

Ye Wang

List of Publications by Year in descending order

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49
papers

1,616
citations

430874

18
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Heterostructure Engineering for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003689.	19.5	269
2	Low-Temperature Catalytic CO ₂ Dry Reforming of Methane on Ni-Si/ZrO ₂ Catalyst. <i>ACS Catalysis</i> , 2018, 8, 6495-6506.	11.2	220
3	A Universal Additive Strategy to Reshape Electrolyte Solvation Structure toward Reversible Zn Storage. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	155
4	Wide-bandgap organic-inorganic hybrid and all-inorganic perovskite solar cells and their application in all-perovskite tandem solar cells. <i>Energy and Environmental Science</i> , 2021, 14, 5723-5759.	30.8	114
5	Unveiling Roles of Tin Fluoride Additives in High-Efficiency Low-Bandgap Mixed Tin-Lead Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2101045.	19.5	101
6	3D printed rGO/CNT microlattice aerogel for a dendrite-free sodium metal anode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19843-19854.	10.3	82
7	Designing Advanced Aqueous Zinc-Ion Batteries: Principles, Strategies, and Perspectives. <i>Energy and Environmental Materials</i> , 2022, 5, 823-851.	12.8	69
8	3D-Printed Sodiophilic V ₂ CT _x /rGO-CNT MXene Microgrid Aerogel for Stable Na Metal Anode with High Areal Capacity. <i>ACS Nano</i> , 2022, 16, 9105-9116.	14.6	60
9	Porosity Engineering of MXene Membrane towards Polysulfide Inhibition and Fast Lithium Ion Transportation for Lithium-Sulfur Batteries. <i>Small</i> , 2021, 17, e2007442.	10.0	57
10	Chemical Diversity and Prediction of Potential Cultivation Areas of Cistanche Herbs. <i>Scientific Reports</i> , 2019, 9, 19737.	3.3	29
11	Superior uniform carbon nanofibers@g-C ₃ N ₄ core-shell nanostructures embedded by Au nanoparticles for high-efficiency photocatalyst. <i>Journal of Hazardous Materials</i> , 2020, 388, 121759.	12.4	24
12	A High Frequency of Peripheral Blood IL-22 ⁺ CD4 ⁺ T Cells in Patients With New Onset Type 2 Diabetes Mellitus. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 95-102.	2.1	23
13	Oncoprotein Tudor-SN is a key determinant providing survival advantage under DNA damaging stress. <i>Cell Death and Differentiation</i> , 2018, 25, 1625-1637.	11.2	23
14	Tungsten disulfide-reduced GO/CNT aerogel: a tuned interlayer spacing anode for efficient water desalination. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10758-10768.	10.3	22
15	Regulating Na deposition by constructing a Au sodiophilic interphase on CNT modified carbon cloth for flexible sodium metal anode. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 317-326.	9.4	22
16	Recent advances in carbon-shell-based nanostructures for advanced Li/Na metal batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6070-6088.	10.3	21
17	Suppression of Nonradiative Recombination by Vacuum-Assisted Process for Efficient Lead-Free Tin Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100135.	3.7	20
18	CO ₂ photoreduction to CO/CH ₄ over Bi ₂ WO ₆ Mo _{0.5} O ₆ solid solution nanotubes under visible light. <i>RSC Advances</i> , 2020, 10, 8821-8824.	3.6	19

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19	Low Complexity Hybrid Precoder Design for Millimeter Wave MIMO Systems. IEEE Communications Letters, 2019, 23, 1259-1262.	4.1	18
20	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
21	Rational construction of K _{0.5} V ₂ O ₅ nanobelts/CNTs flexible cathode for multi-functional potassium-ion batteries. Nanoscale, 2021, 13, 8199-8209.	5.6	17
22	Efficient wide-bandgap perovskite solar cells enabled by doping a bromine-rich molecule. Nanophotonics, 2021, 10, 2059-2068.	6.0	17
23	Hybrid Precoder and Combiner Design for Single-User mmWave MIMO Systems. IEEE Access, 2019, 7, 63818-63828.	4.2	16
24	Enantioselective Analysis and Degradation Studies of Four Stereoisomers of Difenoconazole in Citrus by Chiral Liquid Chromatography-Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2021, 69, 501-510.	5.2	15
25	ZIF-8-derived carbon-modified g-C ₃ N ₄ heterostructure with enhanced photocatalytic activity for dye degradation and hydrogen production. Dalton Transactions, 2021, 50, 17618-17624.	3.3	15
26	Polysulfide Regulation by Hypervalent Iodine Compounds for Durable and Sustainable Lithium-Sulfur Battery. Small, 2022, 18, e2106716.	10.0	14
27	Chirality transfer of cysteine to the plasmonic resonance region through silver coating of gold nanobipyramids. Chemical Communications, 2021, 57, 3211-3214.	4.1	13
28	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
29	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
30	Analog Precoding Designs for Millimeter Wave Communication Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 11733-11745.	6.3	11
31	Low Complexity Joint Hybrid Precoding Algorithm for Millimeter Wave MIMO Systems. IEEE Access, 2018, 6, 56423-56432.	4.2	10
32	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
33	Bagging and non-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
34	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
35	Progress on 3D-Printed Metal-Organic Frameworks with Hierarchical Structures. Advanced Materials Technologies, 2022, 7, .	5.8	10
36	Maturity and thermal evolution differences between two sets of Lower Palaeozoic shales and its significance for shale gas formation in south-western Sichuan Basin, China. Geological Journal, 2021, 56, 3698-3719.	1.3	8

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37	Vertically aligned 1T-phase PtSe ₂ on flexible carbon cloth for efficient and stable hydrogen evolution reaction. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9524-9531.	5.5	8
38	Effects of mineral oil spray additives on the distribution and dissipation kinetics of pyraclostrobin and azoxystrobin in banana leaves, fruits, and soil. <i>Biomedical Chromatography</i> , 2020, 34, e4745.	1.7	6
39	Determination of nitenpyram dissipation and residue in kiwifruit by LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 955-962.	2.3	6
40	Hybrid precoding for millimetre wave MIMO systems based on particle swarm optimisation. <i>IET Communications</i> , 2019, 13, 1643-1650.	2.2	5
41	Double active layer InZnO:N/InZnSnO thin film transistors with high mobility at low annealing temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1496-1499.	2.2	4
42	Hybrid precoding design for millimetre wave systems with the partially connected structure. <i>IET Communications</i> , 2020, 14, 561-567.	2.2	4
43	GhLBDs Promote Callus Initiation and Act as Selectable Markers to Increase Transformation Efficiency. <i>Frontiers in Plant Science</i> , 2022, 13, 861706.	3.6	4
44	Surface Plasmon Resonance Properties of Silver Nanocrystal Superlattices Spaced by Polystyrene Ligands. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4948-4958.	3.1	3
45	Acceleration of Gas Reservoir Simulation Using Proper Orthogonal Decomposition. <i>Geofluids</i> , 2018, 2018, 1-15.	0.7	2
46	The activation of methane by Ni-Cu/MoOx for the synthesis of ethanol. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	2
47	Alternate hybrid precoding algorithm for wideband millimetre wave massive MIMO systems. <i>IET Communications</i> , 2020, 14, 1261-1267.	2.2	1
48	The Controlled-Worm System Designwork. , 2011, , .		0
49	Investigation on electrical characteristics of amorphous InZnSnMgO thin film transistors deposited at room-temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20551-20555.	2.2	0