Ye Wang

List of Publications by Year
in descending order

49	1,616	430874	315739
papers	citations	18 h-index	38 g-index

50	50	50	1418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Designing Advanced Aqueous Zincâ€Ion Batteries: Principles, Strategies, and Perspectives. Energy and Environmental Materials, 2022, 5, 823-851.	12.8	69
2	Regulating Na deposition by constructing a Au sodiophilic interphase on CNT modified carbon cloth for flexible sodium metal anode. Journal of Colloid and Interface Science, 2022, 611, 317-326.	9.4	22
3	Interface engineering of nickel Hydroxide-Molybdenum diselenide nanosheet heterostructure arrays for efficient alkaline hydrogen production. Journal of Colloid and Interface Science, 2022, 614, 267-276.	9.4	10
4	A Universal Additive Strategy to Reshape Electrolyte Solvation Structure toward Reversible Zn Storage. Advanced Energy Materials, 2022, 12, .	19.5	155
5	Polysulfide Regulation by Hypervalent Iodine Compounds for Durable and Sustainable Lithiumâ€“Sulfur Battery. Small, 2022, 18, e2106716.	10.0	14
6	Surface Plasmon Resonance Properties of Silver Nanocrystal Superlattices Spaced by Polystyrene Ligands. Journal of Physical Chemistry C, 2022, 126, 4948-4958.	3.1	3
7	GhLBDs Promote Callus Initiation and Act as Selectable Markers to Increase Transformation Efficiency. Frontiers in Plant Science, 2022, 13, 861706.	3.6	4
8	Progress on 3Dâ€Printed Metalâ€Organic Frameworks with Hierarchical Structures. Advanced Materials Technologies, 2022, 7, .	5.8	10
9	3D-Printed Sodiophilic V₂CT_x/rGO-CNT MXene Microgrid Aerogel for Stable Na Metal Anode with High Areal Capacity. ACS Nano, 2022, 16, 9105-9116.	14.6	60
10	Investigation the sodium storage kinetics of H 1.07 Ti 1.73 O 4 @rGO composites for high rate and long cycle performance. Journal of the American Ceramic Society, 2021, 104, 1526-1538.	3.8	10
11	Bagging and nonâ€bagging treatment on the dissipation and residue of four mixed application pesticides on banana fruit. Journal of the Science of Food and Agriculture, 2021, 101, 3472-3480.	3.5	10
12	Tungsten disulfide-reduced GO/CNT aerogel: a tuned interlayer spacing anode for efficient water desalination. Journal of Materials Chemistry A, 2021, 9, 10758-10768.	10.3	22
13	Enantioselective Analysis and Degradation Studies of Four Stereoisomers of Difenoconazole in Citrus by Chiral Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2021, 69, 501-510.	5.2	15
14	Recent advances in carbon-shell-based nanostructures for advanced Li/Na metal batteries. Journal of Materials Chemistry A, 2021, 9, 6070-6088.	10.3	21
15	Rational construction of K_{0.5}V₂O₅ nanobelts/CNTs flexible cathode for multi-functional potassium-ion batteries. Nanoscale, 2021, 13, 8199-8209.	5.6	17
16	The activation of methane by Ni-Cu/MoOx for the synthesis of ethanol. Journal of Chemical Sciences, 2021, 133, 1.	1.5	2
17	Maturity and thermal evolution differences between two sets of Lower Palaeozoic shales and its significance for shale gas formation in southâ€western Sichuan Basin, China. Geological Journal, 2021, 56, 3698-3719.	1.3	8
18	Suppression of Nonradiative Recombination by Vacuumâ€Assisted Process for Efficient Leadâ€Free Tin Perovskite Solar Cells. Advanced Materials Interfaces, 2021, 8, 2100135.	3.7	20

