

Chunfeng Xue

List of Publications by Year in descending order

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39
papers

1,261
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430442

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360668

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41
docs citations

41
times ranked

1966
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of mesoporous carbon nitrides using the incipient wetness method and the application as hydrogen adsorbent. <i>Journal of Materials Chemistry</i> , 2011, 21, 10801.	6.7	172
2	Evaporation-Induced Coating and Self-Assembly of Ordered Mesoporous Carbon-Silica Composite Monoliths with Macroporous Architecture on Polyurethane Foams. <i>Advanced Functional Materials</i> , 2008, 18, 3914-3921.	7.8	117
3	Controllable Synthesis of NiCo LDH Nanosheets for Fabrication of High-Performance Supercapacitor Electrodes. <i>Electroanalysis</i> , 2017, 29, 1286-1293.	1.5	95
4	B-site Mo-doped perovskite $\text{Pr}_{0.4}\text{Sr}_{0.6}(\text{Co}_{0.2}\text{Fe}_{0.8})_{1-x}\text{Mo}_x\text{O}_3$ ($x=0, 0.05, 0.1$ and 0.2) as electrode for symmetrical solid oxide fuel cell. <i>Journal of Power Sources</i> , 2015, 276, 347-356.	4.0	94
5	Kilogram-scale synthesis of ordered mesoporous carbons and their electrochemical performance. <i>Carbon</i> , 2011, 49, 4580-4588.	5.4	88
6	Facile fabrication of hierarchically porous carbonaceous monoliths with ordered mesostructure via an organic organic self-assembly. <i>Nano Research</i> , 2009, 2, 242-253.	5.8	75
7	Formation Mechanism of Cubic Mesoporous Carbon Monolith Synthesized by Evaporation-Induced Self-assembly. <i>Chemistry of Materials</i> , 2012, 24, 383-392.	3.2	62
8	Hierarchically Porous Silica with Ordered Mesostructure from Confinement Self-Assembly in Skeleton Scaffolds. <i>Chemistry of Materials</i> , 2010, 22, 494-503.	3.2	59
9	Simultaneous separation of iodide and cesium ions from dilute wastewater based on PPy/PTCF and NiHCF/PTCF electrodes using electrochemically switched ion exchange method. <i>Separation and Purification Technology</i> , 2015, 139, 63-69.	3.9	50
10	Facile preparation of electroactive amorphous ZrP/PANI hybrid film for potential-triggered adsorption of Pb^{2+} ions. <i>Journal of Hazardous Materials</i> , 2015, 289, 91-100.	6.5	42
11	Acid-free synthesis of oxygen-enriched electroactive carbon with unique square pores from salted seaweed for robust supercapacitor with attractive energy density. <i>Green Chemistry</i> , 2018, 20, 4983-4994.	4.6	41
12	Evaluation of performances of solid oxide fuel cells with symmetrical electrode material. <i>Journal of Power Sources</i> , 2014, 266, 241-249.	4.0	31
13	Nanosized graphitic carbon with balanced micro/mesoporosity for robust supercapacitor with superior volumetric capacitance and cyclic performance. <i>Electrochimica Acta</i> , 2018, 271, 406-416.	2.6	25
14	Free-Standing Mesoporous Silica/Carbon Composite Films with Crystalline Silica Wall from Ethylene-Bridged Organosilane. <i>Chemistry of Materials</i> , 2010, 22, 18-26.	3.2	23
15	Vapor assisted <i>in situ</i> transformation of mesoporous carbon-silica composite for hierarchically porous zeolites. <i>Microporous and Mesoporous Materials</i> , 2012, 151, 495-500.	2.2	20
16	Hollow micro-mesoporous carbon polyhedra produced by selective removal of skeletal scaffolds. <i>Carbon</i> , 2012, 50, 2546-2555.	5.4	19
17	Copper oxide activation of soft-templated mesoporous carbons and their electrochemical properties for capacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 1547-1555.	6.7	18
18	Performance assessment of $\text{Bi}_{0.3}\text{Sr}_{0.7}\text{Co}_{0.3}\text{Fe}_{0.7}\text{O}_{3-\delta}$ -LSCF composite as cathode for intermediate-temperature solid oxide fuel cells with $\text{La}_{0.8}\text{Sr}_{0.2}\text{Ga}_{0.8}\text{Mg}_{0.2}\text{O}_{3-\delta}$ electrolyte. <i>Journal of Power Sources</i> , 2015, 298, 269-279.	4.0	18

