

Tieyu Cui

List of Publications by Year in Descending Order

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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.

47
papers

1,090
citations

17
h-index

32
g-index

47
ext. papers

1,176
ext. citations

5.9
avg, IF

4
L-index

#	Paper	IF	Citations
47	Surface engineering of Co ₃ O ₄ nanoribbons forming abundant oxygen-vacancy for advanced supercapacitor. <i>Applied Surface Science</i> , 2022 , 578, 152001	6.7	5
46	Facile assembly of 2D Ni-based coordination polymer nanosheets as battery-type electrodes for high-performance supercapacitors. <i>Nanoscale</i> , 2021 , 13, 11112-11119	7.7	3
45	Synthesis of 3D hierarchical CuS architectures consisting of 1D nanotubes for efficient photocatalysts. <i>Materials Letters</i> , 2020 , 275, 128168	3.3	4
44	Janus coordination polymer derived PdO/ZnO nanoribbons for efficient 4-nitrophenol reduction. <i>New Journal of Chemistry</i> , 2020 , 44, 4042-4048	3.6	5
43	Metal coordination polymers derived CoO/C nanowires with Brick and cement hybrid structures as high performance supercapacitor materials. <i>Materials Letters</i> , 2020 , 267, 127524	3.3	5
42	Self-catalysis synthesis of Co ₃ O ₄ @SiO ₂ -Ag nanocapsules under near-neutral condition as excellent performance catalyst. <i>Materials Letters</i> , 2020 , 264, 127359	3.3	2
41	The green synthesis of PdO/Pd anchored on hierarchical ZnO microflowers with a synthetic effect for the efficient catalytic reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2020 , 44, 7035-7041	3.6	8
40	From coordination polymers to nanocrystals: general and facile synthesis of ultra-small metal oxide nanocrystals. <i>Chemical Communications</i> , 2020 , 56, 6145-6148	5.8	
39	Construction of magnetic NiO/C nanosheets derived from coordination polymers for extraordinary adsorption of dyes. <i>Journal of Colloid and Interface Science</i> , 2020 , 561, 542-550	9.3	12
38	An autocatalytic route of CuO/Co ₃ O ₄ @SiO ₂ nanocapsules as excellent performance supercapacitor materials. <i>New Journal of Chemistry</i> , 2020 , 44, 12430-12434	3.6	2
37	In situ generation of ultrasmall sized and highly dispersed CuO nanoparticles embedded in silica matrix and their catalytic application. <i>New Journal of Chemistry</i> , 2019 , 43, 520-526	3.6	6
36	Directed self-assembly of dual metal ions with ligands: towards the synthesis of noble metal/metal oxide composites with controlled facets. <i>Chemical Communications</i> , 2018 , 54, 2044-2047	5.8	2
35	Self-catalytic Synthesis of CuO@SiO ₂ Nanocomposites under Neutral Condition and Its Catalytic Performance. <i>Chemistry Letters</i> , 2018 , 47, 228-231	1.7	2
34	A general autocatalytic route toward silica nanospheres with ultrasmall sized and well-dispersed metal oxide nanoparticles. <i>Nanoscale</i> , 2018 , 10, 9460-9465	7.7	5
33	Self-catalytic Synthesis of ZnO Nanoparticles@SiO ₂ Composites with Controllable Fluorescence. <i>Chemistry Letters</i> , 2017 , 46, 426-429	1.7	2
32	Autocatalytic synthesis of multifunctional precursors for fabricating silica microspheres with well-dispersed Ag and CoO nanoparticles. <i>Nanoscale</i> , 2017 , 9, 899-906	7.7	11
31	One-step preparation of magnetic recyclable quinary graphene hydrogels with high catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017 , 491, 72-79	9.3	14

