Qing-Yun Liu

List of Publications by Citations

150 papers	4,338 citations	37 h-index	59 g-index
155 ext. papers	5,395 ext. citations	6.2 avg, IF	6.23 L-index

#	Paper	IF	Citations
150	NiO nanoparticles modified with 5,10,15,20-tetrakis(4-carboxyl pheyl)-porphyrin: promising peroxidase mimetics for H2O2 and glucose detection. *Biosensors and Bioelectronics*, **2015**, 64, 147-53	11.8	248
149	FePt-Au ternary metallic nanoparticles with the enhanced peroxidase-like activity for ultrafast colorimetric detection of H2O2. *Sensors and Actuators B: Chemical*, **2018**, 259, 775-783	8.5	177
148	One-step synthesis of uniform nanoparticles of porphyrin functionalized ceria with promising peroxidase mimetics for H2O2 and glucose colorimetric detection. *Sensors and Actuators B: Chemical*, **2017**, 240, 726-734	8.5	168
147	Montmorillonite-loaded ceria nanocomposites with superior peroxidase-like activity for rapid colorimetric detection of H 2 O 2. *Sensors and Actuators B: Chemical*, **2017**, 239, 848-856	8.5	134
146	Colorimetric and ultrasensitive detection of H2O2 based on Au/Co3O4-CeOx nanocomposites with enhanced peroxidase-like performance. *Sensors and Actuators B: Chemical*, **2018**, 271, 336-345	8.5	133
145	A facile strategy to prepare porphyrin functionalized ZnS nanoparticles and their peroxidase-like catalytic activity for colorimetric sensor of hydrogen peroxide and glucose. *Sensors and Actuators B: Chemical*, **2017**, 251, 339-348	8.5	120
144	Porphyrin-sensitized solar cells: systematic molecular optimization, coadsorption and cosensitization. *Chemical Communications*, **2018**, 54, 1811-1824	5.8	106
143	A facile preparation of montmorillonite-supported copper sulfide nanocomposites and their application in the detection of H 2 O 2. *Sensors and Actuators B: Chemical*, **2017**, 239, 28-35	8.5	94
142	Glutathione detection based on peroxidase-like activity of Co3O4□Montmorillonite nanocomposites. *Sensors and Actuators B: Chemical*, **2018**, 273, 1635-1639	8.5	86
141	Iron Doped CuSn(OH)6 Microspheres as a Peroxidase-Mimicking Artificial Enzyme for H2O2 Colorimetric Detection. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 14383-14393	8.3	82
140	Efficient solar cells sensitized by a promising new type of porphyrin: dye-aggregation suppressed by double strapping. *Chemical Science*, **2019**, 10, 2186-2192	9.4	81
139	FePt nanoparticles-decorated graphene oxide nanosheets as enhanced peroxidase mimics for sensitive response to HO. *Materials Science and Engineering C*, **2018**, 90, 610-620	8.3	74
138	Crab shell derived multi-hierarchical carbon materials as a typical recycling of waste for high performance supercapacitors. *Carbon*, **2019**, 141, 748-757	10.4	74
137	Charge separation, charge recombination, long-lived charge transfer state formation and intersystem crossing in organic electron donor/acceptor dyads. *Journal of Materials Chemistry C*, **2019**, 7, 12048-12074	7.1	73
136	Colorimetric Sensor Array for Discrimination of Heavy Metal Ions in Aqueous Solution Based on Three Kinds of Thiols as Receptors. *Analytical Chemistry*, **2018**, 90, 4770-4775	7.8	68
135	Glucose-sensitive colorimetric sensor based on peroxidase mimics activity of porphyrin-Fe3O4 nanocomposites. *Materials Science and Engineering C*, **2014**, 41, 142-51	8.3	68
134	A colorimetric sensor of H2O2 based on Co3O4□ontmorillonite nanocomposites with peroxidase activity. *New Journal of Chemistry*, **2018**, 42, 1501-1509	3.6	67

133	Porphyrin-Based Porous Organic Frameworks as a Biomimetic Catalyst for Highly Efficient Colorimetric Immunoassay. *ACS Applied Materials & Interfaces*, **2017**, 9, 3514-3523	9.5	62
132	Fe-doped Ag2S with excellent peroxidase-like activity for colorimetric determination of H2O2. *Journal of Alloys and Compounds*, **2019**, 785, 1189-1197	5.7	61
