Xinli Guo

List of Publications by Year
in descending order

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51 papers	2,437 citations	236925 25 h-index	197818 49 g-index
51 all docs	51 docs citations	51 times ranked	2401 citing authors

#	Article	IF	Citations
1	Plasma-Tuned nitrogen vacancy graphitic carbon nitride sphere for efficient photocatalytic H2O2 production. Journal of Colloid and Interface Science, 2022, 609, 75-85.	9.4	22
2	Self-Assembly of Ni-Doped Co-MOF Spherical Shell Electrode for a High-Performance Supercapacitor. Energy & Fuels, 2022, 36, 1716-1725.	5.1	39
3	Synthesis of g-C3N4 microrods with superficial C, N dual vacancies for enhanced photocatalytic organic pollutant removal and H2O2 production. Journal of Alloys and Compounds, 2022, 904, 164028.	5.5	22
4	Plasma-induced hierarchical amorphous carbon nitride nanostructure with two N2 C-site vacancies for photocatalytic H2O2 production. Applied Catalysis B: Environmental, 2022, 311, 121372.	20.2	54
5	In-situ microwave synthesis of metal-organic framework-derived mesoporous polymorphic CoSe2@N-doped carbon for supercapacitor applications. Materials Chemistry and Physics, 2022, 287, 126311.	4.0	6
6	High performance Ni3S2/3D graphene/nickel foam composite electrode for supercapacitor applications. Materials Chemistry and Physics, 2021, 257, 123769.	4.0	16
7	High performance Bi2O2CO3/rGO electrode material for asymmetric solid-state supercapacitor application. Journal of Alloys and Compounds, 2021, 855, 157394.	5.5	24
8	Rapid Microwave Synthesis of Mesoporous Oxygen-Doped g-C₃N₄ with Carbon Vacancies for Efficient Photocatalytic H₂O₂ Production. ACS Sustainable Chemistry and Engineering, 2021, 9, 6788-6798.	6.7	71
9	Construction of high-performance asymmetric supercapacitor based on the hierarchical Ni3S2/CoFe LDH/Ni foam hybrid. Applied Surface Science, 2021, 561, 150049.	6.1	24
10	High-Performance Nickel Cobalt Hydroxide Nanosheets/Graphene/Ni foam Composite Electrode for Supercapacitor Applications. Journal of Electroanalytical Chemistry, 2021, 897, 115543.	3.8	13
11	In-situ construction of morphology-controllable 0D/1D g-C3N4 homojunction with enhanced photocatalytic activity. Applied Surface Science, 2021, 563, 150317.	6.1	24
12	Graphene-Carbon nanotube @ cobalt derivatives from ZIF-67 for All-Solid-State asymmetric supercapacitor. Applied Surface Science, 2021, 568, 150929.	6.1	20
13	Template-free preparation of non-metal (B, P, S) doped g-C3N4 tubes with enhanced photocatalytic H2O2 generation. Journal of Materials Science and Technology, 2021, 95, 127-135.	10.7	41
14	An intensive review on the role of graphene oxide in cement-based materials. Construction and Building Materials, 2020, 241, 117939.	7.2	124
15	Sulfur-doped g-C3N4/rGO porous nanosheets for highly efficient photocatalytic degradation of refractory contaminants. Journal of Materials Science and Technology, 2020, 41, 117-126.	10.7	220
16	S, Na Co-Doped Graphitic Carbon Nitride/Reduced Graphene Oxide Hollow Mesoporous Spheres for Photoelectrochemical Catalysis Application. ACS Applied Nano Materials, 2020, 3, 7982-7991.	5.0	21
17	Experimental and molecular dynamics studies on the durability of sustainable cement-based composites: Reinforced by graphene. Construction and Building Materials, 2020, 257, 119566.	7.2	27
18	Microwave-synthesis of g-C3N4 nanoribbons assembled seaweed-like architecture with enhanced photocatalytic property. Applied Catalysis B: Environmental, 2020, 266, 118624.	20.2	92

