Nano, 2013, 7, 2406-2412.	14.6	137

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109	Graphene supported Li2SnO3 as anode material for lithium-ion batteries. Electronic Materials Letters, 2013, 9, 683-686.	2.2	19
110	A Versatile, Ultralight, Nitrogenâ€Doped Graphene Framework. Angewandte Chemie - International Edition, 2012, 51, 11371-11375.	13.8	731
111	A rationally-designed synergetic polypyrrole/graphene bilayer actuator. Journal of Materials Chemistry, 2012, 22, 4015.	6.7	66
112	Ionic liquid assisted synthesis of flowerlike Cu2O micro-nanocrystals. Science China Chemistry, 2012, 55, 1580-1586.	8.2	5
113	Electrochemical deposition of polyaniline nanosheets mediated by sulfonated polyaniline functionalized graphenes. Journal of Materials Chemistry, 2011, 21, 13978.	6.7	51
114	Super-long aligned TiO₂/carbon nanotube arrays. Nanotechnology, 2010, 21, 505702.	2.6	37