131	Multiply Wrapped Porphyrin Dyes with a Phenothiazine Donor: A High Efficiency of 11.7% Achieved through a Synergetic Coadsorption and Cosensitization Approach. *ACS Applied Materials & Interfaces*, **2019**, 11, 5046-5054	9.5	61
130	N,N?-Di-carboxymethyl perylene diimide functionalized magnetic nanocomposites with enhanced peroxidase-like activity for colorimetric sensing of H2O2 and glucose. *New Journal of Chemistry*, **2017**, 41, 5853-5862	3.6	60
129	FeNi Cubic Carbon Coupled with N-Doped Graphene toward Efficient Electrochemical Water Oxidation. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 8266-8273	8.3	56
128	N,N?-di-caboxy methyl perylene diimide (PDI) functionalized CuO nanocomposites with enhanced peroxidase-like activity and their application in visual biosensing of H2O2 and glucose. *RSC Advances*, **2017**, 7, 25220-25228	3.7	55
127	Synthesis of well-dispersed Fe3O4 nanoparticles loaded on montmorillonite and sensitive colorimetric detection of H2O2 based on its peroxidase-like activity. *New Journal of Chemistry*, **2018**, 42, 9578-9587	3.6	54
126	Tumor microenvironment responsive FePt/MoS nanocomposites with chemotherapy and photothermal therapy for enhancing cancer immunotherapy. *Nanoscale*, **2019**, 11, 19912-19922	7.7	51
125	Organic Sensitizers with Extended Conjugation Frameworks as Cosensitizers of Porphyrins for Developing Efficient Dye-Sensitized Solar Cells. *ACS Applied Materials & Interfaces*, **2018**, 10, 38880-38891	9.5	51
124	Si Doped CoO Nanorods as Peroxidase Mimics for Colorimetric Sensing of Reduced Glutathione. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 13989-13998	8.3	50
123	One-step preparation of one dimensional nickel ferrites/graphene composites for supercapacitor electrode with excellent cycling stability. *Journal of Power Sources*, **2018**, 396, 41-48	8.9	49
122	One-pot synthesis of porphyrin functionalized Fe2O3 nanocomposites as peroxidase mimics for H2O2 and glucose detection. *Materials Science and Engineering C*, **2015**, 55, 193-200	8.3	47
121	Enhanced peroxidase-like activity of porphyrin functionalized ceria nanorods for sensitive and selective colorimetric detection of glucose. *Materials Science and Engineering C*, **2016**, 59, 445-453	8.3	43
120	Perylene diimide-functionalized CeO nanocomposite as a peroxidase mimic for colorimetric determination of hydrogen peroxide and glutathione. *Mikrochimica Acta*, **2019**, 186, 332	5.8	42
119	High-performance peroxidase mimics for rapid colorimetric detection of HO and glucose derived from perylene diimides functionalized CoO nanoparticles. *Materials Science and Engineering C*, **2017**, 80, 558-565	8.3	42
118	Systematic optimization of the substituents on the phenothiazine donor of doubly strapped porphyrin sensitizers: an efficiency over 11% unassisted by any cosensitizer or coadsorbent. *Journal of Materials Chemistry A*, **2019**, 7, 20854-20860	13	41
117	Higher catalytic activity of porphyrin functionalized CoO nanostructures for visual and colorimetric detection of HO and glucose. *Materials Science and Engineering C*, **2014**, 43, 321-9	8.3	41
116	Efficient bifunctional vanadium-doped Ni3S2 nanorod array for overall water splitting. *Inorganic Chemistry Frontiers*, **2019**, 6, 443-450	6.8	39

115	Carboxylic acid stimulated silver shell isomerism in a triple core-shell Ag nanocluster. *Chemical Science*, **2019**, 10, 4862-4867	9.4	38
114	Vanadium and nitrogen co-doped CoP nanoleaf array as pH-universal electrocatalyst for efficient hydrogen evolution. *Journal of Alloys and Compounds*, **2019**, 791, 1070-1078	5.7	38
113	FePt@MnO-Based Nanotheranostic Platform with Acidity-Triggered Dual-Ions Release for Enhanced MR Imaging-Guided Ferroptosis Chemodynamic Therapy. *ACS Applied Materials & Interfaces*, **2019**, 11, 38395-38404	9.5	37
112	Electronic-Tongue Colorimetric-Sensor Array for Discrimination and Quantitation of Metal Ions Based on Gold-Nanoparticle Aggregation. *Analytical Chemistry*, **2019**, 91, 6315-6320	7.8	37
