

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	3,304 citations	22 h-index	32 g-index
32 ext. papers	3,608 ext. citations	9.4 avg, IF	5.01 L-index

#	Paper	IF	Citations
31	Chemoselective catalytic conversion of glycerol as a biorenewable source to valuable commodity chemicals. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 527-49	58.5	1330
30	Clay nanosheets for topical delivery of RNAi for sustained protection against plant viruses. <i>Nature Plants</i> , <b>2017</b> , 3, 16207	11.5	406
29	Transforming triglycerides and fatty acids into biofuels. <i>ChemSusChem</i> , <b>2009</b> , 2, 1109-19	8.3	198
28	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8459-8463	16.4	152
27	Removal efficiency of arsenate and phosphate from aqueous solution using layered double hydroxide materials: intercalation vs. precipitation. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4684		118
26	Catalytic Deoxygenation of Stearic Acid in a Continuous Reactor over a Mesoporous Carbon-Supported Pd Catalyst. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 3842-3845	4.1	117
25	Catalytic Deoxygenation of Stearic Acid and Palmitic Acid in Semibatch Mode. <i>Catalysis Letters</i> , <b>2009</b> , 130, 48-51	2.8	101
24	A general single-source route for the preparation of hollow nanoporous metal oxide structures. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 7048-51	16.4	99
23	Cubic CeO <sub>2</sub> nanoparticles as mirror-like scattering layers for efficient light harvesting in dye-sensitized solar cells. <i>Chemical Communications</i> , <b>2012</b> , 48, 7386-8	5.8	79
22	Diesel-like Hydrocarbons from Catalytic Deoxygenation of Stearic Acid over Supported Pd Nanoparticles on SBA-15 Catalysts. <i>Catalysis Letters</i> , <b>2010</b> , 134, 250-257	2.8	79
21	Preparation of porous composite ion-exchange membranes for desalination application. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 7401		71
20	Enhanced transcription and translation in clay hydrogel and implications for early life evolution. <i>Scientific Reports</i> , <b>2013</b> , 3, 3165	4.9	65
19	Synthesis of composite ion-exchange membranes and their electrochemical properties for desalination applications. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 4669		61
18	Cellular trafficking of low molecular weight heparin incorporated in layered double hydroxide nanoparticles in rat vascular smooth muscle cells. <i>Biomaterials</i> , <b>2011</b> , 32, 7234-40	15.6	55
17	Dipolar molecules as impellers achieving electric-field-stimulated release. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1450-1	16.4	53
16	The Influence of Inorganic Filler Particle Size on Composite Ion-Exchange Membranes for Desalination. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 15124-15132	3.8	52
15	Advances in Multicompartment Mesoporous Silica Micro/Nanoparticles for Theranostic Applications. <i>Annual Review of Chemical and Biomolecular Engineering</i> , <b>2018</b> , 9, 389-411	8.9	43

14	Antibody-targeted drug delivery to injured arteries using layered double hydroxide nanoparticles. <i>Advanced Healthcare Materials</i> , <b>2012</b> , 1, 669-73	10.1	36
13	Fe-USY zeolite catalyst for effective decomposition of nitrous oxide. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 7901-6	10.3	33
12	Construction of hollow mesoporous silica nanoreactors for enhanced photo-oxidations over Au-Pt catalysts. <i>National Science Review</i> , <b>2020</b> , 7, 1647-1655	10.8	29
11	The effects of aspect ratio of inorganic fillers on the structure and property of composite ion-exchange membranes. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 363, 431-9	9.3	29
10	Dumbbell-Shaped Bi-component Mesoporous Janus Solid Nanoparticles for Biphasic Interface Catalysis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8579-8583	3.6	23
9	Adsorption of Aromatic Compounds by Activated Carbon: Effects of Functional Groups and Molecular Size. <i>Adsorption Science and Technology</i> , <b>2002</b> , 20, 1-15	3.6	20
8	Controllable synthesis of concave cubic gold core-shell nanoparticles for plasmon-enhanced photon harvesting. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 449, 246-51	9.3	18
7	One-dimensional (1D) ZnO nanowires dye sensitized solar cell. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 333-8	1.3	12
6	Structural and morphological transformations of mesostructured titanium phosphate through hydrothermal treatment. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 316, 954-61	9.3	11
5	Co(3)(PO(4))(2)4H(2)O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, i67-i68		5
4	Polyethyleneimine-poly(ethylene glycol)-star-copolymers as efficient and biodegradable vectors for mammalian cell transfection. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 2137-46	5.4	3
3	Facile synthesis and characterization of potassium-doped MnO <sub>2</sub> nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 2011-5	1.3	3
2	A second polymorph with composition Co(3)(PO(4))(2)4H(2)O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, i69-i70		2
1	Synthesis and Hydrogen Storage Properties of Magnesium Nanoparticles with Core/Shell Structure. <i>Materials Science Forum</i> , <b>2012</b> , 736, 120-126	0.4	1