

Qing-Yun Liu

List of Publications by Year in descending order

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155
papers

6,364
citations

50273

46
h-index

88628

70
g-index

155
all docs

155
docs citations

155
times ranked

5580
citing authors

#	ARTICLE	IF	CITATIONS
1	NiO nanoparticles modified with 5,10,15,20-tetrakis(4-carboxyl phenyl)-porphyrin: Promising peroxidase mimetics for H ₂ O ₂ and glucose detection. <i>Biosensors and Bioelectronics</i> , 2015, 64, 147-153.	10.1	287
2	FePt-Au ternary metallic nanoparticles with the enhanced peroxidase-like activity for ultrafast colorimetric detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 775-783.	7.8	222
3	One-step synthesis of uniform nanoparticles of porphyrin functionalized ceria with promising peroxidase mimetics for H ₂ O ₂ and glucose colorimetric detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 726-734.	7.8	195
4	Colorimetric and ultrasensitive detection of H ₂ O ₂ based on Au/Co ₃ O ₄ -CeO _x nanocomposites with enhanced peroxidase-like performance. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 336-345.	7.8	182
5	Montmorillonite-loaded ceria nanocomposites with superior peroxidase-like activity for rapid colorimetric detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 848-856.	7.8	170
6	A facile strategy to prepare porphyrin functionalized ZnS nanoparticles and their peroxidase-like catalytic activity for colorimetric sensor of hydrogen peroxide and glucose. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 339-348.	7.8	145
7	Porphyrin-sensitized solar cells: systematic molecular optimization, coadsorption and cosensitization. <i>Chemical Communications</i> , 2018, 54, 1811-1824.	4.1	138
8	Charge separation, charge recombination, long-lived charge transfer state formation and intersystem crossing in organic electron donor/acceptor dyads. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12048-12074.	5.5	137
9	Glutathione detection based on peroxidase-like activity of Co ₃ O ₄ –Montmorillonite nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1635-1639.	7.8	119
10	Efficient solar cells sensitized by a promising new type of porphyrin: dye-aggregation suppressed by double strapping. <i>Chemical Science</i> , 2019, 10, 2186-2192.	7.4	116
11	A facile preparation of montmorillonite-supported copper sulfide nanocomposites and their application in the detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 28-35.	7.8	112
12	Crab shell derived multi-hierarchical carbon materials as a typical recycling of waste for high performance supercapacitors. <i>Carbon</i> , 2019, 141, 748-757.	10.3	108
13	Iron Doped CuSn(OH) ₆ Microspheres as a Peroxidase-Mimicking Artificial Enzyme for H ₂ O ₂ Colorimetric Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14383-14393.	6.7	103
14	FePt nanoparticles-decorated graphene oxide nanosheets as enhanced peroxidase mimics for sensitive response to H ₂ O ₂ . <i>Materials Science and Engineering C</i> , 2018, 90, 610-620.	7.3	93
15	Porphyrin-Based Porous Organic Frameworks as a Biomimetic Catalyst for Highly Efficient Colorimetric Immunoassay. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3514-3523.	8.0	88
16	Colorimetric Sensor Array for Discrimination of Heavy Metal Ions in Aqueous Solution Based on Three Kinds of Thiols as Receptors. <i>Analytical Chemistry</i> , 2018, 90, 4770-4775.	6.5	87
17	Fe-doped Ag ₂ S with excellent peroxidase-like activity for colorimetric determination of H ₂ O ₂ . <i>Journal of Alloys and Compounds</i> , 2019, 785, 1189-1197.	5.5	84
18	Multiply Wrapped Porphyrin Dyes with a Phenothiazine Donor: A High Efficiency of 11.7% Achieved through a Synergetic Coadsorption and Cosensitization Approach. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5046-5054.	8.0	83