111	An exceptionally long-lived triplet state of red light-absorbing compact phenothiazine-styrylBodipy electron donor/acceptor dyads: a better alternative to the heavy atom-effect?. *Chemical Communications*, **2020**, 56, 1721-1724	5.8	37
110	CoFeP hollow cube as advanced electrocatalyst for water oxidation. *Inorganic Chemistry Frontiers*, **2019**, 6, 604-611	6.8	35
109	Hybrid of Fe4[Fe(CN)6]3 nanocubes and MoS2 nanosheets on nitrogen-doped graphene realizing improved electrochemical hydrogen production. *Electrochimica Acta*, **2018**, 263, 140-146	6.7	35
108	"Aggregation-to-Deaggregation" Colorimetric Signal Amplification Strategy for Ag Detection at the Femtomolar Level with Dark-Field Microscope Observation. *Analytical Chemistry*, **2018**, 90, 11723-11727	7.8	34
107	The catalytic activity of Ag2S-montmorillonites as peroxidase mimetic toward colorimetric detection of H2O2. *Materials Science and Engineering C*, **2016**, 65, 109-15	8.3	33
106	N-doped reduced graphene oxide supported mixed Ni2PCoP realize efficient overall water electrolysis. *Electrochimica Acta*, **2018**, 282, 626-633	6.7	32
105	Cobalt and nickel bimetallic sulfide nanoparticles immobilized on montmorillonite demonstrating peroxidase-like activity for H2O2 detection. *New Journal of Chemistry*, **2018**, 42, 18749-18758	3.6	31
104	Porphyrin functionalized Co(OH)/GO nanocomposites as an excellent peroxidase mimic for colorimetric biosensing. *Analyst, The*, **2019**, 144, 5284-5291	5	30
103	Porphyrin sensitizers containing an auxiliary benzotriazole acceptor for dye-sensitized solar cells: Effects of steric hindrance and cosensitization. *Dyes and Pigments*, **2018**, 155, 323-331	4.6	28
102	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. *Frontiers in Chemistry*, **2019**, 7, 821	5	28
101	Red Thermally Activated Delayed Fluorescence and the Intersystem Crossing Mechanisms in Compact NaphthalimidePhenothiazine Electron Donor/Acceptor Dyads. *Journal of Physical Chemistry C*, **2019**, 123, 30171-30186	3.8	28
100	Vanadium doping over Ni3S2 nanosheet array for improved overall water splitting. *Applied Surface Science*, **2019**, 489, 815-823	6.7	27
99	Transition-metal-free regioselective cross-coupling of BODIPYs with thiols. *Chemical Communications*, **2019**, 55, 1639-1642	5.8	26
98	5,10,15,20-tetrakis(4-carboxyl phenyl)porphyrin-CdS nanocomposites with intrinsic peroxidase-like activity for glucose colorimetric detection. *Materials Science and Engineering C*, **2014**, 42, 177-84	8.3	26

97	A novel multifunctional FePt/BP nanoplatform for synergistic photothermal/photodynamic/chemodynamic cancer therapies and photothermally-enhanced immunotherapy. *Journal of Materials Chemistry B*, **2020**, 8, 8010-8021	7.3	26
96	A facile strategy for the preparation of ZnS nanoparticles deposited on montmorillonite and their higher catalytic activity for rapidly colorimetric detection of H2O2. *Materials Science and Engineering C*, **2016**, 67, 188-194	8.3	26
95	Multi-layer CeO2-wrapped Ag2S microspheres with enhanced peroxidase-like activity for sensitive detection of dopamine. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 565, 1-7	5.1	26
94	Enhanced hydrogen evolution of MoS2/RGO: vanadium, nitrogen dopants triggered new active sites and expanded interlayer. *Inorganic Chemistry Frontiers*, **2018**, 5, 2092-2099	6.8	26
93	Selective Photocatalysis Approach for Introducing ArS Units into BODIPYs through Thiyl Radicals. *Organic Letters*, **2019**, 21, 733-736	6.2	24
92	Peroxidase mimetic activity of porphyrin modified ZnFeO/reduced graphene oxide and its application for colorimetric detection of HO and glutathione. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 567-575	6	22
91	Solar Cells Sensitized with Porphyrin Dyes Containing Oligo(Ethylene Glycol) Units: A High Efficiency Beyond 12 . *ChemSusChem*, **2019**, 12, 2802-2809	8.3	22
