

Joanna Gã³rka

List of Publications by Year in descending order

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29
papers

1,584
citations

430442

18
h-index

525886

27
g-index

29
all docs

29
docs citations

29
times ranked

2492
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights on the Na ⁺ ion storage mechanism in hard carbon: Discrimination between the porosity, surface functional groups and defects. <i>Nano Energy</i> , 2018, 44, 327-335.	8.2	229
2	Amidoxime-modified mesoporous silica for uranium adsorption under seawater conditions. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11650-11659.	5.2	177
3	KOH activation of mesoporous carbons obtained by soft-templating. <i>Carbon</i> , 2008, 46, 1159-1161.	5.4	168
4	Sonochemical functionalization of mesoporous carbon for uranium extraction from seawater. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3016.	5.2	132
5	Hierarchically porous phenolic resin-based carbons obtained by block copolymer-colloidal silica templating and post-synthesis activation with carbon dioxide and water vapor. <i>Carbon</i> , 2011, 49, 154-160.	5.4	119
6	Enhanced CO ₂ /N ₂ selectivity in amidoxime-modified porous carbon. <i>Carbon</i> , 2014, 67, 457-464.	5.4	92
7	AlSb thin films as negative electrodes for Li-ion and Na-ion batteries. <i>Journal of Power Sources</i> , 2013, 243, 699-705.	4.0	89
8	Mesoporous metal organic framework“boehmite and silica composites. <i>Chemical Communications</i> , 2010, 46, 6798.	2.2	74
9	Recent Progress in Design of Biomass-Derived Hard Carbons for Sodium Ion Batteries. <i>Journal of Carbon Research</i> , 2016, 2, 24.	1.4	53
10	Colloidal Silica Templating Synthesis of Carbonaceous Monoliths Assuring Formation of Uniform Spherical Mesopores and Incorporation of Inorganic Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 1069-1075.	3.2	52
11	Three-dimensional cubic (Im3m) periodic mesoporous organosilicas with benzene- and thiophene-bridging groups. <i>Journal of Materials Chemistry</i> , 2009, 19, 2076.	6.7	43
12	Synthesis and properties of mesoporous carbons with high loadings of inorganic species. <i>Carbon</i> , 2009, 47, 3034-3040.	5.4	42
13	Synthesis of mesoporous silica-tethered phosphonic acid sorbents for uranium species from aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 1-8.	2.3	39
14	Adsorption and structural properties of soft-templated mesoporous carbons obtained by carbonization at different temperatures and KOH activation. <i>Applied Surface Science</i> , 2010, 256, 5187-5190.	3.1	38
15	Predictions of particle size and lattice diffusion pathway requirements for sodium-ion anodes using Î-Cu ₆ Sn ₅ thin films as a model system. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10885.	1.3	38
16	Mesoporous carbons synthesized by soft-templating method: Determination of pore size distribution from argon and nitrogen adsorption isotherms. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 573-579.	2.2	36
17	Tailoring Adsorption and Framework Properties of Mesoporous Polymeric Composites and Carbons by Addition of Organosilanes during Soft-Templating Synthesis. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6298-6303.	1.5	28
18	The electrochemical reactions of SnO ₂ with Li and Na: A study using thin films and mesoporous carbons. <i>Journal of Power Sources</i> , 2015, 284, 1-9.	4.0	27

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19	Soft-templating synthesis of ordered mesoporous carbons in the presence of tetraethyl orthosilicate and silver salt. <i>Microporous and Mesoporous Materials</i> , 2012, 156, 121-126.	2.2	19
20	Impact of Pore Size on the Sorption of Uranyl under Seawater Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4339-4343.	1.8	18
21	Development of Microporosity in Mesoporous Carbons. <i>Topics in Catalysis</i> , 2010, 53, 283-290.	1.3	16
22	Adsorption properties of phenolic resin-based mesoporous carbons obtained by using mixed templates of Pluronic F127 and Brij 58 or Brij 78 polymers. <i>Adsorption</i> , 2010, 16, 377-383.	1.4	13
23	Polymer-templated mesoporous carbons with nickel nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 362, 20-27.	2.3	13
24	Soft-templating synthesis and adsorption properties of mesoporous carbons with embedded silver nanoparticles. <i>Adsorption</i> , 2011, 17, 461-466.	1.4	13
25	Ordered mesoporous carbon/±-alumina nanosheet composites. <i>Nanoscale</i> , 2010, 2, 2868.	2.8	7
26	Synthesis and adsorption properties of colloid-imprinted mesoporous carbons using poly(vinylidene fluoride) (PVDF) as a template. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1000-1006.	1.4	6
27	Adsorption Properties of Micro-/Meso-Porous Carbons Obtained by Colloidal Templating and Post-Synthesis KOH Activation. <i>Adsorption Science and Technology</i> , 2011, 29, 457-465.	1.5	2
28	Adsorption by Soft-Templated Carbons. <i>Journal of Applied Polymer Science</i> , 2012, 105, 323-350.		1
29	SBA-15 TEMPLATING SYNTHESIS AND PROPERTIES OF PYRROLE-BASED ORDERED MESOPOROUS CARBONS. <i>Journal of Applied Polymer Science</i> , 2008, 108, 1000-1006.		0