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19	Glucose-sensitive colorimetric sensor based on peroxidase mimics activity of porphyrin-Fe ₃ O ₄ nanocomposites. <i>Materials Science and Engineering C</i> , 2014, 41, 142-151.	7.3	81
20	A colorimetric sensor of H ₂ O ₂ based on Co ₃ O ₄ @montmorillonite nanocomposites with peroxidase activity. <i>New Journal of Chemistry</i> , 2018, 42, 1501-1509.	2.8	79
21	Si Doped CoO Nanorods as Peroxidase Mimics for Colorimetric Sensing of Reduced Glutathione. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13989-13998.	6.7	75
22	One-step preparation of one dimensional nickel ferrites/graphene composites for supercapacitor electrode with excellent cycling stability. <i>Journal of Power Sources</i> , 2018, 396, 41-48.	7.8	73
23	Tumor microenvironment responsive FePt/MoS ₂ nanocomposites with chemotherapy and photothermal therapy for enhancing cancer immunotherapy. <i>Nanoscale</i> , 2019, 11, 19912-19922.	5.6	73
24	FeNi Cubic Cage@N-Doped Carbon Coupled with N-Doped Graphene toward Efficient Electrochemical Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8266-8273.	6.7	68
25	Systematic optimization of the substituents on the phenothiazine donor of doubly strapped porphyrin sensitizers: an efficiency over 11% unassisted by any cosensitizer or coadsorbent. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20854-20860.	10.3	68
26	FePt@MnO-Based Nanotheranostic Platform with Acidity-Triggered Dual-Ions Release for Enhanced MR Imaging-Guided Ferroptosis Chemodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38395-38404.	8.0	67
27	N,N'-Di-carboxymethyl perylene diimide functionalized magnetic nanocomposites with enhanced peroxidase-like activity for colorimetric sensing of H ₂ O ₂ and glucose. <i>New Journal of Chemistry</i> , 2017, 41, 5853-5862.	2.8	65
28	Synthesis of well-dispersed Fe ₃ O ₄ nanoparticles loaded on montmorillonite and sensitive colorimetric detection of H ₂ O ₂ based on its peroxidase-like activity. <i>New Journal of Chemistry</i> , 2018, 42, 9578-9587.	2.8	65
29	Organic Sensitizers with Extended Conjugation Frameworks as Cosensitizers of Porphyrins for Developing Efficient Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38880-38891.	8.0	65
30	Perylene diimide-functionalized CeO ₂ nanocomposite as a peroxidase mimic for colorimetric determination of hydrogen peroxide and glutathione. <i>Mikrochimica Acta</i> , 2019, 186, 332.	5.0	64
31	Carboxylic acid stimulated silver shell isomerism in a triple core-shell Ag ₈₄ nanocluster. <i>Chemical Science</i> , 2019, 10, 4862-4867.	7.4	63
32	Red Thermally Activated Delayed Fluorescence and the Intersystem Crossing Mechanisms in Compact Naphthalimide-Phenothiazine Electron Donor/Acceptor Dyads. <i>Journal of Physical Chemistry C</i> , 2019, 123, 30171-30186.	3.1	63
33	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. <i>Frontiers in Chemistry</i> , 2019, 7, 821.	3.6	62
34	CoFeP hollow cube as advanced electrocatalyst for water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 604-611.	6.0	61
35	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?. <i>Chemical Communications</i> , 2020, 56, 1721-1724.	4.1	61
36	N,N'-di-carboxy methyl perylene diimide (PDI) functionalized CuO nanocomposites with enhanced peroxidase-like activity and their application in visual biosensing of H ₂ O ₂ and glucose. <i>RSC Advances</i> , 2017, 7, 25220-25228.	3.6	58