90	Efficient solar cells based on cosensitizing porphyrin dyes containing a wrapped donor, a wrapped Framework and a substituted benzothiadiazole unit. *Science China Chemistry*, **2019**, 62, 994-1000	7.9	18
89	Two-dimensional porphyrin-Co9S8 nanocomposites with synergistic peroxidase-like catalysis: Synthesis and application toward colorimetric biosensing of H2O2 and glutathione. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 568, 248-258	5.1	18
88	Metal-Free 2(3),9(10),16(17),23(24)-Octamethoxyphthalocyanine-Modified Uniform CoSn(OH)6 Nanocubes: Enhanced Peroxidase-like Activity, Catalytic Mechanism, and Fast Colorimetric Sensing for Cholesterol. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 9404-9414	8.3	18
87	Hierarchical multi-shell 66-nuclei silver nanoclusters trapping subvalent Ag kernels. *Chemical Communications*, **2019**, 55, 10296-10299	5.8	18
86	One-step in situ synthesis of strontium ferrites and strontium ferrites/graphene composites as microwave absorbing materials. *RSC Advances*, **2017**, 7, 40650-40657	3.7	18
85	Ni3[Fe(CN)6]2 nanocubes boost the catalytic activity of Pt for electrochemical hydrogen evolution. *Inorganic Chemistry Frontiers*, **2018**, 5, 1683-1689	6.8	18
84	One-step in situ growth of magnesium ferrite nanorods on graphene and their microwave-absorbing properties. *Applied Organometallic Chemistry*, **2018**, 32, e4017	3.1	17
83	A pillar-layered porous CoII-MOF with dual active sites for selective gas adsorption. *CrystEngComm*, **2018**, 20, 4905-4909	3.3	17
82	Ultrasmall Ternary FePtMn Nanocrystals with Acidity-Triggered Dual-Ions Release and Hypoxia Relief for Multimodal Synergistic Chemodynamic/Photodynamic/Photothermal Cancer Therapy. *Advanced Healthcare Materials*, **2020**, 9, e1901634	10.1	17
81	5,10,15,20-tetrakis (4-carboxylphenyl) porphyrin functionalized NiCo2S4 yolk-shell nanospheres: Excellent peroxidase-like activity, catalytic mechanism and fast cascade colorimetric biosensor for cholesterol. *Sensors and Actuators B: Chemical*, **2021**, 326, 128850	8.5	17
80	Novel OnOff Colorimetric Sensor for Glutathione Based on Peroxidase Activity of Montmorillonite-Loaded TiO2 Functionalized by Porphyrin Precisely Controlled by Visible Light. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 18105-18113	8.3	16

79	Colorimetric ascorbic acid sensing from a synergetic catalytic strategy based on 5,10,15,20-tetra(4-pyridyl)-21H,23H-porphyrin functionalized CuS nanohexahedrons with the enhanced peroxidase-like activity. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 598, 124855	5.1	16
78	Phenanthro[]-Fused BODIPYs through Tandem Suzuki and Oxidative Aromatic Couplings: Synthesis and Photophysical Properties. *Journal of Organic Chemistry*, **2019**, 84, 9693-9704	4.2	16
77	Rapid colorimetric determination of dopamine based on the inhibition of the peroxidase mimicking activity of platinum loaded CoSn(OH) nanocubes. *Mikrochimica Acta*, **2019**, 186, 755	5.8	16
76	Corrole functionalized iron oxide nanocomposites as enhanced peroxidase mimic and their application in H2O2 and glucose colorimetric sensing. *Engineered Science*, **2018**,	3.8	16
75	5,10,15,20-Tetrakis(4-carboxylphenyl)porphyrin modified nickel-cobalt layer double hydroxide nanosheets as enhanced photoelectrocatalysts for methanol oxidation under visible-light. *Journal of Colloid and Interface Science*, **2020**, 561, 881-889	9.3	16
74	Meso-tetrakis(4-chlorophenyl)porphyrin functionalized CuFe2O4/SiO2 nanocomposites with enhanced peroxidase-like activity conveniently using for visual biosensing at room temperature. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 569, 28-34	5.1	16
73	Enclosing classical polyoxometallates in silver nanoclusters. *Nanoscale*, **2019**, 11, 10927-10931	7.7	15
72	Facile fabrication of a NiO/Ag3PO4 Z-scheme photocatalyst with enhanced visible-light-driven photocatalytic activity. *New Journal of Chemistry*, **2020**, 44, 12806-12814	3.6	15
