

Yuhua Feng

List of Publications by Year in descending order

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papers

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citations

186265

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55
all docs

55
docs citations

55
times ranked

3614
citing authors

#	ARTICLE	IF	CITATIONS
1	The patchy growth mode: Modulation of the Au-Au interface via phenynyl ligands. Science China Materials, 2022, 65, 1687-1695.	6.3	7
2	Design and Synthesis of Plasmonic Nanoparticles. , 2022, , 31-84.		2
3	Continuous tuning the wetting growth of Au on Se nanoparticles. Journal of Colloid and Interface Science, 2022, 618, 451-461.	9.4	2
4	Facile Synthesis of Pd and PdPtNi Trimetallic Nanosheets as Enhanced Oxygen Reduction Electrocatalysts. Small, 2022, 18, e2103665.	10.0	20
5	Turning weak into strong: on the CTAB-induced active surface growth. Science China Chemistry, 2022, 65, 1299-1305.	8.2	7
6	Tuning Au@Cu Janus Structures through Strong Ligand-Mediated Interfacial Energy Control. Chemistry of Materials, 2022, 34, 6057-6067.	6.7	7
7	Probing the ligand exchange kinetics of phenynyl-based ligands on colloidal Au nanoparticles. Materials Chemistry Frontiers, 2021, 5, 465-471.	5.9	11
8	Designing caps for colloidal Au nanoparticles. Chemical Science, 2021, 12, 3644-3650.	7.4	16
9	Engineering the Spatial Arrangement of Au@C60 Heterostructures. Chemistry of Materials, 2021, 33, 5268-5275.	6.7	7
10	Partial Silica Encapsulation of Fe ₃ O ₄ Nanoparticles in Reverse Emulsion by Internal Energy Modulation. Chemistry of Materials, 2021, 33, 8460-8468.	6.7	6
11	Ultrafast acoustic vibrations of Au@Ag nanoparticles with varying elongated structures. Physical Chemistry Chemical Physics, 2020, 22, 22728-22735.	2.8	3
12	Continuous Tuning of Au@Cu ₂ O Janus Nanostructures for Efficient Charge Separation. Angewandte Chemie, 2020, 132, 22430-22435.	2.0	16
13	Precise Dimerization of Hollow Fullerene Compartments. Journal of the American Chemical Society, 2020, 142, 15396-15402.	13.7	22
14	Continuous Tuning of Au@Cu ₂ O Janus Nanostructures for Efficient Charge Separation. Angewandte Chemie - International Edition, 2020, 59, 22246-22251.	13.8	69
15	Fine-tuning the Homometallic Interface of Au@Au Nanorods and Their Photothermal Therapy in the NIR Window. Angewandte Chemie - International Edition, 2020, 59, 14443-14448.	13.8	108
16	Fine-tuning the Homometallic Interface of Au@Au Nanorods and Their Photothermal Therapy in the NIR Window. Angewandte Chemie, 2020, 132, 14551-14556.	2.0	27
17	On demand synthesis of hollow fullerene nanostructures. Nature Communications, 2019, 10, 1548.	12.8	51
18	Transformable masks for colloidal nanosynthesis. Nature Communications, 2018, 9, 563.	12.8	67

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19	Construction of Long Narrow Gaps in Ag Nanoplates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15560-15563.	13.7	91
20	Depletion sphere: Explaining the number of Ag islands on Au nanoparticles. <i>Chemical Science</i> , 2017, 8, 430-436.	7.4	57
21	Nanoscrews: Asymmetrical Etching of Silver Nanowires. <i>Journal of the American Chemical Society</i> , 2016, 138, 10770-10773.	13.7	30
22	Achieving Site-Specificity in Multistep Colloidal Synthesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 7624-7627.	13.7	85
23	Exploiting Core-Shell Synergy for Nanosynthesis and Mechanistic Investigation. <i>Accounts of Chemical Research</i> , 2013, 46, 1636-1646.	15.6	183
24	Forest of Gold Nanowires: A New Type of Nanocrystal Growth. <i>ACS Nano</i> , 2013, 7, 2733-2740.	14.6	126
25	An Unconventional Role of Ligand in Continuously Tuning of Metal-Metal Interfacial Strain. <i>Journal of the American Chemical Society</i> , 2012, 134, 2004-2007.	13.7	186
26	Experimental and theoretical studies on pyrene-grafted polyoxometalate hybrid. <i>Dalton Transactions</i> , 2012, 41, 12185.	3.3	32
27	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
28	Engineering "Hot" Nanoparticles for Surface-Enhanced Raman Scattering by Embedding Reporter Molecules in Metal Layers. <i>Small</i> , 2012, 8, 246-251.	10.0	128
29	Toroidal Micelles of Polystyrene-Poly(acrylic acid). <i>Small</i> , 2011, 7, 2721-2726.	10.0	57
30	Triple-Layer (Au@Perylene)@Polyaniline Nanocomposite: Unconventional Growth of Faceted Organic Nanocrystals on Polycrystalline Au. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9898-9902.	13.8	55
31	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
32	Hydrazine-hydrothermal method to synthesize three-dimensional chalcogenide framework for photocatalytic hydrogen generation. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2644-2649.	2.9	125
33	Polymer encapsulated AuNP SERS probes and ligand exchange kinetics monitored by SERS. , 2010, , .		0
34	A systems approach towards the stoichiometry-controlled hetero-assembly of nanoparticles. <i>Nature Communications</i> , 2010, 1, 87.	12.8	152
35	Reducing the Symmetry of Bimetallic Au@Ag Nanoparticles by Exploiting Eccentric Polymer Shells. <i>Journal of the American Chemical Society</i> , 2010, 132, 9537-9539.	13.7	121
36	Hotspot-Induced Transformation of Surface-Enhanced Raman Scattering Fingerprints. <i>ACS Nano</i> , 2010, 4, 3087-3094.	14.6	203

