

Malay Pramanik

List of Publications by Year in descending order

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43
papers

1,718
citations

257450

24
h-index

276875

41
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all docs

44
docs citations

44
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Mesoporous Cobalt Phosphate with Crystallized Walls toward Highly Active Water Oxidation Electrocatalysts. <i>Small</i> , 2016, 12, 1709-1715.	10.0	153
2	A triazine functionalized porous organic polymer: excellent CO ₂ storage material and support for designing Pd nanocatalyst for C-C cross-coupling reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11642.	10.3	138
3	Mesoporous Iron Phosphonate Electrodes with Crystalline Frameworks for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2015, 27, 1082-1089.	6.7	138
4	Synthesis and Characterization of NiMoO ₄ Nanorods for Supercapacitor Application. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3694-3699.	2.0	103
5	Phosphonate-Derived Nanoporous Metal Phosphates and Their Superior Energy Storage Application. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9790-9797.	8.0	71
6	Phosphorus-Based Mesoporous Materials for Energy Storage and Conversion. <i>Joule</i> , 2018, 2, 2289-2306.	24.0	65
7	Two-dimensional mesoporous vanadium phosphate nanosheets through liquid crystal templating method toward supercapacitor application. <i>Nano Energy</i> , 2018, 52, 336-344.	16.0	65
8	Controlled Synthesis of Nanoporous Nickel Oxide with Two-Dimensional Shapes through Thermal Decomposition of Metal-Cyanide Hybrid Coordination Polymers. <i>Chemistry - A European Journal</i> , 2015, 21, 3605-3612.	3.3	64
9	Phosphonic Acid Functionalized Ordered Mesoporous Material: A New and Ecofriendly Catalyst for One-Pot Multicomponent Biginelli Reaction under Solvent-Free Conditions. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 933-941.	8.0	62
10	Synthesis of Hierarchical Mesoporous Mn-MFI Zeolite Nanoparticles: A Unique Architecture of Heterogeneous Catalyst for the Aerobic Oxidation of Thiols to Disulfides. <i>ChemCatChem</i> , 2014, 6, 220-229.	3.7	56
11	Organic-inorganic hybrid porous sulfonated zinc phosphonate material: efficient catalyst for biodiesel synthesis at room temperature. <i>Green Chemistry</i> , 2012, 14, 2273.	9.0	51
12	Nanoporous Mn-based electrocatalysts through thermal conversion of cyano-bridged coordination polymers toward ultra-high efficiency hydrogen peroxide production. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9266-9274.	10.3	51
13	Hybrid porous tin(IV) phosphonate: an efficient catalyst for adipic acid synthesis and a very good adsorbent for CO ₂ uptake. <i>Chemical Communications</i> , 2012, 48, 6738.	4.1	48
14	Surfactant-assisted synthesis of nanoporous nickel sulfide flakes and their hybridization with reduced graphene oxides for supercapacitor applications. <i>RSC Advances</i> , 2016, 6, 21246-21253.	3.6	45
15	Highly selective and direct oxidation of cyclohexane to cyclohexanone over vanadium exchanged NaY at room temperature under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , 2014, 392, 299-307.	4.8	44
16	Organic-Inorganic Hybrid Supermicroporous Iron(III) Phosphonate Nanoparticles as an Efficient Catalyst for the Synthesis of Biofuels. <i>Chemistry - A European Journal</i> , 2013, 19, 8507-8514.	3.3	42
17	Mesoporous Manganese Phosphonate Nanorods as a Prospective Anode for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19739-19745.	8.0	38
18	Self-assembled hybrid tinphosphonate nanoparticles with bimodal porosity: an insight towards the efficient and selective catalytic process for the synthesis of bioactive 1,4-dihydropyridines under solvent-free conditions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11210.	10.3	37

