Guangsheng Pang

List of Publications by Year
in descending order

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87 papers	2,442 citations	257450 24 h-index	223800 46 g-index
88 all docs	88 docs citations	88 times ranked	4026 citing authors

#	Article	IF	Citations
1	Facile Preparation of Chitosanâ€modified Mesoporous Titanium Dioxide Film on Fusedâ€silica Capillary for Selective Enrichment of Phosphopeptides. ChemNanoMat, 2022, 8, .	2.8	1
2	Fabrication of underliquid dual superlyophobic membrane via anchoring polyethersulfone nanoparticles on Zn-Ni-Co layered double hydroxide (LDH) nanowires with stainless steel mesh as supporter. Separation and Purification Technology, 2022, 294, 121148.	7.9	11
3	Preparation of Coreâ€Shell Structured Magnetic Superhydrophilic Extractant for Enrichment of Phosphopeptides. ChemistrySelect, 2022, 7, .	1.5	0
4	Coupling NiFe-MOF nanosheets with Ni₃N microsheet arrays for efficient electrocatalytic water oxidation. New Journal of Chemistry, 2021, 45, 19646-19650.	2.8	7
5	Ni_xFe_yN@C microsheet arrays on Ni foam as an efficient and durable electrocatalyst for electrolytic splitting of alkaline seawater. Journal of Materials Chemistry A, 2021, 9, 13562-13569.	10.3	54
6	MoS2/CuS nanosheets coated on brass mesh with switchable superwettability for efficient immiscible organic solvent/water separation. Applied Surface Science, 2021, 570, 151128.	6.1	16
7	Chitosan modified inorganic nanowires membranes for ultra-fast and efficient removal of Congo red. Applied Surface Science, 2021, 569, 150970.	6.1	20
8	First-principles study of luminescence properties of the Eu-doped defect pyrochlore oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KNbWO</mml:mi><mml:mn>6</mml:mn><mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mo>:</mml:mo><mml:mn>0.125</mml:mn><mml:msup><mml:mrow><mml:mi>Eu</mml:mi> Physical Review B, 2020, 102, .	3.2	3
9	Rational design of NiFe LDH@Ni₃N nano/microsheet arrays as a bifunctional electrocatalyst for overall water splitting. Journal of Materials Chemistry A, 2020, 8, 17202-17211.	10.3	89
10	PVDF-Modified TiO₂ Nanowires Membrane with Underliquid Dual Superlyophobic Property for Switchable Separation of Oilâ€“Water Emulsions. ACS Applied Materials & Interfaces, 2020, 12, 40925-40936.	8.0	51
11	High-flux and high rejection TiO2 nanofibers ultrafiltration membrane with porous titanium as supporter. Separation and Purification Technology, 2020, 248, 117000.	7.9	26
12	Stainless steel mesh supported TiO2 nanowires membrane with ultra-high flux for separation of oil-in-water mixtures and emulsions. Surface and Coatings Technology, 2019, 375, 518-526.	4.8	21
13	Interfacial engineering of metalâ€“organic frameworks/graphene oxide composite membrane by polyethyleneimine for efficient H₂/CH₄ gas separation. Inorganic Chemistry Frontiers, 2019, 6, 2043-2049.	6.0	17
14	A Flexible, Selfâ€Floating Composite for Efficient Water Evaporation. Global Challenges, 2019, 3, 1800085.	3.6	9
15	Ammonium Ion Intercalated Tungsten Oxide Nanorods with High Photothermal Conversion Efficiency and Low Cytotoxicity. European Journal of Inorganic Chemistry, 2019, 2019, 245-249.	2.0	8
16	Hollow Metalâ€“Organicâ€Framework Micro/Nanostructures and their Derivatives: Emerging Multifunctional Materials. Advanced Materials, 2019, 31, e1803291.	21.0	210
17	CeO2-Î´-Modified CuFe2 O4 with Enhanced Oxygen Transfer as Efficient Catalysts for Selective Oxidation of Fluorene under Mild Conditions. European Journal of Inorganic Chemistry, 2019, 2019, 91-97.	2.0	11
18	Synthesis of N-aryl-2-oxazolidinones from cyclic carbonates and aromatic amines catalyzed by bio-catalyst. Research on Chemical Intermediates, 2018, 44, 2179-2194.	2.7	4