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37	A novel multifunctional FePt/BP nanoplatform for synergistic photothermal/photodynamic/chemodynamic cancer therapies and photothermally-enhanced immunotherapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8010-8021.	5.8	58
38	One-pot synthesis of porphyrin functionalized Fe_3O_4 nanocomposites as peroxidase mimics for H_2O_2 and glucose detection. <i>Materials Science and Engineering C</i> , 2015, 55, 193-200.	7.3	57
39	Efficient bifunctional vanadium-doped Ni_3S_2 nanorod array for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 443-450.	6.0	54
40	5,10,15,20-tetrakis (4-carboxylphenyl) porphyrin functionalized NiCo_2S_4 yolk-shell nanospheres: Excellent peroxidase-like activity, catalytic mechanism and fast cascade colorimetric biosensor for cholesterol. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128850.	7.8	52
41	High-performance peroxidase mimics for rapid colorimetric detection of H_2O_2 and glucose derived from perylene diimides functionalized Co_3O_4 nanoparticles. <i>Materials Science and Engineering C</i> , 2017, 80, 558-565.	7.3	51
42	Electronic-Tongue Colorimetric-Sensor Array for Discrimination and Quantitation of Metal Ions Based on Gold-Nanoparticle Aggregation. <i>Analytical Chemistry</i> , 2019, 91, 6315-6320.	6.5	51
43	Vanadium doping over Ni_3S_2 nanosheet array for improved overall water splitting. <i>Applied Surface Science</i> , 2019, 489, 815-823.	6.1	50
44	Vanadium and nitrogen co-doped CoP nanoleaf array as pH-universal electrocatalyst for efficient hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2019, 791, 1070-1078.	5.5	50
45	Higher catalytic activity of porphyrin functionalized Co_3O_4 nanostructures for visual and colorimetric detection of H_2O_2 and glucose. <i>Materials Science and Engineering C</i> , 2014, 43, 321-329.	7.3	48
46	Enhanced peroxidase-like activity of porphyrin functionalized ceria nanorods for sensitive and selective colorimetric detection of glucose. <i>Materials Science and Engineering C</i> , 2016, 59, 445-453.	7.3	48
47	Aggregation-to-Deaggregation-Colorimetric Signal Amplification Strategy for Ag^+ Detection at the Femtomolar Level with Dark-Field Microscope Observation. <i>Analytical Chemistry</i> , 2018, 90, 11723-11727.	6.5	47
48	Porphyrin functionalized $\text{Co}(\text{OH})_2/\text{GO}$ nanocomposites as an excellent peroxidase mimic for colorimetric biosensing. <i>Analyst</i> , 2019, 144, 5284-5291.	3.5	45
49	N-doped reduced graphene oxide supported mixed Ni_2P CoP realize efficient overall water electrolysis. <i>Electrochimica Acta</i> , 2018, 282, 626-633.	5.2	43
50	Novel On-Off-Colorimetric Sensor for Glutathione Based on Peroxidase Activity of Montmorillonite-Loaded TiO_2 Functionalized by Porphyrin Precisely Controlled by Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18105-18113.	6.7	40
51	The catalytic activity of Ag_2S -montmorillonites as peroxidase mimetic toward colorimetric detection of H_2O_2 . <i>Materials Science and Engineering C</i> , 2016, 65, 109-115.	7.3	38
52	Hybrid of $\text{Fe}_4[\text{Fe}(\text{CN})_6]_3$ nanocubes and MoS_2 nanosheets on nitrogen-doped graphene realizing improved electrochemical hydrogen production. <i>Electrochimica Acta</i> , 2018, 263, 140-146.	5.2	38
53	Ultrasmall Ternary FePtMn Nanocrystals with Acidity-Triggered Dual-Ions Release and Hypoxia Relief for Multimodal Synergistic Chemodynamic/Photodynamic/Photothermal Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901634.	7.6	38
54	Enhanced hydrogen evolution of MoS_2/RGO : vanadium, nitrogen dopants triggered new active sites and expanded interlayer. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2092-2099.	6.0	36