71	A Triple-Channel Colorimetric Sensor Array for Identification of Biothiols Based on Color RGB (Red/Green/Blue) as Signal Readout. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17482-17490	8.3	15
70	VS -Decorated Carbon Nanotubes for Lithium Storage with Pseudocapacitance Contribution. *ChemSusChem*, **2020**, 13, 1637-1644	8.3	15
69	Solar cells sensitized by porphyrin dyes containing a substituted carbazole donor with synergistically extended absorption and suppressed the dye aggregation. *Chinese Chemical Letters*, **2020**, 31, 1927-1930	8.1	14
68	Colorimetric Differentiation of Flavonoids Based on Effective Reactivation of Acetylcholinesterase Induced by Different Affnities between Flavonoids and Metal Ions. *Analytical Chemistry*, **2020**, 92, 3361-3365	7.8	14
67	Colorimetric Differentiation of Multiple Oxidizing Anions Based on Two Core-Shell Au@Ag Nanoparticles with Different Morphologies as Array Recognition Elements. *Analytical Chemistry*, **2020**, 92, 7123-7129	7.8	14
66	Colorimetric Detection of Thrombin Based on Intensity of Gold Nanoparticle Oligomers with Dark-Field Microscope. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 6738-6745	8.3	14
65	Self-assembly into temperature dependent micro-/nano-aggregates of 5,10,15,20-tetrakis(4-carboxyl phenyl)-porphyrin. *Materials Science and Engineering C*, **2013**, 33, 4944-51	8.3	14
64	Colorimetric aggregation based cadmium(II)assay by using triangular silver nanoplatesfunctionalized with 1-amino-2-naphthol-4-sulfonate. *Mikrochimica Acta*, **2017**, 185, 6	5.8	14
63	Development of BODIPY dyes with versatile functional groups at 3,5-positions from diacyl peroxides via Cu(ii)-catalyzed radical alkylation. *Chemical Communications*, **2019**, 55, 4691-4694	5.8	13
62	Novel synthesis of NiS/MMT/GO nanocomposites with enhanced peroxidase-like activity for sensitive colorimetric detection of glutathione in solution. *Advanced Composites and Hybrid Materials*, **2018**, 1, 612-623	8.7	13

61	A functional FePt@MOFs (MIL-101(Fe)) nano-platform for high efficient colorimetric determination of HO. *Analyst, The*, **2019**, 144, 2716-2724	5	12
60	Preparation of porphyrin modified CO9S8 nanocomposites and application for colorimetric biosensing of H2O2. *Journal of Porphyrins and Phthalocyanines*, **2018**, 22, 935-943	1.8	12
59	3,4:9,10-perylene tetracarboxylic acid-modified zinc ferrite with the enhanced peroxidase activity for sensing of ascorbic acid. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 586, 124250	5.1	12
58	Pt deposited on magnetic CoFe2O4 nanoparticles: Double enzyme-like activity, catalytic mechanism and fast colorimetric sensing of dopamine. *Microchemical Journal*, **2020**, 158, 105264	4.8	12
57	Flower-like CeO2/CoO p□ Heterojuncted Nanocomposites with Enhanced Peroxidase-Mimicking Activity for l-Cysteine Sensing. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 17540-17550	8.3	12
56	Solar cells sensitized with porphyrin dyes with a carbazole donor: The effects of an auxiliary benzothiadiazole acceptor and bulky substituents on the donor. *Dyes and Pigments*, **2019**, 171, 107776	4.6	11
55	A high-efficiency noble metal-free electrocatalyst of cobalt-iron layer double hydroxides nanorods coupled with graphene oxides grown on a nickel foam towards methanol electrooxidation. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 112, 212-221	5.3	11
54	Enhanced peroxidase-like activity of MMT-supported cuprous oxide nanocomposites toward rapid colorimetric estimation of H2O2. *Applied Organometallic Chemistry*, **2019**, 33, e4716	3.1	11
53	Magnetic Flower-like Fe-Doped CoO Nanocomposites with Dual Enzyme-like Activities for Facile and Sensitive Determination of HO and Dopamine. *Inorganic Chemistry*, **2021**, 60, 1893-1901	5.1	11
