Chunfeng Xue

List of Publications by Year
in descending order

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39 papers	1,261 citations	430874 18 h-index	345221 36 g-index
41 all docs	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. Journal of Materials Chemistry, 2011, 21, 10801.	6.7	172
2	Evaporationâ€Induced Coating and Selfâ€Assembly of Ordered Mesoporous Carbonâ€Silica Composite Monoliths with Macroporous Architecture on Polyurethane Foams. Advanced Functional Materials, 2008, 18, 3914-3921.	14.9	117
3	Controllable Synthesis of NiCo LDH Nanosheets for Fabrication of Highâ€Performance Supercapacitor Electrodes. Electroanalysis, 2017, 29, 1286-1293.	2.9	95
4	B-site Mo-doped perovskite Pr0.4Sr0.6 (Co0.2Fe0.8)1â^'Mo O3â^' (xÂ=Â0, 0.05, 0.1 and 0.2) as electrode for symmetrical solid oxide fuel cell. Journal of Power Sources, 2015, 276, 347-356.	7.8	94
5	Kilogram-scale synthesis of ordered mesoporous carbons and their electrochemical performance. Carbon, 2011, 49, 4580-4588.	10.3	88
6	Facile fabrication of hierarchically porous carbonaceous monoliths with ordered mesostructure via an organic organic self-assembly. Nano Research, 2009, 2, 242-253.	10.4	75
7	Formation Mechanism of Cubic Mesoporous Carbon Monolith Synthesized by Evaporation-Induced Self-assembly. Chemistry of Materials, 2012, 24, 383-392.	6.7	62
8	Hierarchically Porous Silica with Ordered Mesostructure from Confinement Self-Assembly in Skeleton Scaffolds. Chemistry of Materials, 2010, 22, 494-503.	6.7	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. Separation and Purification Technology, 2015, 139, 63-69.	7.9	50
10	Facile preparation of electroactive amorphous Î±-ZrP/PANI hybrid film for potential-triggered adsorption of Pb 2+ ions. Journal of Hazardous Materials, 2015, 289, 91-100.	12.4	42
11	Acid-free synthesis of oxygen-enriched electroactive carbon with unique square pores from salted seaweed for robust supercapacitor with attractive energy density. Green Chemistry, 2018, 20, 4983-4994.	9.0	41
12	Evaluation of performances of solid oxide fuel cells with symmetrical electrode material. Journal of Power Sources, 2014, 266, 241-249.	7.8	31
13	Nanosized graphitic carbon with balanced micro/mesoporosity for robust supercapacitor with superior volumetric capacitance and cyclic performance. Electrochimica Acta, 2018, 271, 406-416.	5.2	25
14	Free-Standing Mesoporous Silica/Carbon Composite Films with Crystalline Silica Wall from Ethylene-Bridged Organosilane. Chemistry of Materials, 2010, 22, 18-26.	6.7	23
15	Vapor assisted â€œin situâ€•transformation of mesoporous carbonâ€“silica composite for hierarchically porous zeolites. Microporous and Mesoporous Materials, 2012, 151, 495-500.	4.4	20
16	Hollow micro-mesoporous carbon polyhedra produced by selective removal of skeletal scaffolds. Carbon, 2012, 50, 2546-2555.	10.3	19
17	Copper oxide activation of soft-templated mesoporous carbons and their electrochemical properties for capacitors. Journal of Materials Chemistry, 2012, 22, 1547-1555.	6.7	18
18	Performance assessment of Bi0.3Sr0.7Co0.3Fe0.7O3â^'Î´-LSCF composite as cathode for intermediate-temperature solid oxide fuel cells with La0.8Sr0.2Ga0.8Mg0.2O3â^'Î´ electrolyte. Journal of Power Sources, 2015, 298, 269-279.	7.8	18