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19	Mesoporous Semimetallic Conductors: Structural and Electronic Properties of Cobalt Phosphide Systems. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13508-13512.	13.8	36
20	Organic-inorganic hybrid tinphosphonate material with mesoscopic void spaces: an excellent catalyst for the radical polymerization of styrene. <i>Catalysis Science and Technology</i> , 2012, 2, 613.	4.1	35
21	Self-assembled titanium phosphonate nanomaterial having a mesoscopic void space and its optoelectronic application. <i>Dalton Transactions</i> , 2013, 42, 5140.	3.3	35
22	Highly Ordered Mesostructured Vanadium Phosphonate toward Electrode Materials for Lithium-ion Batteries. <i>Chemistry - A European Journal</i> , 2017, 23, 4344-4352.	3.3	30
23	Niobium doped hexagonal mesoporous silica (HMS-X) catalyst for vapor phase Beckmann rearrangement reaction. <i>RSC Advances</i> , 2014, 4, 845-854.	3.6	28
24	Anthracene-bisphosphonate based novel fluorescent organic nanoparticles explored as apoptosis inducers of cancer cells. <i>Chemical Communications</i> , 2013, 49, 9461.	4.1	27
25	Synthesis of mesostructured manganese phosphonate and its promising energy storage application. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23259-23266.	10.3	24
26	Self-Assembled Hybrid Molybdenum Phosphonate Porous Nanomaterials and Their Catalytic Activity for the Synthesis of Benzimidazoles. <i>ChemCatChem</i> , 2014, 6, 2577-2586.	3.7	22
27	Multiple hydrogen bonding mediates the formation of multicompart ment micelles and hierarchical self-assembled structures from pseudo A-block-(B-graft-C) terpolymers. <i>Polymer Chemistry</i> , 2015, 6, 5110-5124.	3.9	21
28	Shape-controlled synthesis of mesoporous iron phosphate materials with crystallized frameworks. <i>Chemical Communications</i> , 2015, 51, 13806-13809.	4.1	20
29	A mesoporous tin phosphate-graphene oxide hybrid toward the oxygen reduction reaction. <i>Chemical Communications</i> , 2017, 53, 5721-5724.	4.1	20
30	Direct Assembly of Mesoporous Silica Functionalized with Polypeptides for Efficient Dye Adsorption. <i>Chemistry - A European Journal</i> , 2016, 22, 1159-1164.	3.3	19
31	Synthesis of Mesoporous Transition-Metal Phosphates by Polymeric Micelle Assembly. <i>Chemistry - A European Journal</i> , 2016, 22, 7463-7467.	3.3	17
32	Hard-templated preparation of mesoporous cobalt phosphide as an oxygen evolution electrocatalyst. <i>Electrochemistry Communications</i> , 2019, 104, 106476.	4.7	17
33	Covalently anchored carboxylic acid on uniform spherical silica nanoparticles with narrow slit like mesopores for the synthesis of pyrroloacridinones: CuI-catalyzed further C(sp ³)-H oxyfunctionalization for C=O formation. <i>RSC Advances</i> , 2014, 4, 15441.	3.6	16
34	Mesoporous Semimetallic Conductors: Structural and Electronic Properties of Cobalt Phosphide Systems. <i>Angewandte Chemie</i> , 2017, 129, 13693-13697.	2.0	16
35	Iron phosphide anchored nanoporous carbon as an efficient electrode for supercapacitors and the oxygen reduction reaction. <i>RSC Advances</i> , 2019, 9, 25240-25247.	3.6	16
36	Unique nanocrystalline frameworks in mesoporous tin phosphate prepared through a hydrofluoric acid assisted chemical reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18091-18099.	10.3	14

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37	Controlled Synthesis of Highly Crystallized Mesoporous Mn ₂ O ₃ and Mn ₃ O ₄ by Using Anionic Surfactants. Chemistry - an Asian Journal, 2016, 11, 667-673.	3.3	11
38	Co-templating Synthesis of Bimodal Mesoporous Silica for Potential Drug Carrier. ChemistrySelect, 2016, 1, 1339-1346.	1.5	9
39	Template-free synthesis of nanoporous gadolinium phosphonate as a magnetic resonance imaging (MRI) agent. RSC Advances, 2015, 5, 42762-42767.	3.6	7
40	Mesoporous TiO ₂ Thin Film Formed From a Bioinspired Supramolecular Assembly. ChemistrySelect, 2016, 1, 4295-4299.	1.5	3
41	Controlled Synthesis of Nanoporous Nickel Oxide with Two-Dimensional Shapes through Thermal Decomposition of Metal-Cyanide Hybrid Coordination Polymers. Chemistry - A European Journal, 2015, 21, 3509-3509.	3.3	2
42	Facile synthesis of nanoporous Li _{1+x} V _{1-x} O ₂ @C composites as promising anode materials for lithium-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 9156-9163.	2.8	2
43	Cover Picture: Controlled Synthesis of Nanoporous Nickel Oxide with Two-Dimensional Shapes through Thermal Decomposition of Metal-Cyanide Hybrid Coordination Polymers (Chem. Eur. J.) Tj ETQq1 1 0.784314 rgBb/Overlock	1.78	14