52	Enhanced peroxidase-like activity of porphyrin functionalized ZnFe2O4 hollow nanospheres for rapid detection of H2O2 and glucose. *New Journal of Chemistry*, **2018**, 42, 18189-18200	3.6	11
51	Cationic polymer-based plasmonic sensor array that discriminates proteins. *Analyst, The*, **2018**, 143, 5578-5582	5	11
50	Unconventional dihydrogen-bond interaction induced cyanide-bridged chiral nano-sized magnetic molecular wheel: synthesis, crystal structure and systematic theoretical magnetism investigation. *Journal of Materials Chemistry C*, **2019**, 7, 3623-3633	7.1	10
49	N,N-dicarboxymethyl Perylene-diimide modified CeCoO: Enhanced peroxidase activity, synergetic catalytic mechanism and glutathione colorimetric sensing. *Talanta*, **2020**, 218, 121142	6.2	10
48	Cobalt tuned copper sulfide on montmorillonite: Peroxidase-like activity, catalytic mechanism and colorimetric sensing of hydrogen peroxide. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 602, 125063	5.1	10
47	Determining Alkaline Phosphatase Based on Core□Shell [email□protected] Nanocubes by Single-Particle Dark-Field Images. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 4555-4560	8.3	10
46	The facile preparation of 5,10,15,20-tetrakis(4-carboxyl phenyl) porphyrin-CdS nanocomposites and their photocatalytic activity. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2014**, 188, 106-113	3.1	10
45	Charge separation, recombination and intersystem crossing of directly connected perylenemonoimide-carbazole electron donor/acceptor dyads. *Physical Chemistry Chemical Physics*, **2020**, 22, 6376-6390	3.6	9
44	Core-shell structured Ag-CoO nanoparticles with superior peroxidase-like activity for colorimetric sensing hydrogen peroxide and o-phenylenediamine. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 603, 125283	5.1	9

43	Fluorescent sensor array for discrimination of biothiols based on poly(thymine/cytosine)-templated copper nanoparticles. *Analytica Chimica Acta*, **2019**, 1051, 147-152	6.6	9
42	Fast colorimetric sensing of H2O2 and glutathione based on Pt deposited on NiCo layered double hydroxide with double peroxidase-/oxidase-like activity. *Inorganic Chemistry Communication*, **2021**, 123, 108331	3.1	8
41	A Chrono-Colorimetric Sensor Array for Differentiation of Catechins Based on Silver Nitrate-Induced Metallization of Gold Nanoparticles at Different Reaction Time Intervals. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17306-17312	8.3	7
40	A facile one-pot synthesis of higher yield porphyrin functionalized Co3O4 nanoparticles. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2015**, 198, 57-61	3.1	7
39	Electrodepositing Ru on carbon cloth supported Co(OH)2 nanosheet array for active overall water electrolysis. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 109, 71-78	5.3	7
38	Ruthenium doped Ni2P nanosheet arrays for active hydrogen evolution in neutral and alkaline water. *Sustainable Energy and Fuels*, **2020**, 4, 1883-1890	5.8	7
37	A study of the inclusion of 1-hexyl-4-(4-pyridyl)pyridinium bromide in cucurbit[6]uril. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2018**, 90, 357-363	1.7	7
36	Ce-doped ZnCo2O4 nanospheres: Synthesis, double enzyme-like performances, catalytic mechanism and fast colorimetric determination for glutathione. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 607, 125466	5.1	7
35	Hg Significantly Enhancing the Peroxidase-Like Activity of HTCPP/ZnS/CoS Nanoperoxidases by Inducing the Formation of Surface-Cation Defects and Application for the Sensitive and Selective Detection of Hg in the Environment. *Inorganic Chemistry*, **2020**, 59, 18384-18395	5.1	7
34	V2O5-montmorillonite nanocomposites of peroxidase-like activity and their application in the detection of H2O2 and glutathione. *Applied Clay Science*, **2020**, 195, 105718	5.2	7
33	Hybrid NiCo hydrogen carbonate with Pt nanoparticles on nickel foam for alkaline water hydrogen evolution. *Journal of Alloys and Compounds*, **2020**, 833, 155131	5.7	7
