

Ning Wang

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,314
citations

201674

27
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243625

44
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all docs

47
docs citations

47
times ranked

2608
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Growth and Self-Assembly of Multiscale Organic Semiconductor. <i>Advanced Materials</i> , 2022, 34, e2102811.	21.0	24
2	Bimetallic metal-organic frameworks for tumor inhibition via combined photothermal-immunotherapy. <i>Chemical Communications</i> , 2022, , .	4.1	4
3	Facile Synthesis of Water-Soluble Rhodamine-Based Polymeric Chemosensors via Schiff Base Reaction for Fe ³⁺ Detection and Living Cell Imaging. <i>Frontiers in Chemistry</i> , 2022, 10, 845627.	3.6	13
4	Acetylenic bond-driven efficient hydrogen production of a graphdiyne based catalyst. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2247-2254.	5.9	21
5	Vaccine Nanoparticles Derived from Mung Beans for Cancer Immunotherapy. <i>Chemistry of Materials</i> , 2021, 33, 4057-4066.	6.7	10
6	Porous 3D Silicon-Diamondyne Blooms Excellent Storage and Diffusion Properties for Li, Na, and K Ions. <i>Advanced Energy Materials</i> , 2021, 11, 2101197.	19.5	35
7	Preparation of triphenyl-amine graphdiyne with concomitant assembled morphology and its application for lithium-ion storage. <i>2D Materials</i> , 2021, 8, 044005.	4.4	7
8	Nitrogen substituted graphdiyne as electrode for high-performance lithium-ion batteries and capacitors. <i>2D Materials</i> , 2021, 8, 044013.	4.4	5
9	Encapsulation of Enzymes in Metal-Phenolic Network Capsules for the Trigger of Intracellular Cascade Reactions. <i>Langmuir</i> , 2021, 37, 11292-11300.	3.5	12
10	Self-adjuvanting photosensitizer nanoparticles for combination photodynamic immunotherapy. <i>Biomaterials Science</i> , 2021, 9, 6940-6949.	5.4	9
11	Diffusion Kinetics Study of Lithium Ion in the Graphdiyne Based Electrode. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1289-1295.	2.6	6
12	Pyridinic nitrogen exclusively doped carbon materials as efficient oxygen reduction electrocatalysts for Zn-air batteries. <i>Applied Catalysis B: Environmental</i> , 2020, 261, 118234.	20.2	135
13	Research on the Preparation of Graphdiyne and Its Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 569-583.	3.3	42
14	ESP-ALIE Analysis as a Theoretical Tool for Identifying the Coordination Atoms of Possible Multisite Extractants: Validation and Prediction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14353-14364.	6.7	7
15	Tuning the Properties of Graphdiyne by Introducing Electron-Withdrawing/Donating Groups. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13542-13546.	13.8	59
16	One-Step Preparation of Highly Durable Superhydrophobic Carbon Nanothorn Arrays. <i>Small</i> , 2020, 16, e1907013.	10.0	19
17	Tuning the Properties of Graphdiyne by Introducing Electron-Withdrawing/Donating Groups. <i>Angewandte Chemie</i> , 2020, 132, 13644-13648.	2.0	21
18	Induced Ferromagnetic Order of Graphdiyne Semiconductors by Introducing a Heteroatom. <i>ACS Central Science</i> , 2020, 6, 950-958.	11.3	38