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37	Probing the kinetics of ligand exchange on colloidal gold nanoparticles by surface-enhanced Raman scattering. Dalton Transactions, 2010, 39, 349-351.	3.3	38
38	Out-of-plane dimeric Mn(III) quadridentate Schiff-base complexes: Synthesis, structure and magnetic properties. Inorganica Chimica Acta, 2009, 362, 3563-3568.	2.4	22
39	A cyano-bridged Mn^{2+} complex: Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2008, 11, 341-344.	3.9	18
40	Two-dimensional grid structure based on dimeric manganese(III) tetradentate Schiff-base: Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2008, 11, 549-552.	3.9	13
41	Synthesis, crystal structure and magnetic properties of a dinuclear manganese(III) tetradentate Schiff-base complex. Journal of Coordination Chemistry, 2008, 61, 3568-3574.	2.2	9
42	2D warp-and-woof interwoven networks constructed by helical chains with different chirality. Chemical Communications, 2007, , 3643.	4.1	35
43	Ferromagnetically Coupled Dimer of Cu(I)-Substituted β -Decatungstosilicate. Inorganic Chemistry, 2007, 46, 10041-10043.	4.0	27
44	First μ_3 -oxalato-bridged cis and trans configurations nickel macrocyclic complex: Synthesis, structure and magnetic properties. Inorganic Chemistry Communication, 2007, 10, 1099-1101.	3.9	10
45	Fabrication and characterization of multilayer films based on Keggin-type polyoxometalate and chitosan. Materials Letters, 2006, 60, 1588-1593.	2.6	68
46	Two pillared-layer architectures constructed from copper molybdate sheets and linear organonitrogen ligands. Journal of Coordination Chemistry, 2006, 59, 1349-1359.	2.2	2
47	Inorganic-organic hybrid polyoxometalate: Preparation, characterization and electrochemistry properties. Journal of Solid State Chemistry, 2005, 178, 1386-1394.	2.9	52
48	Hydrothermal synthesis and crystal structure of a mixed-valence Cu(I)/Cu(II) complex: $[\text{Cu}_4(\text{ophen})_4(\text{mtp})]$ (Hophen=2-hydroxy-1,10-phenanthroline, mtp=2-methyl-terephthalate acid). Journal of Molecular Structure, 2005, 734, 171-176.	3.6	31
49	The Electrochemical Behavior of Keggin Polyoxometalate Modified by Tricyclic, Aromatic Entity. Electroanalysis, 2005, 17, 1097-1102.	2.9	120
50	Fabrication of photosensitive multilayer films based on polyoxometalate and diazo resin. Journal of Colloid and Interface Science, 2005, 286, 589-595.	9.4	10
51	Preparation and characterization of luminescent nanocomposite film containing polyoxometalate. Thin Solid Films, 2004, 446, 161-166.	1.8	36
52	Photoluminescent multilayer film based on polyoxometalate and tris(2,2'-bipyridine)ruthenium. Journal of Solid State Chemistry, 2004, 177, 3333-3338.	2.9	30
53	Luminescent multilayer film based on mixed-addenda polyoxometalates and polyethyleneimine by layer-by-layer assembly. Applied Surface Science, 2004, 233, 14-19.	6.1	14