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55	Transition-metal-free regioselective cross-coupling of BODIPYs with thiols. <i>Chemical Communications</i> , 2019, 55, 1639-1642.	4.1	36
56	Selective Photocatalysis Approach for Introducing ArS Units into BODIPYs through Thiyl Radicals. <i>Organic Letters</i> , 2019, 21, 733-736.	4.6	36
57	Peroxidase mimetic activity of porphyrin modified ZnFe ₂ O ₄ /reduced graphene oxide and its application for colorimetric detection of H ₂ O ₂ and glutathione. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 567-575.	5.0	36
58	Solar Cells Sensitized with Porphyrin Dyes Containing Oligo(Ethylene Glycol) Units: A High Efficiency Beyond 12%. <i>ChemSusChem</i> , 2019, 12, 2802-2809.	6.8	36
59	Porphyrin sensitizers containing an auxiliary benzotriazole acceptor for dye-sensitized solar cells: Effects of steric hindrance and cosensitization. <i>Dyes and Pigments</i> , 2018, 155, 323-331.	3.7	35
60	Cobalt and nickel bimetallic sulfide nanoparticles immobilized on montmorillonite demonstrating peroxidase-like activity for H ₂ O ₂ detection. <i>New Journal of Chemistry</i> , 2018, 42, 18749-18758.	2.8	34
61	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. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9404-9414.	6.7	34
62	VS ₄ -Decorated Carbon Nanotubes for Lithium Storage with Pseudocapacitance Contribution. <i>ChemSusChem</i> , 2020, 13, 1637-1644.	6.8	32
63	Solar cells sensitized by porphyrin dyes containing a substituted carbazole donor with synergistically extended absorption and suppressed the dye aggregation. <i>Chinese Chemical Letters</i> , 2020, 31, 1927-1930.	9.0	31
64	In situ decorating the surface and interlayer of montmorillonite with Co _{0.5} Ni _{0.5} Fe ₂ O ₄ nanoparticles: A sustainable, biocompatible colorimetric platform for H ₂ O ₂ and acetylcholine. <i>Nano Research</i> , 2022, 15, 9319-9326.	10.4	31
65	Enclosing classical polyoxometallates in silver nanoclusters. <i>Nanoscale</i> , 2019, 11, 10927-10931.	5.6	30
66	Multi-layer CeO ₂ -wrapped Ag ₂ S microspheres with enhanced peroxidase-like activity for sensitive detection of dopamine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 565, 1-7.	4.7	30
67	Colorimetric Differentiation of Flavonoids Based on Effective Reactivation of Acetylcholinesterase Induced by Different Affinities between Flavonoids and Metal Ions. <i>Analytical Chemistry</i> , 2020, 92, 3361-3365.	6.5	30
68	5,10,15,20-Tetrakis(4-carboxyl phenyl)porphyrin@CdS nanocomposites with intrinsic peroxidase-like activity for glucose colorimetric detection. <i>Materials Science and Engineering C</i> , 2014, 42, 177-184.	7.3	29
69	A facile strategy for the preparation of ZnS nanoparticles deposited on montmorillonite and their higher catalytic activity for rapidly colorimetric detection of H ₂ O ₂ . <i>Materials Science and Engineering C</i> , 2016, 67, 188-194.	7.3	29
70	One-step in situ synthesis of strontium ferrites and strontium ferrites/graphene composites as microwave absorbing materials. <i>RSC Advances</i> , 2017, 7, 40650-40657.	3.6	29
71	Rapid colorimetric determination of dopamine based on the inhibition of the peroxidase mimicking activity of platinum loaded CoSn(OH) ₆ nanocubes. <i>Mikrochimica Acta</i> , 2019, 186, 755.	5.0	29
72	Diatomic active sites nanozymes: Enhanced peroxidase-like activity for dopamine and intracellular H ₂ O ₂ detection. <i>Nano Research</i> , 2022, 15, 4266-4273.	10.4	29