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19	Tailoring Nanostructures of Quantum Dots toward Efficient and Stable All-Solution Processed Quantum Dot Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2021, 13, 17861-17868.	8.0	12
20	Unveiling Roles of Tin Fluoride Additives in Highâ€Efficiency Lowâ€Bandgap Mixed Tinâ€Lead Perovskite Solar Cells. Advanced Energy Materials, 2021, 11, 2101045.	19.5	101
21	Porosity Engineering of MXene Membrane towards Polysulfide Inhibition and Fast Lithium Ion Transportation for Lithiumâ€“Sulfur Batteries. Small, 2021, 17, e2007442.	10.0	57
22	Identification and Characterization of the ERF Subfamily B3 Group Revealed GhERF13.12 Improves Salt Tolerance in Upland Cotton. Frontiers in Plant Science, 2021, 12, 705883.	3.6	12
23	Chirality transfer of cysteine to the plasmonic resonance region through silver coating of gold nanobipyramids. Chemical Communications, 2021, 57, 3211-3214.	4.1	13
24	Wide-bandgap organicâ€“inorganic hybrid and all-inorganic perovskite solar cells and their application in all-perovskite tandem solar cells. Energy and Environmental Science, 2021, 14, 5723-5759.	30.8	114
25	Vertically aligned 1T-phase PtSe₂ on flexible carbon cloth for efficient and stable hydrogen evolution reaction. Journal of Materials Chemistry C, 2021, 9, 9524-9531.	5.5	8
26	Recent Advances in Heterostructure Engineering for Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2021, 11, 2003689.	19.5	269
27	Efficient wide-bandgap perovskite solar cells enabled by doping a bromine-rich molecule. Nanophotonics, 2021, 10, 2059-2068.	6.0	17
28	ZIF-8-derived carbon-modified g-C₃N₄ heterostructure with enhanced photocatalytic activity for dye degradation and hydrogen production. Dalton Transactions, 2021, 50, 17618-17624.	3.3	15
29	Effects of mineral oil spray additives on the distribution and dissipation kinetics of pyraclostrobin and azoxystrobin in banana leaves, fruits, and soil. Biomedical Chromatography, 2020, 34, e4745.	1.7	6
30	Superior uniform carbon nanofibers@g-C3N4 core-shell nanostructures embedded by Au nanoparticles for high-efficiency photocatalyst. Journal of Hazardous Materials, 2020, 388, 121759.	12.4	24
31	3D printed rGO/CNT microlattice aerogel for a dendrite-free sodium metal anode. Journal of Materials Chemistry A, 2020, 8, 19843-19854.	10.3	82
32	Alternate hybrid precoding algorithm for wideband millimetre wave massive MIMO systems. IET Communications, 2020, 14, 1261-1267.	2.2	1
33	Hybrid precoding design for millimetre wave systems with the partiallyâ€connected structure. IET Communications, 2020, 14, 561-567.	2.2	4
34	CO₂ photoreduction to CO/CH₄ over Bi₂W_{0.5}Mo_{0.5}O₆ solid solution nanotubes under visible light. RSC Advances, 2020, 10, 8821-8824.	3.6	19
35	Determination of nitenpyram dissipation and residue in kiwifruit by LC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 955-962.	2.3	6
36	Hybrid precoding for millimetre wave MIMO systems based on particle swarm optimisation. IET Communications, 2019, 13, 1643-1650.	2.2	5

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37	Investigation on electrical characteristics of amorphous InZnSnMgO thin film transistors deposited at room-temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 20551-20555.	2.2	0
38	Hybrid Precoder and Combiner Design for Single-User mmWave MIMO Systems. IEEE Access, 2019, 7, 63818-63828.	4.2	16
39	Low Complexity Hybrid Precoder Design for Millimeter Wave MIMO Systems. IEEE Communications Letters, 2019, 23, 1259-1262.	4.1	18
40	Chemical Diversity and Prediction of Potential Cultivation Areas of Cistanche Herbs. Scientific Reports, 2019, 9, 19737.	3.3	29
41	Double active layer InZnO:N/InZnSnO thin film transistors with high mobility at low annealing temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 1496-1499.	2.2	4
42	Oncoprotein Tudor-SN is a key determinant providing survival advantage under DNA damaging stress. Cell Death and Differentiation, 2018, 25, 1625-1637.	11.2	23
43	Analog Precoding Designs for Millimeter Wave Communication Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 11733-11745.	6.3	11
44	Low Complexity Joint Hybrid Precoding Algorithm for Millimeter Wave MIMO Systems. IEEE Access, 2018, 6, 56423-56432.	4.2	10
45	Acceleration of Gas Reservoir Simulation Using Proper Orthogonal Decomposition. Geofluids, 2018, 2018, 1-15.	0.7	2
46	Low-Temperature Catalytic CO₂ Dry Reforming of Methane on Ni-Si/ZrO₂ Catalyst. ACS Catalysis, 2018, 8, 6495-6506.	11.2	220
47	A High Frequency of Peripheral Blood ILâ€22⁺CD4⁺ T Cells in Patients With New Onset Type 2 Diabetes Mellitus. Journal of Clinical Laboratory Analysis, 2016, 30, 95-102.	2.1	23
48	High frequency of activated NKp46⁺natural killer cells in patients with new diagnosed of latent autoimmune diabetes in adults. Autoimmunity, 2015, 48, 267-273.	2.6	17
49	The Controlled-Worm System Designwork. , 2011, , .		0