Hua Wang

List of Publications by Year
in descending order

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261	12,208	22548	48101
papers	citations	61 h-index	92 g-index

296	296	296	11829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A magnet-renewable electroanalysis strategy for hydrogen sulfide in aquaculture freshwater using magnetic silver metal-organic frameworks. Analytica Chimica Acta, 2022, 1195, 339450.	2.6	10
2	Controllable doping of Fe atoms into MoS2 nanosheets towards peroxidase-like nanozyme with enhanced catalysis for colorimetric analysis of glucose. Applied Surface Science, 2022, 583, 152496.	3.1	39
3	Coating Fe3O4 quantum dots with sodium alginate showing enhanced catalysis for capillary array-based rapid analysis of H2O2 in milk. Food Chemistry, 2022, 380, 132188.	4.2	21
4	Zeolitic imidazolate framework-8 for ratiometric fluorescence sensing tetracyclines in environmental water based on AIE effects. Analytica Chimica Acta, 2022, 1199, 339576.	2.6	26
5	A selective electroanalysis and photocatalytic removal strategy for pesticide residues using urchin-like LaPO4@Ag. Electrochimica Acta, 2022, 410, 140039.	2.6	7
6	Lâ€“Cysteine Modulated ZIF for Deriving Nitrogenâ€Đoped Porous Carbon: A Highly Efficient and Stable Electrocatalyst for Oxygen Reduction Reactions. ChemistrySelect, 2022, 7, .	0.7	0
7	Water-soluble non-conjugated polymer dots with strong green fluorescence for sensitive detection of organophosphate pesticides. Analytica Chimica Acta, 2022, 1206, 339792.	2.6	7
8	Hollow C@MoS2 nanotubes with Hg2+-triggered oxidase-like catalysis: A colorimetric method for detection of Hg2+ ions in wastewater. Sensors and Actuators B: Chemical, 2022, 361, 131725.	4.0	22
9	A visible light-driven photoelectrochemical sensor for mercury (II) with â€œturn-onâ€•signal output through in-situ formation of double type-II heterostructure using CdS nanowires and ZnS quantum dots. Chemical Engineering Journal, 2022, 441, 136073.	6.6	36
10	Nitrogen plasma-mediated deposition of silver onto MoS2 towards robust nanozyme with enhanced catalysis for colorimetric assay of hydrogen sulfide in aquaculture water. Applied Surface Science, 2022, 597, 153686.	3.1	13
11	A fluorimetric test strip with suppressed â€œCoffee Ring Effectâ€•for selective mercury ion analysis. Analyst, The, 2022, 147, 2633-2639.	1.7	9
12	One-pot fabrication of nanozyme with 2D/1D heterostructure by in-situ growing MoS2 nanosheets onto single-walled carbon nanotubes with enhanced catalysis for colorimetric detection of glutathione. Analytica Chimica Acta, 2022, 1221, 340083.	2.6	14
13	Near-infrared light-driven photoelectrochemical sensor for mercury (II) detection using bead-chain-like Ag@Ag2S nanocomposites. Chemical Engineering Journal, 2021, 409, 128154.	6.6	52
14	Turning on the Photoelectrochemical Responses of Cd Probe-Deposited g-C₃N₄ Nanosheets by Nitrogen Plasma Treatment toward a Selective Sensor for H₂S. ACS Applied Materials & Interfaces, 2021, 13, 2052-2061.	4.0	34
15	Fabricating a wettable microwells array onto a nitrogen plasma-treated ITO substrate: high-throughput fluorimetric platform for selective sensing of ammonia in blood using polymer-stabilized NH₂-MIL-125. Journal of Materials Chemistry B, 2021, 9, 5998-6005.	2.9	3
16	In situ creation of ZnO@CdS nanoflowers on ITO electrodes for sensitive photoelectrochemical detection of copper ions in blood. Journal of Materials Chemistry B, 2021, 9, 5869-5876.	2.9	7
17	Electroreductive C3 Pyridylation of Quinoxalin-2(1H)-ones: An Effective Way to Access Bidentate Nitrogen Ligands. Organic Letters, 2021, 23, 1081-1085.	2.4	32
18	Synthesis of Polysubstituted Phenols by Rhodiumâ€Catalyzed Câˆ'H/Diazo Coupling and Tandem Annulation. Advanced Synthesis and Catalysis, 2021, 363, 1855-1860.	2.1	15