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73	5,10,15,20-Tetrakis(4-carboxylphenyl)porphyrin modified nickel-cobalt layer double hydroxide nanosheets as enhanced photoelectrocatalysts for methanol oxidation under visible-light. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 881-889.	9.4	28
74	Flower-like CeO ₂ /CoO Heterojuncted Nanocomposites with Enhanced Peroxidase-Mimicking Activity for Cysteine Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 17540-17550.	6.7	28
75	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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 598, 124855.	4.7	28
76	One-step in situ growth of magnesium ferrite nanorods on graphene and their microwave absorbing properties. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4017.	3.5	27
77	A Triple-Channel Colorimetric Sensor Array for Identification of Biothiols Based on Color RGB (Red/Green/Blue) as Signal Readout. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17482-17490.	6.7	27
78	Efficient solar cells based on cosensitizing porphyrin dyes containing a wrapped donor, a wrapped π -framework and a substituted benzothiadiazole unit. <i>Science China Chemistry</i> , 2019, 62, 994-1000.	8.2	27
79	Facile fabrication of a NiO/Ag ₃ PO ₄ Z-scheme photocatalyst with enhanced visible-light-driven photocatalytic activity. <i>New Journal of Chemistry</i> , 2020, 44, 12806-12814.	2.8	27
80	Magnetic Flower-like Fe-Doped CoO Nanocomposites with Dual Enzyme-like Activities for Facile and Sensitive Determination of H ₂ O ₂ and Dopamine. <i>Inorganic Chemistry</i> , 2021, 60, 1893-1901.	4.0	27
81	Nano-scale minerals in-situ supporting CeO ₂ nanoparticles for off-on colorimetric detection of penicillamine and Cu ²⁺ ion. <i>Journal of Hazardous Materials</i> , 2022, 433, 128766.	12.4	27
82	Hierarchical multi-shell 66-nuclei silver nanoclusters trapping subvalent Ag ₆ kernels. <i>Chemical Communications</i> , 2019, 55, 10296-10299.	4.1	26
83	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. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 112, 212-221.	5.3	25
84	V ₂ O ₅ -montmorillonite nanocomposites of peroxidase-like activity and their application in the detection of H ₂ O ₂ and glutathione. <i>Applied Clay Science</i> , 2020, 195, 105718.	5.2	25
85	Phenanthro[5,6]-Fused BODIPYs through Tandem Suzuki and Oxidative Aromatic Couplings: Synthesis and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2019, 84, 9693-9704.	3.2	24
86	A functional FePt@MOFs (MIL-101(Fe)) nano-platform for high efficient colorimetric determination of H ₂ O ₂ . <i>Analyst</i> , 2019, 144, 2716-2724.	3.5	24
87	Ni ₃ [Fe(CN) ₆] ₂ nanocubes boost the catalytic activity of Pt for electrochemical hydrogen evolution. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1683-1689.	6.0	23
88	Two-dimensional porphyrin-Co ₉ S ₈ nanocomposites with synergistic peroxidase-like catalysis: Synthesis and application toward colorimetric biosensing of H ₂ O ₂ and glutathione. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 248-258.	4.7	23
89	5,10,15,20-tetrakis (4-carboxyl phenyl) porphyrin-functionalized urchin-like CuCo ₂ O ₄ as an excellent artificial nanozyme for determination of dopamine. <i>Mikrochimica Acta</i> , 2021, 188, 171.	5.0	23
90	Porphyrin-Modified NiS ₂ Nanoparticles Anchored on Graphene for the Specific Determination of Cholesterol. <i>ACS Applied Nano Materials</i> , 2021, 4, 11960-11968.	5.0	23

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91	A pillar-layered porous Co ^{II} -MOF with dual active sites for selective gas adsorption. <i>CrystEngComm</i> , 2018, 20, 4905-4909.	2.6	21
92	Meso-tetrakis(4-chlorophenyl)porphyrin functionalized CuFe ₂ O ₄ /SiO ₂ nanocomposites with enhanced peroxidase-like activity conveniently using for visual biosensing at room temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 569, 28-34.	4.7	21
93	Core-shell structured Ag-CoO nanoparticles with superior peroxidase-like activity for colorimetric sensing hydrogen peroxide and o-phenylenediamine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125283.	4.7	21
94	N,N-dicarboxymethyl Perylene-diimide modified CeCoO ₃ : Enhanced peroxidase activity, synergetic catalytic mechanism and glutathione colorimetric sensing. <i>Talanta</i> , 2020, 218, 121142.	5.5	21
95	Charge separation, recombination and intersystem crossing of directly connected perylenemonoimide-carbazole electron donor/acceptor dyads. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6376-6390.	2.8	21
96	Colorimetric Differentiation of Multiple Oxidizing Anions Based on Two Core-Shell Au@Ag Nanoparticles with Different Morphologies as Array Recognition Elements. <i>Analytical Chemistry</i> , 2020, 92, 7123-7129.	6.5	21
97	CoO Nanotubes Loaded on Graphene and Modified with Porphyrin Moieties for Colorimetric Sensing of Dopamine. <i>ACS Applied Nano Materials</i> , 2021, 4, 8706-8715.	5.0	21
98	Self-assembly into temperature dependent micro-/nano-aggregates of 5,10,15,20-tetrakis(4-carboxyl) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	7.3	20
99	Colorimetric aggregation based cadmium(II) assay by using triangular silver nanoplates functionalized with 1-amino-2-naphthol-4-sulfonate. <i>Mikrochimica Acta</i> , 2018, 185, 6.	5.0	20
100	Hg ²⁺ Significantly Enhancing the Peroxidase-Like Activity of H ₂ TCP/PP/ZnS/CoS Nanoperoxidases by Inducing the Formation of Surface-Cation Defects and Application for the Sensitive and Selective Detection of Hg ²⁺ in the Environment. <i>Inorganic Chemistry</i> , 2020, 59, 18384-18395.	4.0	20
101	Hydroquinone colorimetric sensing based on platinum deposited on CdS nanorods as peroxidase mimics. <i>Mikrochimica Acta</i> , 2020, 187, 587.	5.0	20
102	Corrole functionalized iron oxide nanocomposites as enhanced peroxidase mimic and their application in H ₂ O ₂ and glucose colorimetric sensing. <i>Engineered Science</i> , 2018, , .	2.3	19
103	Novel synthesis of NiS/MMT/GO nanocomposites with enhanced peroxidase-like activity for sensitive colorimetric detection of glutathione in solution. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 612-623.	21.1	18
104	Enhanced peroxidase-like activity of MMT-supported cuprous oxide nanocomposites toward rapid colorimetric estimation of H ₂ O ₂ . <i>Applied Organometallic Chemistry</i> , 2019, 33, e4716.	3.5	18
105	Rapid colorimetric sensing of ascorbic acid based on the excellent peroxidase-like activity of Pt deposited on ZnCo ₂ O ₄ spheres. <i>New Journal of Chemistry</i> , 2020, 44, 12002-12008.	2.8	18
106	A flowerlike FePt/MnO ₂ /GOx-based cascade nanoreactor with sustainable O ₂ supply for synergistic starvation-chemodynamic anticancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8480-8490.	5.8	18
107	Precise Design of Atomically Dispersed Fe, Pt Dinuclear Catalysts and Their Synergistic Application for Tumor Catalytic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20669-20681.	8.0	18
108	Colorimetric Detection of Thrombin Based on Intensity of Gold Nanoparticle Oligomers with Dark-Field Microscope. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6738-6745.	6.7	17