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19	Synthesis of Oxazolidinones and Derivatives through Threeâ€Component Fixation of Carbon Dioxide. ChemCatChem, 2018, 10, 3057-3068.	3.7	26
20	Sn-Doped defect pyrochlore oxide KNbWO₆Â·H₂O microcrystals and their photocatalytic reduction of CO₂. New Journal of Chemistry, 2018, 42, 5753-5758.	2.8	18
21	Synthesis and Catalytic Activity of Chiral Linker-Bridged Bis-N-Heterocyclic Carbene Dipalladium Complexes. Journal of Chemical Research, 2018, 42, 320-325.	1.3	3
22	Heterostructure Ag@WO3â€“x Composites with High Selectivity for Breaking Azo-bond. Chemical Research in Chinese Universities, 2018, 34, 517-522.	2.6	3
23	Synthesis and Catalytic Activity of Chiral Dicarbene Dipalladium Complexes Incorporating the S-binaphthol Unit. Journal of Chemical Research, 2018, 42, 54-56.	1.3	0
24	Synthesis, structure and catalytic activity of xylylene-bridged dipalladium complexes with triazolylidene ligands. Transition Metal Chemistry, 2017, 42, 193-201.	1.4	2
25	Photothermal Conversion of W₁₈O₄₉ with a Tunable Oxidation State. ChemistryOpen, 2017, 6, 261-265.	1.9	34
26	Tuning the Aggregation/Disaggregation Behavior of Graphene Quantum Dots by Structure-Switching Aptamer for High-Sensitivity Fluorescent Ochratoxin A Sensor. Analytical Chemistry, 2017, 89, 1704-1709.	6.5	113
27	Synthesis of reduced cubic phase WO 3 â^' x nanosheet by direct reduction of H 2 WO 4 Â·H 2 O. Materials Today Energy, 2017, 6, 146-153.	4.7	23
28	Solvothermal synthesis of magnetic Fe3O4 nanospheres and their efficiency in photo-Fenton degradation of xylenol orange. Chemical Research in Chinese Universities, 2017, 33, 648-654.	2.6	5
29	Synthesis and Characterization of N-Doped Porous TiO2 Hollow Spheres and Their Photocatalytic and Optical Properties. Materials, 2016, 9, 849.	2.9	20
30	Synthesis of Xylylene-Bridged Dipalladium Complexes with Imidazole and Triazole-Based Di-N-Heterocyclic Carbene (NHC) Ligands. Journal of Chemical Research, 2016, 40, 735-739.	1.3	4
31	Highly efficient aqueous-processed polymer/nanocrystal hybrid solar cells with an aqueous-processed TiO₂ electron extraction layer. Journal of Materials Chemistry A, 2016, 4, 11738-11746.	10.3	26
32	A Highly Robust Terbium Coordination Polymer as a Multiresponsive Luminescent Sensor for Detecting Pollutant Anions. European Journal of Inorganic Chemistry, 2016, 2016, 3994-3998.	2.0	10
33	Porous TiO2 Assembled from Monodispersed Nanoparticles. Nanoscale Research Letters, 2016, 11, 159.	5.7	12
34	Synthesis of blue anatase TiO 2 nanoplates with {001} facets and in situ noble metal anchoring. Dyes and Pigments, 2016, 129, 191-198.	3.7	15
35	Synthesis of fluorinated carbazoles via Câ€“H arylation catalyzed by Pd/Cu bimetal system and their antibacterial activities. Bioorganic and Medicinal Chemistry, 2016, 24, 1376-1383.	3.0	15
36	A degradation column for organic dyes based on a composite of CuFeS2 nanocrystals and sawdust. Journal of Materials Science, 2016, 51, 5412-5420.	3.7	15

