

Yuhua Feng

List of Publications by Year in descending order

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53
papers

2,675
citations

186265
28
h-index

182427
51
g-index

55
all docs

55
docs citations

55
times ranked

3614
citing authors

#	ARTICLE	IF	CITATIONS
1	Hotspot-Induced Transformation of Surface-Enhanced Raman Scattering Fingerprints. ACS Nano, 2010, 4, 3087-3094.	14.6	203
2	An Unconventional Role of Ligand in Continuously Tuning of Metal-Metal Interfacial Strain. Journal of the American Chemical Society, 2012, 134, 2004-2007.	13.7	186
3	Exploiting Core-Shell Synergy for Nanosynthesis and Mechanistic Investigation. Accounts of Chemical Research, 2013, 46, 1636-1646.	15.6	183
4	A systems approach towards the stoichiometry-controlled hetero-assembly of nanoparticles. Nature Communications, 2010, 1, 87.	12.8	152
5	Engineering "Hot" Nanoparticles for Surface-Enhanced Raman Scattering by Embedding Reporter Molecules in Metal Layers. Small, 2012, 8, 246-251.	10.0	128
6	Forest of Gold Nanowires: A New Type of Nanocrystal Growth. ACS Nano, 2013, 7, 2733-2740.	14.6	126
7	Hydrazine-hydrothermal method to synthesize three-dimensional chalcogenide framework for photocatalytic hydrogen generation. Journal of Solid State Chemistry, 2010, 183, 2644-2649.	2.9	125
8	Reducing the Symmetry of Bimetallic Au@Ag Nanoparticles by Exploiting Eccentric Polymer Shells. Journal of the American Chemical Society, 2010, 132, 9537-9539.	13.7	121
9	The Electrochemical Behavior of Keggin Polyoxometalate Modified by Tricyclic, Aromatic Entity. Electroanalysis, 2005, 17, 1097-1102.	2.9	120
10	Fine-Tuning the Homometallic Interface of Au@Ag Nanorods and Their Photothermal Therapy in the NIR Window. Angewandte Chemie - International Edition, 2020, 59, 14443-14448.	13.8	108
11	Construction of Long Narrow Gaps in Ag Nanoplates. Journal of the American Chemical Society, 2018, 140, 15560-15563.	13.7	91
12	Achieving Site-Specificity in Multistep Colloidal Synthesis. Journal of the American Chemical Society, 2015, 137, 7624-7627.	13.7	85
13	Continuous Tuning of Au ₂ O Janus Nanostructures for Efficient Charge Separation. Angewandte Chemie - International Edition, 2020, 59, 22246-22251.	13.8	69
14	Fabrication and characterization of multilayer films based on Keggin-type polyoxometalate and chitosan. Materials Letters, 2006, 60, 1588-1593.	2.6	68
15	Transformable masks for colloidal nanosynthesis. Nature Communications, 2018, 9, 563.	12.8	67
16	Toroidal Micelles of Polystyrene- <i>b</i> -Poly(acrylic acid). Small, 2011, 7, 2721-2726.	10.0	57
17	Depletion sphere: Explaining the number of Ag islands on Au nanoparticles. Chemical Science, 2017, 8, 430-436.	7.4	57
18	Triple-Layer (Au@Perylene)@Polyaniline Nanocomposite: Unconventional Growth of Faceted Organic Nanocrystals on Polycrystalline Au. Angewandte Chemie - International Edition, 2011, 50, 9898-9902.	13.8	55

