

Yongxing Hu

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.

49
papers

5,412
citations

35
h-index

49
g-index

49
ext. papers

5,745
ext. citations

9.9
avg, IF

5.48
L-index

#	Paper	IF	Citations
49	Superparamagnetic magnetite colloidal nanocrystal clusters. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4342-5	16.4	821
48	Highly tunable superparamagnetic colloidal photonic crystals. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7428-31	16.4	446
47	A general approach for transferring hydrophobic nanocrystals into water. <i>Nano Letters</i> , 2007 , 7, 3203-7	11.5	325
46	Magnetically recoverable core-shell nanocomposites with enhanced photocatalytic activity. <i>Chemistry - A European Journal</i> , 2010 , 16, 6243-50	4.8	285
45	Formation of hollow silica colloids through a spontaneous dissolution-regrowth process. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5806-11	16.4	283
44	Hierarchical magnetite/silica nanoassemblies as magnetically recoverable catalyst-supports. <i>Nano Letters</i> , 2008 , 8, 931-4	11.5	236
43	Reconstruction of silver nanoplates by UV irradiation: tailored optical properties and enhanced stability. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3516-9	16.4	219
42	Superparamagnetic composite colloids with anisotropic structures. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8974-5	16.4	209
41	Seeded growth of uniform Ag nanoplates with high aspect ratio and widely tunable surface plasmon bands. <i>Nano Letters</i> , 2010 , 10, 5037-42	11.5	205
40	One-step synthesis of highly water-soluble magnetite colloidal nanocrystals. <i>Chemistry - A European Journal</i> , 2007 , 13, 7153-61	4.8	204
39	Rattle-type silica colloidal particles prepared by a surface-protected etching process. <i>Nano Research</i> , 2009 , 2, 583-591	10	164
38	A self-templated approach to TiO ₂ microcapsules. <i>Nano Letters</i> , 2007 , 7, 1832-6	11.5	130
37	Magnetically responsive photonic nanochains. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3747-50	16.4	126
36	Tailored synthesis of superparamagnetic gold nanoshells with tunable optical properties. <i>Advanced Materials</i> , 2010 , 22, 1905-9	24	123
35	Highly Tunable Superparamagnetic Colloidal Photonic Crystals. <i>Angewandte Chemie</i> , 2007 , 119, 7572-7575	16.4	123
34	Self-assembly and field-responsive optical diffractions of superparamagnetic colloids. <i>Langmuir</i> , 2008 , 24, 3671-80	4	114
33	Control over the permeation of silica nanoshells by surface-protected etching with water. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11836-42	3.6	108

32	Mesoporous TiO ₂ nanocrystal clusters for selective enrichment of phosphopeptides. <i>Analytical Chemistry</i> , 2010 , 82, 7249-58	7.8	108
31	One-pot synthesis and optical property of copper(I) sulfide nanodisks. <i>Inorganic Chemistry</i> , 2010 , 49, 6601-8	5.1	85
30	Epitaxial growth of shape-controlled Bi ₂ Te ₃ -Te heterogeneous nanostructures. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17316-24	16.4	83
29	Magnetic assembly of nonmagnetic particles into photonic crystal structures. <i>Nano Letters</i> , 2010 , 10, 4708-14	11.5	79
28	Superparamagnetic Magnetite Colloidal Nanocrystal Clusters. <i>Angewandte Chemie</i> , 2007 , 119, 4420-4423	3.6	77
27	Magnetically induced colloidal assembly into field-responsive photonic structures. <i>Nanoscale</i> , 2011 , 3, 177-83	7.7	71
26	Formation of Hollow Silica Colloids through a Spontaneous Dissolution/Regrowth Process. <i>Angewandte Chemie</i> , 2008 , 120, 5890-5895	3.6	69
25	Shape- and Size-Controlled Synthesis of Calcium Molybdate Doughnut-Shaped Microstructures. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16414-16423	3.8	65
24	Reconstruction of Silver Nanoplates by UV Irradiation: Tailored Optical Properties and Enhanced Stability. <i>Angewandte Chemie</i> , 2009 , 121, 3568-3571	3.6	54
23	Self-assembly of superparamagnetic magnetite particles into peapod-like structures and their application in optical modulation. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7965		52
22	Magnetically rewritable photonic ink based on superparamagnetic nanochains. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 6151	7.1	47
21	A generic approach for the synthesis of dimer nanoclusters and asymmetric nanoassemblies. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2213-21	16.4	46
20	Highly Asymmetric, Interfaced Dimers Made of Au Nanoparticles and Bimetallic Nanoshells: Synthesis and Photo-Enhanced Catalysis. <i>Advanced Functional Materials</i> , 2014 , 24, 2828-2836	15.6	44
19	Photonic labyrinths: two-dimensional dynamic magnetic assembly and in situ solidification. <i>Nano Letters</i> , 2013 , 13, 1770-5	11.5	44
18	A Blown Film Process to Disk-Shaped Polymer Ellipsoids. <i>Advanced Materials</i> , 2008 , 20, 4599-4602	24	43
17	Self-assembly and magnetically induced phase transition of three-dimensional colloidal photonic crystals. <i>Nanoscale</i> , 2012 , 4, 4438-42	7.7	41
16	Determination of solvation layer thickness by a magnetophotonic approach. <i>ACS Nano</i> , 2012 , 6, 4196-2026	26.7	40
15	Size-controlled synthesis of highly water-soluble silver nanocrystals. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 1524-1529	3.3	40

14	Assembly and photonic properties of superparamagnetic colloids in complex magnetic fields. <i>Langmuir</i> , 2011 , 27, 13444-50	4	32
13	Charge stabilization of superparamagnetic colloids for high-performance responsive photonic structures. <i>Small</i> , 2012 , 8, 3795-9	11	30
12	Stable Magnetic Hot Spots for Simultaneous Concentration and Ultrasensitive Surface-Enhanced Raman Scattering Detection of Solution Analytes. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13329-13335	3.8	30
11	Mesoporous titanate-based cation exchanger for efficient removal of metal cations. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5097	13	24
10	Mesoporous Colloidal Superparticles of Platinum-Group Nanocrystals with Surfactant-Free Surfaces and Enhanced Heterogeneous Catalysis. <i>Advanced Functional Materials</i> , 2015 , 25, 1638-1647	15.6	23
9	Magnetically responsive photonic films with high tunability and stability. <i>Nano Research</i> , 2015 , 8, 611-620	0	21
8	Magnetically Responsive Photonic Nanochains. <i>Angewandte Chemie</i> , 2011 , 123, 3831-3834	3.6	20
7	PDMS rubber as a single-source precursor for templated growth of silica nanotubes. <i>Chemical Communications</i> , 2009 , 914-6	5.8	14
6	Enhanced photocatalysis by hybrid hierarchical assembly of plasmonic nanocrystals with high surface areas. <i>Catalysis Today</i> , 2014 , 225, 177-184	5.3	8
5	Inside Cover: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. Int. Ed. 39/2007). <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7334-7334	16.4	1
4	Rektitelbild: Magnetically Responsive Photonic Nanochains (Angew. Chem. 16/2011). <i>Angewandte Chemie</i> , 2011 , 123, 3900-3900	3.6	
3	Back Cover: Magnetically Responsive Photonic Nanochains (Angew. Chem. Int. Ed. 16/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3816-3816	16.4	
2	Innentitelbild: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. 39/2007). <i>Angewandte Chemie</i> , 2007 , 119, 7476-7476	3.6	
1	Advanced Polymer Nanoparticles with Nonspherical Morphologies 2010 , 61-95		