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19	Deep research about the mechanisms of graphene oxide (GO) aggregation in alkaline cement pore solution. Construction and Building Materials, 2020, 247, 118446.	7.2	39
20	Thickness-dependent frictional behavior of topological insulator Bi2Se3 nanoplates. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	2
21	One-step microwave-hydrothermal preparation of NiS/rGO hybrid for high-performance symmetric solid-state supercapacitor. Applied Surface Science, 2020, 514, 146080.	6.1	50
22	The IV period transition metal modified carbon@TiO2 nanoflower with high photo-electrochemical water oxidation performance under solar irradiation. Applied Surface Science, 2019, 493, 795-806.	6.1	1
23	Magnetic Mn-Doped Fe3O4 hollow Microsphere/RGO heterogeneous Photo-Fenton Catalyst for high efficiency degradation of organic pollutant at neutral pH. Materials Chemistry and Physics, 2019, 238, 121893.	4.0	29
24	Niâ€“Co Selenide Nanosheet/3D Graphene/Nickel Foam Binder-Free Electrode for High-Performance Supercapacitor. ACS Applied Materials & Interfaces, 2019, 11, 7946-7953.	8.0	120
25	A Brief Review of the Shape Memory Phenomena in Polymers and Their Typical Sensor Applications. Polymers, 2019, 11, 1049.	4.5	48
26	Fabrication of multilayered MoS2 coated raspberry-like TiO2 on rGO with enhanced photocatalytic reduction of Cr(VI). Journal of Materials Science: Materials in Electronics, 2019, 30, 12901-12910.	2.2	9
27	Facile preparation of graphene nanowalls/EVA hybrid film for ultraflexible transparent electrodes. Journal of Solid State Electrochemistry, 2019, 23, 1473-1480.	2.5	2
28	Growth of graphene/Ag nanowire/graphene sandwich films for transparent touch-sensitive electrodes. Materials Chemistry and Physics, 2019, 221, 78-88.	4.0	8
29	Enhanced photocatalytic activity based on TiO₂ hollow hierarchical microspheres/reduced graphene hybrid. Materials Research Express, 2019, 6, 025909.	1.6	2
30	Direct growth of graphene on vertically standing glass by a metal-free chemical vapor deposition method. Journal of Materials Science and Technology, 2018, 34, 1919-1924.	10.7	20
31	High-performance Cu nanoparticles/three-dimensional graphene/Ni foam hybrid for catalytic and sensing applications. Nanotechnology, 2018, 29, 145703.	2.6	16
32	Oxygen vacancies mediated ferromagnetism in hydrogenated Zn0.9Co0.1O film. AIP Advances, 2018, 8, .	1.3	6
33	SnO₂ nanorods encapsulated within a 3D interconnected graphene network architecture as high-performance lithium-ion battery anodes. Sustainable Energy and Fuels, 2018, 2, 262-270.	4.9	12
34	Investigation of dispersion behavior of GO modified by different water reducing agents in cement pore solution. Carbon, 2018, 127, 255-269.	10.3	118
35	Hydration kinetics, pore structure, 3D network calcium silicate hydrate, and mechanical behavior of graphene oxide reinforced cement composites. Construction and Building Materials, 2018, 190, 150-163.	7.2	90
36	Inâ€“situ hybridization of polyaniline nanofibers on functionalized reduced graphene oxide films for high-performance supercapacitor. Electrochimica Acta, 2018, 285, 221-229.	5.2	54

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37	N/S co-doped three-dimensional graphene hydrogel for high performance supercapacitor. Electrochimica Acta, 2018, 278, 51-60.	5.2	136
38	Toward advanced sodium-ion batteries: a wheel-inspired yolkâ€“shell design for large-volume-change anode materials. Journal of Materials Chemistry A, 2018, 6, 13153-13163.	10.3	30
39	Mechanical behavior and toughening mechanism of polycarboxylate superplasticizer modified graphene oxide reinforced cement composites. Composites Part B: Engineering, 2017, 113, 308-316.	12.0	182
40	Carbon-coated Li₄Ti₅O₁₂â€“TiO₂ microspheres as anode materials for lithium ion batteries. Surface Engineering, 2017, 33, 559-566.	2.2	15
41	Fabrication of Li4Ti5O12-TiO2 Nanosheets with Structural Defects as High-Rate and Long-Life Anodes for Lithium-Ion Batteries. Scientific Reports, 2017, 7, 2960.	3.3	54
42	Porous graphene paper for supercapacitor applications. Journal of Materials Science and Technology, 2017, 33, 793-799.	10.7	54
43	Synergistic effects of silica nanoparticles/polycarboxylate superplasticizer modified graphene oxide on mechanical behavior and hydration process of cement composites. RSC Advances, 2017, 7, 16688-16702.	3.6	99
44	Au nanoparticles decorated graphene/nickel foam nanocomposite for sensitive detection of hydrogen peroxide. Journal of Materials Science and Technology, 2017, 33, 246-250.	10.7	25
45	Modulating Mn4+ Ions and Oxygen Vacancies in Nonstoichiometric LaMnO3 Perovskite by a Facile Sol-Gel Method as High-Performance Supercapacitor Electrodes. Electrochimica Acta, 2017, 253, 422-429.	5.2	91
46	An investigation into the dynamic indentation response of metallic materials. Journal of Materials Science, 2016, 51, 8310-8322.	3.7	16
47	Investigation of the effectiveness of PC@GO on the reinforcement for cement composites. Construction and Building Materials, 2016, 113, 470-478.	7.2	116
48	Room temperature ferromagnetic Zn_{0.98}Co_{0.02}O powders with improved visible-light photocatalysis. RSC Advances, 2016, 6, 6761-6767.	3.6	9
49	Graphene Mode-Locked Fiber Laser at 2.8 <inline-formula> <tex-math notation="LaTeX">$mu ext{m}$ </tex-math></inline-formula>. IEEE Photonics Technology Letters, 2016, 28, 7-10.	2.5	119
50	Ferroelectric and piezoelectric properties of Ba(Ti0.89Sn0.11)O3 thin films prepared by solâ€“gel method. Chemical Physics Letters, 2015, 638, 168-172.	2.6	5
51	Au/ITO dual-layer-coated optical fiber probe for multifunctional scanning tunneling microscopy. Nanotechnology, 2010, 21, 045204.	2.6	0