#	ARTICLE	IF	CITATIONS
19	Inorganic-organic hybrid polyoxometalate: Preparation, characterization and electrochemistry properties. <i>Journal of Solid State Chemistry</i> , 2005, 178, 1386-1394.	2.9	52
20	On demand synthesis of hollow fullerene nanostructures. <i>Nature Communications</i> , 2019, 10, 1548.	12.8	51
21	Measuring the Unusually Slow Ionic Diffusion in Polyaniline via Study of Yolk-Shell Nanostructures. <i>Journal of the American Chemical Society</i> , 2012, 134, 11243-11250.	13.7	44
22	Probing the kinetics of ligand exchange on colloidal gold nanoparticles by surface-enhanced Raman scattering. <i>Dalton Transactions</i> , 2010, 39, 349-351.	3.3	38
23	Preparation and characterization of luminescent nanocomposite film containing polyoxometalate. <i>Thin Solid Films</i> , 2004, 446, 161-166.	1.8	36
24	2D warp-and-woof interwoven networks constructed by helical chains with different chirality. <i>Chemical Communications</i> , 2007, , 3643.	4.1	35
25	Experimental and theoretical studies on pyrene-grafted polyoxometalate hybrid. <i>Dalton Transactions</i> , 2012, 41, 12185.	3.3	32
26	Hydrothermal synthesis and crystal structure of a mixed-valence Cu(I)/Cu(II) complex: [Cu ₄ (ophen) ₄ (mtp)] (Hophen=2-hydroxy-1,10-phenanthroline, mtp=2-methyl-terephthalate acid). <i>Journal of Molecular Structure</i> , 2005, 734, 171-176.	3.6	31
27	Photoluminescent multilayer film based on polyoxometalate and tris(2,2-bipyridine)ruthenium. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3333-3338.	2.9	30
28	Nanoscrews: Asymmetrical Etching of Silver Nanowires. <i>Journal of the American Chemical Society</i> , 2016, 138, 10770-10773.	13.7	30
29	Ferromagnetically Coupled Dimer of CuI-Substituted β -Decatungstosilicate. <i>Inorganic Chemistry</i> , 2007, 46, 10041-10043.	4.0	27
30	Fine-Tuning the Homometallic Interface of Au-Cu Nanorods and Their Photothermal Therapy in the NIR Window. <i>Angewandte Chemie</i> , 2020, 132, 14551-14556.	2.0	27
31	Out-of-plane dimeric Mn(III) quadridentate Schiff-base complexes: Synthesis, structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 3563-3568.	2.4	22
32	Precise Dimerization of Hollow Fullerene Compartments. <i>Journal of the American Chemical Society</i> , 2020, 142, 15396-15402.	13.7	22
33	Facile Synthesis of Pd and PdPtNi Trimetallic Nanosheets as Enhanced Oxygen Reduction Electrocatalysts. <i>Small</i> , 2022, 18, e2103665.	10.0	20
34	A cyano-bridged $\text{Mn}(\text{CN})_2$ complex: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2008, 11, 341-344.	3.9	18
35	Continuous Tuning of Au-Cu ₂ O Janus Nanostructures for Efficient Charge Separation. <i>Angewandte Chemie</i> , 2020, 132, 22430-22435.	2.0	16
36	Designing caps for colloidal Au nanoparticles. <i>Chemical Science</i> , 2021, 12, 3644-3650.	7.4	16

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37	Luminescent multilayer film based on mixed-addenda polyoxometalates and polyethyleneimine by layer-by-layer assembly. <i>Applied Surface Science</i> , 2004, 233, 14-19.	6.1	14
38	Two-dimensional grid structure based on dimeric manganese(III) tetradentate Schiff-base: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2008, 11, 549-552.	3.9	13
39	Probing the ligand exchange kinetics of phenynyl-based ligands on colloidal Au nanoparticles. <i>Materials Chemistry Frontiers</i> , 2021, 5, 465-471.	5.9	11
40	Fabrication of photosensitive multilayer films based on polyoxometalate and diazoresin. <i>Journal of Colloid and Interface Science</i> , 2005, 286, 589-595.	9.4	10
41	First $\frac{1}{4}3$ -oxalato-bridged cis and trans configurations nickel macrocyclic complex: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1099-1101.	3.9	10
42	Synthesis, crystal structure and magnetic properties of a dinuclear manganese(III) tetradentate Schiff-base complex. <i>Journal of Coordination Chemistry</i> , 2008, 61, 3568-3574.	2.2	9
43	Controlled Synthesis of Ag/Ag/C Hybrid Nanostructures and their Surface-Enhanced Raman Scattering Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 13386-13390.	3.3	9
44	Engineering the Spatial Arrangement of Au@C60 Heterostructures. <i>Chemistry of Materials</i> , 2021, 33, 5268-5275.	6.7	7
45	The patchy growth mode: Modulation of the Au-Au interface via phenynyl ligands. <i>Science China Materials</i> , 2022, 65, 1687-1695.	6.3	7
46	Turning weak into strong: on the CTAB-induced active surface growth. <i>Science China Chemistry</i> , 2022, 65, 1299-1305.	8.2	7
47	Tuning Au@Cu Janus Structures through Strong Ligand-Mediated Interfacial Energy Control. <i>Chemistry of Materials</i> , 2022, 34, 6057-6067.	6.7	7
48	Partial Silica Encapsulation of Fe ₃ O ₄ Nanoparticles in Reverse Emulsion by Internal Energy Modulation. <i>Chemistry of Materials</i> , 2021, 33, 8460-8468.	6.7	6
49	Ultrafast acoustic vibrations of Au@Ag nanoparticles with varying elongated structures. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22728-22735.	2.8	3
50	Two pillared-layer architectures constructed from copper molybdate sheets and linear organonitrogen ligands. <i>Journal of Coordination Chemistry</i> , 2006, 59, 1349-1359.	2.2	2
51	Design and Synthesis of Plasmonic Nanoparticles. , 2022, , 31-84.		2
52	Continuous tuning the wetting growth of Au on Se nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2022, 618, 451-461.	9.4	2
53	Polymer encapsulated AuNP SERS probes and ligand exchange kinetics monitored by SERS. , 2010, , .		0