30	The development of novel Au/CaO nanoribbons from bifunctional building block for biodiesel production. <i>Nanoscale</i> , 2017 , 9, 15990-15997	7.7	6
29	A simple way to prepare reduced graphene oxide nanosheets/Fe ₂ O ₃ -Pd/N-doped carbon nanosheets and their application in catalysis. <i>Journal of Colloid and Interface Science</i> , 2016 , 468, 62-69	9.3	29
28	A Simple Method for the Preparation of TiO ₂ /Ag-AgCl@Polypyrrole Composite and Its Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 141-7	4.5	24
27	A simple way to prepare Pd/Fe ₃ O ₄ @polypyrrole hollow capsules and their applications in catalysis. <i>Journal of Colloid and Interface Science</i> , 2015 , 450, 366-373	9.3	53
26	Janus building block-enabled fabrication of dual metal equipped coordination polymers: an ideal precursor for noble metal/metal oxide nanocomposites with excellent catalytic performance. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20073-20079	13	13
25	Preparation of Pd _x Au _y bimetallic nanostructures with controllable morphologies supported on reduced graphene oxide nanosheets and wrapped in a polypyrrole layer. <i>RSC Advances</i> , 2015 , 5, 87831-87837	3.7	9
24	Decoration of Silica with Tb ₂ O ₃ Nanoparticles by a Facile Method Free of Additional Catalyst. <i>Chemistry Letters</i> , 2015 , 44, 1500-1502	1.7	1
23	One Step Preparation of Reduced Graphene Oxide/Pd-Fe ₃ O ₄ @Polypyrrole Composites and Their Application in Catalysis. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1940-7	4.5	21
22	Facile synthesis of ultrasmall TiO ₂ nanocrystals/porous carbon composites in large quantity and their photocatalytic performance under visible light. <i>RSC Advances</i> , 2014 , 4, 33408	3.7	16
21	A simple way to prepare Au@polypyrrole/Fe ₃ O ₄ hollow capsules with high stability and their application in catalytic reduction of methylene blue dye. <i>Nanoscale</i> , 2014 , 6, 7666-74	7.7	126
20	Self-catalytic synthesis of metal oxide nanoclusters@mesoporous silica composites based on successive spontaneous reactions at near neutral conditions. <i>Chemical Communications</i> , 2014 , 50, 14801-4	5.8	12
19	Preparation of yolk-shell Fe(x)O(y)/Pd@mesoporous SiO ₂ composites with high stability and their application in catalytic reduction of 4-nitrophenol. <i>Nanoscale</i> , 2013 , 5, 5896-904	7.7	90
18	Preparation of yolk/shell Fe ₃ O ₄ @polypyrrole composites and their applications as catalyst supports. <i>Chemical Engineering Journal</i> , 2013 , 225, 230-236	14.7	49
17	One-Step Preparation of Polypyrrole Nanoparticles by a Reactive-Template Method. <i>Advanced Materials Research</i> , 2013 , 669, 331-334	0.5	
16	Formation of nanoparticles in solid-state matrices: a strategy for bulk transparent TiO ₂ /polymer nanocomposites. <i>Polymer Chemistry</i> , 2012 , 3, 3296	4.9	13
15	Preparation of acid-resistant core/shell Fe ₃ O ₄ @C materials and their use as catalyst supports. <i>Carbon</i> , 2012 , 50, 2287-2295	10.4	50
14	Preparation of hierarchical porous polypyrrole nanoclusters and their application for removal of Cr(VI) ions in aqueous solution. <i>Polymer Chemistry</i> , 2011 , 2, 2893	4.9	76
13	Facile access to ultrasmall Eu ₂ O ₃ nanoparticle-functionalized hollow silica nanospheres based on the spontaneous formation and decomposition of a cross-linked organic/inorganic hybrid core. <i>Chemical Communications</i> , 2011 , 47, 6329-31	5.8	18

12	Magnetic and optical properties of multiferroic GdMnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2010 , 107, 09B510	2.5	43
11	Effect of the calcination temperature on the magnetic and transport properties of rhombohedral LaMnO ₃ + δ compounds. <i>Physica B: Condensed Matter</i> , 2010 , 405, 1362-1368	2.8	16
10	Hydrothermal Synthesis of Three-Dimensional Hierarchical CuO Butterfly-Like Architectures. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 168-173	2.3	33
9	A new strategy for assembling multifunctional nanocomposites with iron oxide and amino-terminated PAMAM dendrimers. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2433-2440	4.5	12
8	Solvothermal Synthesis of Magnetic Chains Self-Assembled by Flowerlike Cobalt Submicrospheres. <i>Crystal Growth and Design</i> , 2008 , 8, 3206-3212	3.5	88
7	A facile solution-phase approach to the synthesis of luminescent europium methacrylate nanowires and their thermal conversion into europium oxide nanotubes. <i>Nanotechnology</i> , 2008 , 19, 065607	3.4	14
6	From two-dimensional metal-organic coordination networks to near-infrared luminescent PbS nanoparticle/layered polymer composite materials. <i>Nano Research</i> , 2008 , 1, 195-202	10	9
5	Controlled Synthesis of Cobalt Flowerlike Architectures by a Facile Hydrothermal Route. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2733-2738	2.3	24
4	From monomeric nanofibers to PbS nanoparticles/polymer composite nanofibers through the combined use of gamma-irradiation and gas/solid reaction. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6298-9	16.4	55
3	Nanoassembly of photoluminescent films containing rare earth complex nanoparticles on planar and microspherical supports. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 278, 39-45	5.1	12
2	A simple and controlled method of preparing uniform Ag nanoparticles on Tollens-soaked silica spheres. <i>Journal of Colloid and Interface Science</i> , 2005 , 285, 146-51	9.3	25
1	CdS-Nanoparticle/Polymer Composite Shells Grown on Silica Nanospheres by Atom-Transfer Radical Polymerization. <i>Advanced Functional Materials</i> , 2005 , 15, 481-486	15.6	65