32	Perylene diimide-modified magnetic Fe2O3/CeO2 nanoparticles as peroxidase mimics for highly sensitive colorimetric detection of Vitamin C. *Applied Organometallic Chemistry*, **2019**, 33, e4884	3.1	6
31	Rapid colorimetric sensing of ascorbic acid based on the excellent peroxidase-like activity of Pt deposited on ZnCo2O4 spheres. *New Journal of Chemistry*, **2020**, 44, 12002-12008	3.6	6
30	Hydroquinone colorimetric sensing based on platinum deposited on CdS nanorods as peroxidase mimics. *Mikrochimica Acta*, **2020**, 187, 587	5.8	6
29	A flowerlike FePt/MnO/GOx-based cascade nanoreactor with sustainable O supply for synergistic starvation-chemodynamic anticancer therapy. *Journal of Materials Chemistry B*, **2021**, 9, 8480-8490	7.3	6
28	Cerium and nitrogen doped CoP nanorod arrays for hydrogen evolution in all pH conditions. *Sustainable Energy and Fuels*, **2019**, 3, 3344-3351	5.8	5
27	Ultrasensitive colorimetric detection of Hg ions based on enhanced catalytic performance of gold amalgam dispersed in channels of rose petals. *Analyst, The*, **2019**, 144, 1205-1209	5	5
26	Porphyrin-Modified Cobalt Sulfide as a Developed Noble Metal-free Photoelectrocatalyst toward Methanol Oxidation under Visible Light. *Journal of Physical Chemistry C*, **2020**, 124, 26678-26687	3.8	5

25	Heterobimetallic complexes from 0D clusters to 3D networks based on various polycyanometallates and [Cu(dmpn)2]2+ (dmpn = 2,2-dimethyl-1,3-diaminopropane): synthesis, crystal structures and magnetic properties. *CrystEngComm*, **2020**, 22, 2806-2816	3.3	5
24	A serials of sandwich-like trinuclear and one-dimensional chain cyanide-bridged iron(III)-copper(II) complexes: Syntheses, crystal structures and magnetic properties. *Journal of Solid State Chemistry*, **2018**, 260, 59-66	3.3	5
23	Multiple noncovalent interaction constructed polymeric supramolecular crystals: recognition of butyl viologen by para-dicyclohexanocucurbit[6]uril and ₱,₱-tetramethylcucurbit[6]uril. *Organic Chemistry Frontiers*, **2017**, 4, 2422-2427	5.2	5
22	One-dimensional cyanide-bridged Fe(III)₱Mn(II) magnetic complexes with different configurations derived from a new pentacyanoiron(III) building block. *Transition Metal Chemistry*, **2020**, 45, 373-380	2.1	4
21	5,10,15,20-tetrakis (4-carboxyl phenyl) porphyrin-functionalized urchin-like CuCoO as an excellent artificial nanozyme for determination of dopamine. *Mikrochimica Acta*, **2021**, 188, 171	5.8	4
20	A colorimetric sensor array for detection and discrimination of antioxidants based on Ag nanoshell deposition on gold nanoparticle surfaces. *Analyst, The*, **2019**, 144, 6276-6282	5	4
19	Organic-Inorganic Composite Nanorods as an Excellent Mimicking Peroxidases for Colorimetric Detection and Evaluation of Antioxidant.. *ACS Applied Bio Materials*, **2020**, 3, 2499-2506	4.1	3
18	Determination of nickel(II) at nanomolar levels using iodide-responsive gold-copper nanoparticles as colorimetric probes. *Mikrochimica Acta*, **2018**, 185, 88	5.8	3
17	Combinatorial experimental and DFT theoretical investigation over the formation mechanism of a binuclear phthalocyanine dimer. *RSC Advances*, **2017**, 7, 53043-53047	3.7	2
16	A cyanide-bridged Fe-Mn heterobimetallic one-dimensional coordination polymer: synthesis, crystal structure, experimental and theoretical magnetism investigation. *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 1475-1481	0.8	2
15	Photoelectrochemical thrombin biosensor based on perylene-3,4,9,10-tetracarboxylic acid and Au co-functionalized ZnO nanorods with signal-off quenching effect of Ag@AgS. *Analyst, The*, **2021**, 146, 855-863	5	2
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13	CoO Nanotubes Loaded on Graphene and Modified with Porphyrin Moieties for Colorimetric Sensing of Dopamine. *ACS Applied Nano Materials*, **2021**, 4, 8706-8715	5.6	2
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