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19	Unique allosteric effect-driven rapid adsorption of carbon dioxide in a newly designed ionogel [P₄₄₄₄][2-Op]@MCM-41 with excellent cyclic stability and loading-dependent capacity. Journal of Materials Chemistry A, 2017, 5, 6504-6514.	10.3	18
20	Pyridine-containing ionic liquids lowly loaded in large mesoporous silica and their rapid CO2 gas adsorption at low partial pressure. Journal of CO2 Utilization, 2019, 34, 282-292.	6.8	18
21	Mo doped Pr 0.4 Sr 0.6 Co 0.2 Fe 0.8 O 3-Î´ cathode material with high catalytic activity for intermediate-temperature solid oxide fuel cells. Electrochimica Acta, 2014, 146, 591-597.	5.2	17
22	Zeolite cage-lock strategy for in situ synthesis of highly nitrogen-doped porous carbon for selective adsorption of carbon dioxide gas. RSC Advances, 2017, 7, 24195-24203.	3.6	16
23	Controllable preparation of green biochar based high-performance supercapacitors. Ionics, 2022, 28, 2525-2561.	2.4	14
24	Silicalite-1 monolith with vertically aligned mesopores templated from carbon nanotube array. Materials Letters, 2015, 154, 55-59.	2.6	13
25	Large uniform copper 1,3,5-benzenetricarboxylate metal-organic-framework particles from slurry crystallization and their outstanding CO 2 gas adsorption capacity. Microporous and Mesoporous Materials, 2018, 264, 190-197.	4.4	13
26	Novel layered calcosilicate-immobilized iron-based diimine catalyst for ethylene polymerization. European Polymer Journal, 2006, 42, 203-208.	5.4	12
27	Porous manganese dioxide film built from arborization-like nanoclusters and its superior electrochemical supercapacitance with attractive cyclic stability. Electrochimica Acta, 2019, 296, 94-101.	5.2	12
28	Facile Preparation of Î±â€Zirconium Phosphate/Polyaniline Hybrid Film for Detecting Potassium Ion in a Wide Linear Range. Electroanalysis, 2014, 26, 416-423.	2.9	11
29	Fluorine-free synthesis of large ZSM-39 crystals incorporated with alkaline earth metals in an environment-friendly system. Materials Letters, 2013, 112, 200-202.	2.6	10
30	Direct synthesis of alkaline earth metal Ca incorporated KHSi2O5 layered silicate. Materials Letters, 2015, 161, 530-533.	2.6	9
31	Encapsulated HKUST-1 nanocrystal with enhanced vapor stability and its CO2 adsorption at low partial pressure in unitary and binary systems. Journal of CO2 Utilization, 2020, 36, 1-8.	6.8	8
32	Flexible all-solid-state supercapacitor based on polyhedron C-ZIF-8/PANI composite synthesized by unipolar pulse electrodeposition method. Journal of Solid State Electrochemistry, 2021, 25, 777-787.	2.5	8
33	From salt-filled ZIF-8 to open-door nanoporous carbon with optimized pore system for electrochemical supercapacitor with enhanced energy density. Journal of Energy Storage, 2022, 51, 104421.	8.1	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_{3â^'Ïƒ} electrode with high catalytic activity. Journal of Materials Chemistry A, 2015, 3, 22816-22823.	10.3	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. International Journal of Greenhouse Gas Control, 2019, 84, 111-120.	4.6	6
36	Dual copper source strategy for green synthesizing high quality MOF-199 with zero discharge and its CO2 gas adsorption. Microporous and Mesoporous Materials, 2021, 328, 111510.	4.4	5

#	Article	IF	Citations
37	Alkali-Induced Self-Transferring Byproduct Strategy for Strengthening Sustainable Synthesis of MOF-199 Without Waste Discharge. ACS Sustainable Chemistry and Engineering, 2020, 8, 17945-17955.	6.7	4
38	Confined Growth of Silicalite-1 Nanocrystals by Ethylenediamine-Induced Immobilization of Loaded Silica in Thermo-Shrinkable Carbonaceous Templates. Advanced Porous Materials, 2013, 1, 294-303.	0.3	1
39	Investigation on Nickel(II) Removal Behavior and Formation Mechanism of <I>Î±</I>-Zirconium Phosphate/Polyaniline Hybrid Films Electrochemically Deposited in Acetonitrile and Aqueous Solution. Advanced Porous Materials, 2015, 3, 21-28.	0.3	0