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37	Observation of Bodyâ€Centered Cubic Gold Nanocluster. Angewandte Chemie - International Edition, 2015, 54, 9826-9829.	13.8	147
38	Effective, transition metal free and selective Câ€“F activation under mild conditions. RSC Advances, 2015, 5, 7035-7048.	3.6	23
39	Two new supramolecular hybrids based on bi-capped Keggin {PMo12V2O42} clusters and transition metal mixed-organic-ligand complexes. Chemical Research in Chinese Universities, 2015, 31, 179-186.	2.6	5
40	Palladium/N-Heterocyclic Carbene Catalyzed Mono- and Double-Cyanation of Aryl Halides Using Potassium Ferrocyanide Trihydrate under Aerobic Conditions. Synthesis, 2015, 47, 1560-1566.	2.3	6
41	One step preparation of highly dispersed TiO2 nanoparticles. Chemical Research in Chinese Universities, 2015, 31, 688-692.	2.6	5
42	Construction of Plasmonic Coreâ€“Satellite Nanostructures on Substrates Based on DNA-Directed Self-Assembly as a Sensitive and Reproducible Biosensor. ACS Applied Materials & Interfaces, 2015, 7, 27131-27139.	8.0	23
43	Efficient synthesis of quinazoline-2,4(1H,3H)-diones from CO2 catalyzed by N-heterocyclic carbene at atmospheric pressure. RSC Advances, 2015, 5, 5032-5037.	3.6	35
44	How the Substitution Faraway from NHCs Affects the Structural Features and Catalytic Activity of Dicarbene Dipalladium Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 444-450.	1.2	5
45	Synthesis of ultrasmall platinum nanoparticles and structural relaxation. Journal of Colloid and Interface Science, 2014, 423, 123-128.	9.4	24
46	High adsorption capacity for dye removal by CuZn hydroxyl double salts. Environmental Science: Nano, 2014, 1, 172-180.	4.3	46
47	Synergistic effect of the reducing ability and hydrogen bonds of tested gases: highly orientational CdS dendrite sensors. Journal of Materials Chemistry A, 2014, 2, 1032-1038.	10.3	19
48	An RAPET approach to in situ synthesis of carbon modified Li₄Ti₅O₁₂anode nanocrystals with improved conductivity. New Journal of Chemistry, 2014, 38, 616-623.	2.8	17
49	Fast response and highly selective sensing of amine vapors using a luminescent coordination polymer. Chemical Communications, 2014, 50, 10506-10509.	4.1	119
50	Solvothermal synthesis of the defect pyrochlore KNbWO6Â·H2O and its application in Pb2+ removal. RSC Advances, 2014, 4, 14357.	3.6	16
51	The luminescence of ion-exchangeable defect pyrochlore KNbWO₆Â·H₂O:xEu³⁺. RSC Advances, 2014, 4, 24142-24146.	3.6	13
52	Magnetic photocatalysts with a pâ€“n junction: Fe₃O₄ nanoparticle and FeWO₄ nanowire heterostructures. Nanoscale, 2014, 6, 12366-12370.	5.6	60
53	Synthesis and characterization of a series of chiral NHCâ€“Pd complexes derived from l-phenylalanine. Transition Metal Chemistry, 2013, 38, 367-375.	1.4	4
54	Palladium complexes with picolyl functionalized N-heterocyclic carbene ligands and their application in the Mizorokiâ€“Heck reaction. Transition Metal Chemistry, 2013, 38, 351-358.	1.4	5

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55	High-performance gas sensing achieved by mesoporous tungsten oxide mesocrystals with increased oxygen vacancies. Journal of Materials Chemistry A, 2013, 1, 8653.	10.3	60
56	Simple, efficient and reusable Pdâ€“NHC catalysts for hydroamination. RSC Advances, 2013, 3, 18359.	3.6	30
57	Toward understanding the growth mechanism of Aun(SR)m nanoclusters: effect of solvent on cluster size. RSC Advances, 2013, 3, 9778.	3.6	25
58	The regioselective Larock indole synthesis catalyzed by NHCâ€“palladium complexes. RSC Advances, 2013, 3, 18345.	3.6	9
59	Synthesis, Structure, and Reactivity of Dicarbene Dipalladium Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 575-581.	1.2	18
60	Green Synthesis of Alkane Bridged Bisimidazolium Salts Under Solvent-Free Conditions. Synthetic Communications, 2012, 42, 380-387.	2.1	11
61	Preparation of magnetically separable mesoporous Co@carbon/silica composites by the RAPET method. New Journal of Chemistry, 2012, 36, 2308.	2.8	13
62	Synthesis of novel NHC-pyrrole-NHC C-N-C Pincer proligands. Heterocyclic Communications, 2012, 18, 165-167.	1.2	1
63	Cheap Cu(I)/Hexamethylenetetramine (HMTA) Catalytic System for C-N Coupling Reactions. Synthetic Communications, 2012, 42, 279-284.	2.1	15
64	A facile route for nitrogen-doped hollow graphitic carbon spheres with superior performance in supercapacitors. Journal of Materials Chemistry, 2012, 22, 13464.	6.7	202
65	Synthesis and structure of a novel tridentate chiral-NHC ligand precursor. Heterocyclic Communications, 2011, 17, .	1.2	0
66	Efficient Synthesis of Novel Chiral Bisimidazolium Dichlorides under Solvent-Free Conditions. Journal of Chemical Research, 2011, 35, 471-473.	1.3	2
67	Hydrothermal synthesis and phase stability of CoNb2O6 with a rutile structure. Materials Letters, 2011, 65, 2880-2882.	2.6	9
68	Palladiumâ€Catalyzed Î±â€Ketone Arylation under Mild Conditions. European Journal of Organic Chemistry, 2011, 2011, 1570-1574.	2.4	47
69	Synthesis and Catalytic Properties of a Heterocyclicâ€“Carbene Complex of Palladium. Journal of Chemical Research, 2011, 35, 161-162.	1.3	8
70	Synthesis of Novel Chiral Unsymmetrical Imidazolinium Bromides. Journal of Chemical Research, 2011, 35, 608-610.	1.3	7
71	Efficient Synthesis of Alkane-Bridged N,Nâ€™-Diaryl Bisimidazolium Chlorides under Solvent-Free Conditions. Journal of Chemical Research, 2011, 35, 320-322.	1.3	6
72	Solventâ€“Free Synthesis of Some Triazole-Based Bis(N-Heterocyclic Carbene) Ligands. Journal of Chemical Research, 2011, 35, 686-688.	1.3	3