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19	Electrochemicalâ€Induced Hydrogenation of Electronâ€Deficient Internal Olefins and Alkynes with CH₃OH as Hydrogen Donor. Advanced Synthesis and Catalysis, 2021, 363, 2104-2109.	2.1	19
20	A highly selective and recyclable sensor for the electroanalysis of phosphothioate pesticides using silver-doped ZnO nanorods arrays. Analytica Chimica Acta, 2021, 1152, 338285.	2.6	17
21	Carbon nitride-doped melamine-silver adsorbents with peroxidase-like catalysis and visible-light photocatalysis: Colorimetric detection and detoxification removal of total mercury. Journal of Hazardous Materials, 2021, 408, 124978.	6.5	29
22	Construction of Porous Tubular In₂S₃@In₂O₃ with Plasma Treatment-Derived Oxygen Vacancies for Efficient Photocatalytic H₂O₂ Production in Pure Water Via Two-Electron Reduction. ACS Applied Materials & Interfaces, 2021, 13, 25868-25878.	4.0	61
23	Plasma-assisted doping of nitrogen into cobalt sulfide for loading cadmium sulfide: A direct Z-scheme heterojunction for efficiently photocatalytic Cr(VI) reduction under visible light. Chemical Engineering Journal, 2021, 417, 129222.	6.6	31
24	Highly selective fluorometric detection of para-nitrophenol from its isomers by nitrogen-doped graphene quantum dots. Microchemical Journal, 2021, 168, 106389.	2.3	15
25	Bleomycin-Fe(II) agent with potentiality for treating drug-resistant H1N1 influenza virus: A study using electrochemical RNA beacons. Analytica Chimica Acta, 2021, 1180, 338862.	2.6	2
26	A highly sensitive and visible-light-driven photoelectrochemical sensor for chlorpyrifos detection using hollow Co9S8@CdS heterostructures. Sensors and Actuators B: Chemical, 2021, 348, 130719.	4.0	12
27	Visible-light-promoted cascade cyclization towards benzo[d]imidazo[5,1-b]thiazoles under metal- and photocatalyst-free conditions. Green Chemistry, 2021, 23, 1286-1291.	4.6	19
28	Fabrication of test strips with gold-silver nanospheres and metalâ€“organic frameworks: A fluorimetric method for sensing trace cysteine in hela cells. Sensors and Actuators B: Chemical, 2020, 302, 127198.	4.0	25
29	A fluorescent assay for alkaline phosphatase activity based on inner filter effect by in-situ formation of fluorescent azamonardine. Sensors and Actuators B: Chemical, 2020, 302, 127145.	4.0	27
30	Doping Carbon Nitride Quantum Dots into Melamineâ€Silver Matrix: An Efficient Photocatalyst with Tunable Morphology and Photocatalysis for H₂O₂ Evolution under Visible Light. ChemCatChem, 2020, 12, 1512-1518.	1.8	21
31	Biomimetic photocatalytic sulfonation of alkenes to access Î²-ketosulfones with single-atom iron site. Green Chemistry, 2020, 22, 230-237.	4.6	56
32	A terbium(III)-functionalized zinc(II)-organic framework for fluorometric determination of phosphate. Mikrochimica Acta, 2020, 187, 84.	2.5	22
33	A selective colorimetric and efficient removal strategy for mercury (II) using mesoporous silver-melamine nanocomposites synthesized by controlled supramolecular self-assembly. Journal of Hazardous Materials, 2020, 388, 121798.	6.5	13
34	Synergetic Ag2S and ZnS quantum dots as the sensitizer and recognition probe: A visible light-driven photoelectrochemical sensor for the â€œsignal-onâ€•analysis of mercury (II). Journal of Hazardous Materials, 2020, 387, 121715.	6.5	55
35	In situ growth of CeO₂ on g-C₃N₄ nanosheets toward a spherical g-C₃N₄/CeO₂ nanozyme with enhanced peroxidase-like catalysis: a selective colorimetric analysis strategy for mercury(<scp>ii</scp>). Nanoscale, 2020, 12, 21440-21446.	2.8	35
36	Synthesis of Substituted Naphtho[1,8-bc]thiopyrans by Sulfhydryl-Directed Rhodium-Catalyzed peri-Selective Câ€“H Bond Activation and Cyclization of Naphthalene-1-thiols. Organic Letters, 2020, 22, 7825-7830.	2.4	29

