

# Yongxing Hu

## 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.

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	Magnetically responsive photonic films with high tunability and stability. <i>Nano Research</i> , <b>2015</b> , 8, 611-620	20	21
48	Mesoporous Colloidal Superparticles of Platinum-Group Nanocrystals with Surfactant-Free Surfaces and Enhanced Heterogeneous Catalysis. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1638-1647	15.6	23
47	Highly Asymmetric, Interfaced Dimers Made of Au Nanoparticles and Bimetallic Nanoshells: Synthesis and Photo-Enhanced Catalysis. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2828-2836	15.6	44
46	Enhanced photocatalysis by hybrid hierarchical assembly of plasmonic nanocrystals with high surface areas. <i>Catalysis Today</i> , <b>2014</b> , 225, 177-184	5.3	8
45	Magnetically rewritable photonic ink based on superparamagnetic nanochains. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 6151	7.1	47
44	Mesoporous titanate-based cation exchanger for efficient removal of metal cations. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 5097	13	24
43	Photonic labyrinths: two-dimensional dynamic magnetic assembly and in situ solidification. <i>Nano Letters</i> , <b>2013</b> , 13, 1770-5	11.5	44
42	A generic approach for the synthesis of dimer nanoclusters and asymmetric nanoassemblies. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2213-21	16.4	46
41	Charge stabilization of superparamagnetic colloids for high-performance responsive photonic structures. <i>Small</i> , <b>2012</b> , 8, 3795-9	11	30
40	Determination of solvation layer thickness by a magnetophotonic approach. <i>ACS Nano</i> , <b>2012</b> , 6, 4196-2012	16.7	40
39	Stable Magnetic Hot Spots for Simultaneous Concentration and Ultrasensitive Surface-Enhanced Raman Scattering Detection of Solution Analytes. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 13329-13335	13.8	30
38	Self-assembly and magnetically induced phase transition of three-dimensional colloidal photonic crystals. <i>Nanoscale</i> , <b>2012</b> , 4, 4438-42	7.7	41
37	Assembly and photonic properties of superparamagnetic colloids in complex magnetic fields. <i>Langmuir</i> , <b>2011</b> , 27, 13444-50	4	32
36	Magnetically induced colloidal assembly into field-responsive photonic structures. <i>Nanoscale</i> , <b>2011</b> , 3, 177-83	7.7	71
35	Magnetically Responsive Photonic Nanochains. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3831-3834	3.6	20
34	Reaktitelbild: Magnetically Responsive Photonic Nanochains (Angew. Chem. 16/2011). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3900-3900	3.6	
33	Magnetically responsive photonic nanochains. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3747-50	5.4	126

32	Back Cover: Magnetically Responsive Photonic Nanochains (Angew. Chem. Int. Ed. 16/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3816-3816	16.4	
31	One-pot synthesis and optical property of copper(I) sulfide nanodisks. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6601-8	5.1	85
30	Control over the permeation of silica nanoshells by surface-protected etching with water. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 11836-42	3.6	108
29	Mesoporous TiO <sub>2</sub> nanocrystal clusters for selective enrichment of phosphopeptides. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 7249-58	7.8	108
28	Seeded growth of uniform Ag nanoplates with high aspect ratio and widely tunable surface plasmon bands. <i>Nano Letters</i> , <b>2010</b> , 10, 5037-42	11.5	205
27	Magnetic assembly of nonmagnetic particles into photonic crystal structures. <i>Nano Letters</i> , <b>2010</b> , 10, 4708-14	11.5	79
26	Epitaxial growth of shape-controlled Bi <sub>2</sub> Te <sub>3</sub> -Te heterogeneous nanostructures. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 17316-24	16.4	83
25	Self-assembly of superparamagnetic magnetite particles into peapod-like structures and their application in optical modulation. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 7965		52
24	Tailored synthesis of superparamagnetic gold nanoshells with tunable optical properties. <i>Advanced Materials</i> , <b>2010</b> , 22, 1905-9	24	123
23	Magnetically recoverable core-shell nanocomposites with enhanced photocatalytic activity. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6243-50	4.8	285
22	Advanced Polymer Nanoparticles with Nonspherical Morphologies <b>2010</b> , 61-95		
21	Reconstruction of Silver Nanoplates by UV Irradiation: Tailored Optical Properties and Enhanced Stability. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 3568-3571	3.6	54
20	Reconstruction of silver nanoplates by UV irradiation: tailored optical properties and enhanced stability. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3516-9	16.4	219
19	Rattle-type silica colloidal particles prepared by a surface-protected etching process. <i>Nano Research</i> , <b>2009</b> , 2, 583-591	10	164
18	Shape- and Size-Controlled Synthesis of Calcium Molybdate Doughnut-Shaped Microstructures. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 16414-16423	3.8	65
17	PDMS rubber as a single-source precursor for templated growth of silica nanotubes. <i>Chemical Communications</i> , <b>2009</b> , 914-6	5.8	14
16	Hierarchical magnetite/silica nanoassemblies as magnetically recoverable catalyst-supports. <i>Nano Letters</i> , <b>2008</b> , 8, 931-4	11.5	236
15	Self-assembly and field-responsive optical diffractions of superparamagnetic colloids. <i>Langmuir</i> , <b>2008</b> , 24, 3671-80	4	114

14	Formation of hollow silica colloids through a spontaneous dissolution-regrowth process. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5806-11	16.4	283
13	A Blown Film Process to Disk-Shaped Polymer Ellipsoids. <i>Advanced Materials</i> , <b>2008</b> , 20, 4599-4602	24	43
12	Formation of Hollow Silica Colloids through a Spontaneous DissolutionRegrowth Process. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 5890-5895	3.6	69
11	Size-controlled synthesis of highly water-soluble silver nanocrystals. <i>Journal of Solid State Chemistry</i> , <b>2008</b> , 181, 1524-1529	3.3	40
10	A self-templated approach to TiO <sub>2</sub> microcapsules. <i>Nano Letters</i> , <b>2007</b> , 7, 1832-6	11.5	130
9	One-step synthesis of highly water-soluble magnetite colloidal nanocrystals. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 7153-61	4.8	204
8	Superparamagnetic magnetite colloidal nanocrystal clusters. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4342-5	16.4	821
7	Highly tunable superparamagnetic colloidal photonic crystals. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7428-31	16.4	446
6	Inside Cover: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. Int. Ed. 39/2007). <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7334-7334	16.4	1
5	Superparamagnetic Magnetite Colloidal Nanocrystal Clusters. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4420-4423	3.6	77
4	Highly Tunable Superparamagnetic Colloidal Photonic Crystals. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7572-7575	3.6	123
3	Innentitelbild: Highly Tunable Superparamagnetic Colloidal Photonic Crystals (Angew. Chem. 39/2007). <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7476-7476	3.6	
2	A general approach for transferring hydrophobic nanocrystals into water. <i>Nano Letters</i> , <b>2007</b> , 7, 3203-7	11.5	325
1	Superparamagnetic composite colloids with anisotropic structures. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8974-5	16.4	209