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73	Phase transition of BiVO4 nanoparticles in molten salt and the enhancement of visible-light photocatalytic activity. Journal of Nanoparticle Research, 2010, 12, 3069-3075.	1.9	16
74	Fabrication and magnetic property of Î±-Fe2O3 nanoparticles/TiO2 nanowires hybrid structure. Materials Letters, 2010, 64, 1704-1706.	2.6	13
75	Hydrothermal Synthesis of a CaNb₂O₆ Hierarchical Micro/Nanostructure and Its Enhanced Photocatalytic Activity. European Journal of Inorganic Chemistry, 2010, 2010, 1275-1282.	2.0	37
76	Hexagonal mesocrystals formed by ultra-thin tungsten oxide nanowires and their electrochemical behaviour. Chemical Communications, 2010, 46, 7718.	4.1	65
77	Preparation and magnetic properties of Fe3+â€“Nb5+ co-doped SnO2. Journal of Solid State Chemistry, 2008, 181, 217-220.	2.9	8
78	ZnO microrods with etched surface prepared by two-step hydrothermal reaction. Journal of Materials Science, 2008, 43, 2149-2152.	3.7	9
79	Three oxidation states and atomic-scale pâ€“n junctions in manganese perovskite oxide from hydrothermal systems. Journal of Materials Science, 2008, 43, 2131-2137.	3.7	14
80	Fabrication of Two-Dimensional ZnO Nanostructures from Nanoparticles. Journal of Physical Chemistry C, 2007, 111, 17213-17220.	3.1	20
81	The influence of annealing atmosphere on the optical properties of flower-like ZnO. Crystal Research and Technology, 2007, 42, 1068-1072.	1.3	13
82	Preparation of Cu2O Hollow Nanospheres under Reflux Conditions. European Journal of Inorganic Chemistry, 2007, 2007, 3841-3844.	2.0	24
83	Hydrothermal synthesis and magnetic properties of CuSb2O6 nanoparticles and nanorods. Journal of Nanoparticle Research, 2007, 9, 605-610.	1.9	12
84	Hydrothermal synthesis of one-dimensional zinc oxides with different precursors. Nanotechnology, 2006, 17, 206-212.	2.6	57
85	Preparation of ZnO Nanowires in a Neutral Aqueous System: Concentration Effect on the Orientation Attachment Process. European Journal of Inorganic Chemistry, 2006, 2006, 3818-3822.	2.0	21
86	Controlling the Particle Size of Calcined SnO2 Nanocrystals. Nano Letters, 2001, 1, 723-726.	9.1	135
87	Hydrothermal Synthesis, Characterization, and Ionic Conductivity of Vanadium-Stabilized Bi17V3O33with Fluorite-Related Superlattice Structure. Chemistry of Materials, 1998, 10, 2446-2449.	6.7	21