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19	Unique allosteric effect-driven rapid adsorption of carbon dioxide in a newly designed ionogel [P ₄₄₄₄][2-Op]@MCM-41 with excellent cyclic stability and loading-dependent capacity. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6504-6514.	5.2	18
20	Pyridine-containing ionic liquids lowly loaded in large mesoporous silica and their rapid CO ₂ gas adsorption at low partial pressure. <i>Journal of CO₂ Utilization</i> , 2019, 34, 282-292.	3.3	18
21	Mo doped Pr _{0.4} Sr _{0.6} Co _{0.2} Fe _{0.8} O _{3-δ} cathode material with high catalytic activity for intermediate-temperature solid oxide fuel cells. <i>Electrochimica Acta</i> , 2014, 146, 591-597.	2.6	17
22	Zeolite cage-lock strategy for in situ synthesis of highly nitrogen-doped porous carbon for selective adsorption of carbon dioxide gas. <i>RSC Advances</i> , 2017, 7, 24195-24203.	1.7	16
23	Controllable preparation of green biochar based high-performance supercapacitors. <i>Ionics</i> , 2022, 28, 2525-2561.	1.2	14
24	Silicalite-1 monolith with vertically aligned mesopores templated from carbon nanotube array. <i>Materials Letters</i> , 2015, 154, 55-59.	1.3	13
25	Large uniform copper 1,3,5-benzenetricarboxylate metal-organic-framework particles from slurry crystallization and their outstanding CO ₂ gas adsorption capacity. <i>Microporous and Mesoporous Materials</i> , 2018, 264, 190-197.	2.2	13
26	Novel layered calcosilicate-immobilized iron-based diimine catalyst for ethylene polymerization. <i>European Polymer Journal</i> , 2006, 42, 203-208.	2.6	12
27	Porous manganese dioxide film built from arborization-like nanoclusters and its superior electrochemical supercapacitance with attractive cyclic stability. <i>Electrochimica Acta</i> , 2019, 296, 94-101.	2.6	12
28	Facile Preparation of Zirconium Phosphate/Polyaniline Hybrid Film for Detecting Potassium Ion in a Wide Linear Range. <i>Electroanalysis</i> , 2014, 26, 416-423.	1.5	11
29	Fluorine-free synthesis of large ZSM-39 crystals incorporated with alkaline earth metals in an environment-friendly system. <i>Materials Letters</i> , 2013, 112, 200-202.	1.3	10
30	Direct synthesis of alkaline earth metal Ca incorporated KHSi ₂ O ₅ layered silicate. <i>Materials Letters</i> , 2015, 161, 530-533.	1.3	9
31	Encapsulated HKUST-1 nanocrystal with enhanced vapor stability and its CO ₂ adsorption at low partial pressure in unitary and binary systems. <i>Journal of CO₂ Utilization</i> , 2020, 36, 1-8.	3.3	8
32	Flexible all-solid-state supercapacitor based on polyhedron C-ZIF-8/PANI composite synthesized by unipolar pulse electrodeposition method. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 777-787.	1.2	8
33	From salt-filled ZIF-8 to open-door nanoporous carbon with optimized pore system for electrochemical supercapacitor with enhanced energy density. <i>Journal of Energy Storage</i> , 2022, 51, 104421.	3.9	7
34	Mechanisms of methane decomposition and carbon species oxidation on the Pr _{0.42} Sr _{0.6} Co _{0.2} Fe _{0.7} Nb _{0.1} O _{3-δ} electrode with high catalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22816-22823.	5.2	6
35	High and fast carbon dioxide capture of hydroxypyridine-based ionogel depending on pore structure of mesoporous silica vesicle in the simulated flue gas. <i>International Journal of Greenhouse Gas Control</i> , 2019, 84, 111-120.	2.3	6
36	Dual copper source strategy for green synthesizing high quality MOF-199 with zero discharge and its CO ₂ gas adsorption. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111510.	2.2	5

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37	Alkali-Induced Self-Transferring Byproduct Strategy for Strengthening Sustainable Synthesis of MOF-199 Without Waste Discharge. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17945-17955.	3.2	4
38	Confined Growth of Silicalite-1 Nanocrystals by Ethylenediamine-Induced Immobilization of Loaded Silica in Thermo-Shrinkable Carbonaceous Templates. <i>Advanced Porous Materials</i> , 2013, 1, 294-303.	0.3	1
39	Investigation on Nickel(II) Removal Behavior and Formation Mechanism of ZrO_2-Zirconium Phosphate/Polyaniline Hybrid Films Electrochemically Deposited in Acetonitrile and Aqueous Solution. <i>Advanced Porous Materials</i> , 2015, 3, 21-28.	0.3	0