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109	A Chrono-Colorimetric Sensor Array for Differentiation of Catechins Based on Silver Nitrate-Induced Metallization of Gold Nanoparticles at Different Reaction Time Intervals. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17306-17312.	6.7	17
110	Development of BODIPY dyes with versatile functional groups at 3,5-positions from diacyl peroxides via Cu(II)-catalyzed radical alkylation. <i>Chemical Communications</i> , 2019, 55, 4691-4694.	4.1	17
111	3,4:9,10-perylene tetracarboxylic acid-modified zinc ferrite with the enhanced peroxidase activity for sensing of ascorbic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124250.	4.7	17
112	Ce-doped ZnCo ₂ O ₄ nanospheres: Synthesis, double enzyme-like performances, catalytic mechanism and fast colorimetric determination for glutathione. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125466.	4.7	16
113	Cobalt tuned copper sulfide on montmorillonite: Peroxidase-like activity, catalytic mechanism and colorimetric sensing of hydrogen peroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 602, 125063.	4.7	16
114	Enhanced peroxidase-like activity of porphyrin functionalized ZnFe ₂ O ₄ hollow nanospheres for rapid detection of H ₂ O ₂ and glucose. <i>New Journal of Chemistry</i> , 2018, 42, 18189-18200.	2.8	15
115	Preparation of porphyrin modified CO ₉ S ₈ nanocomposites and application for colorimetric biosensing of H ₂ O ₂ . <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 935-943.	0.8	15
116	Pt deposited on magnetic CoFe ₂ O ₄ nanoparticles: Double enzyme-like activity, catalytic mechanism and fast colorimetric sensing of dopamine. <i>Microchemical Journal</i> , 2020, 158, 105264.	4.5	15
117	Electrodepositing Ru on carbon cloth supported Co(OH) ₂ nanosheet array for active overall water electrolysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 109, 71-78.	5.3	15
118	Fast colorimetric sensing of H ₂ O ₂ and glutathione based on Pt deposited on NiCo layered double hydroxide with double peroxidase-/oxidase-like activity. <i>Inorganic Chemistry Communication</i> , 2021, 123, 108331.	3.9	15
119	Solar cells sensitized with porphyrin dyes with a carbazole donor: The effects of an auxiliary benzothiadiazole acceptor and bulky substituents on the donor. <i>Dyes and Pigments</i> , 2019, 171, 107776.	3.7	13
120	Hybrid NiCo hydrogen carbonate with Pt nanoparticles on nickel foam for alkaline water hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2020, 833, 155131.	5.5	13
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