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19	Designing the efficient lithium diffusion and storage channels based on graphdiyne. Carbon, 2020, 162, 579-585.	10.3	26
20	Frontispiece: Research on the Preparation of Graphdiyne and Its Derivatives. Chemistry - A European Journal, 2020, 26, .	3.3	1
21	Precise and controllable N/C ratio in graphdiyne for superior Li and Na ions storage capacities. 2D Materials, 2020, 7, 025032.	4.4	23
22	Electrochemical Energy Storage: Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage (Adv. Mater. 42/2019). Advanced Materials, 2019, 31, 1970300.	21.0	20
23	Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage. Advanced Materials, 2019, 31, e1803202.	21.0	136
24	Fluorine-Enriched Graphdiyne as an Efficient Anode in Lithium-Ion Capacitors. ChemSusChem, 2019, 12, 1342-1348.	6.8	40
25	Robust C-S bond integrated graphdiyne-MoS ₂ nanohybrids for enhanced lithium storage capability. Chemical Engineering Journal, 2019, 373, 660-667.	12.7	50
26	Preparation and structure study of phosphorus-doped porous graphdiyne and its efficient lithium storage application. 2D Materials, 2019, 6, 035020.	4.4	52
27	Recovery of Au(III) from Acidic Chloride Media by Homogenous Liquid-Liquid Extraction with UCST-Type Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2019, 7, 19975-19983.	6.7	29
28	Graphdiyne-Doped P3CT-K as an Efficient Hole-Transport Layer for MAPbI ₃ Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 2626-2631.	8.0	61
29	Synthesis and Electronic Structure of Boron-Graphdiyne with an sp ² -Hybridized Carbon Skeleton and Its Application in Sodium Storage. Angewandte Chemie - International Edition, 2018, 57, 3968-3973.	13.8	166
30	Improved electron transport in MAPbI ₃ perovskite solar cells based on dual doping graphdiyne. Nano Energy, 2018, 46, 331-337.	16.0	135
31	<i>In situ</i> growth of graphdiyne on arbitrary substrates with a controlled-release method. Chemical Communications, 2018, 54, 6004-6007.	4.1	58
32	Construction of Large-Area Uniform Graphdiyne Film for High-Performance Lithium-Ion Batteries. Chemistry - A European Journal, 2018, 24, 1187-1192.	3.3	58
33	Triazine-graphdiyne: A new nitrogen-carbonous material and its application as an advanced rechargeable battery anode. Carbon, 2018, 137, 442-450.	10.3	64
34	Nitrogen-Doped Graphdiyne as High-Capacity Electrode Materials for Both Lithium-Ion and Sodium-Ion Capacitors. ChemElectroChem, 2018, 5, 1435-1443.	3.4	46
35	Progress in Research into 2D Graphdiyne-Based Materials. Chemical Reviews, 2018, 118, 7744-7803.	47.7	745
36	Fluoride graphdiyne as a free-standing electrode displaying ultra-stable and extraordinary high Li storage performance. Energy and Environmental Science, 2018, 11, 2893-2903.	30.8	146

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37	Preparation of room-temperature ferromagnetic semiconductor based on graphdiyne-transition metal hybrid. <i>2D Materials</i> , 2018, 5, 035039.	4.4	28
38	Preparation of 3D Architecture Graphdiyne Nanosheets for High-Performance Sodium-Ion Batteries and Capacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40604-40613.	8.0	91
39	Hydrogen substituted graphdiyne as carbon-rich flexible electrode for lithium and sodium ion batteries. <i>Nature Communications</i> , 2017, 8, 1172.	12.8	357
40	Enhanced paramagnetism of mesoscopic graphdiyne by doping with nitrogen. <i>Scientific Reports</i> , 2017, 7, 11535.	3.3	54
41	Synthesis of Chlorine-Substituted Graphdiyne and Applications for Lithium-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10740-10745.	13.8	206
42	Nitrogen-Doped Porous Graphdiyne: A Highly Efficient Metal-Free Electrocatalyst for Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29744-29752.	8.0	166
43	A New Class of Conjugated Polymers Having Porphyrin, Poly(p-phenylenevinylene), and Fullerene Units for Efficient Electron Transfer. <i>Macromolecules</i> , 2006, 39, 5319-5325.	4.8	49
44	Synthesis and Characterization of 3,5-Bis(2-hydroxyphenyl)-1,2,4-triazole Functionalized Tetraaryloxy Perylene Bisimide and Metal-Directed Self-Assembly. <i>Journal of Organic Chemistry</i> , 2005, 70, 9686-9692.	3.2	38