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37	A fluorimetric testing strip for the visual evaluation of mercury in blood using copper nanoclusters with DMSO-enhanced fluorescence and stability. Nanoscale, 2020, 12, 24079-24084.	2.8	13
38	Sacrificial agent-free photocatalytic H₂O₂evolutionviatwo-electron oxygen reduction using a ternary Î±-Fe₂O₃/CQD@g-C₃N₄photocatalyst with broad-spectrum response. Journal of Materials Chemistry A, 2020, 8, 18816-18825.	5.2	60
39	Coating silver metal-organic frameworks onto nitrogen-doped porous carbons for the electrochemical sensing of cysteine. Mikrochimica Acta, 2020, 187, 493.	2.5	14
40	Transforming glucose into fluorescent graphene quantum dots via microwave radiation for sensitive detection of Al³⁺ ions based on aggregation-induced enhanced emission. Analyst, The, 2020, 145, 6981-6986.	1.7	19
41	Electrochemical-Induced Transfer Hydrogenation of Imidazopyridines with Secondary Amine as Hydrogen Donor. Organic Letters, 2020, 22, 8824-8828.	2.4	25
42	Simultaneous nitrogen doping and Cu2O oxidization by one-step plasma treatment toward nitrogen-doped Cu2O@CuO heterostructure: An efficient photocatalyst for H2O2 evolution under visible light. Applied Surface Science, 2020, 527, 146908.	3.1	42
43	Doping Nitrogen into Q-Graphene by Plasma Treatment toward Peroxidase Mimics with Enhanced Catalysis. Analytical Chemistry, 2020, 92, 5152-5157.	3.2	37
44	A capillary-based fluorimetric platform for the evaluation of glucose in blood using gold nanoclusters and glucose oxidase in the ZIF-8 matrix. Analyst, The, 2020, 145, 5273-5279.	1.7	12
45	Design of organic/inorganic nanocomposites for ultrasensitive electrochemical detection of a cancer biomarker protein. Talanta, 2020, 212, 120794.	2.9	34
46	Electrochemical-induced regioselective C-3 thiomethylation of imidazopyridines via a three-component cross-coupling strategy. Green Chemistry, 2020, 22, 1129-1133.	4.6	46
47	Bottomâ€Up Fabrication of a Sandwichâ€Like Carbon/Graphene Heterostructure with Builtâ€In FeNC Dopants as Nonâ€Noble Electrocatalyst for Oxygen Reduction Reaction. Chemistry - an Asian Journal, 2020, 15, 432-439.	1.7	17
48	Plasma-Assisted Controllable Doping of Nitrogen into MoS₂ Nanosheets as Efficient Nanozymes with Enhanced Peroxidase-Like Catalysis Activity. ACS Applied Materials & Interfaces, 2020, 12, 17547-17556.	4.0	97
49	A Naphthalimideâ€Based NDâ€Oâ€EAc Photocatalyst for Sulfonation of Alkenes to Access Î²â€Ketosulfones Under Visible Light. European Journal of Organic Chemistry, 2020, 2020, 3456-3461.	1.2	15
50	Direct Z-scheme photocatalyst of hollow CoSx@CdS polyhedron constructed by ZIF-67-templated one-pot solvothermal route: A signal-on photoelectrochemical sensor for mercury (II). Chemical Engineering Journal, 2020, 395, 125072.	6.6	81
51	Controllable fabrication of visible-light-driven CoSx/CdS photocatalysts with direct Z-scheme heterojunctions for photocatalytic Cr(VI) reduction with high efficiency. Chemical Engineering Journal, 2020, 397, 125464.	6.6	80
52	Recent Advances on the Photocatalytic and Electrocatalytic Thiocyanation Reactions. Chinese Journal of Organic Chemistry, 2020, 40, 1117.	0.6	23
53	Highly selective electroanalysis for chloride ions by conductance Signal outputs of solid-state AgCl electrochemistry using silver-melamine nanowires. Sensors and Actuators B: Chemical, 2019, 300, 127058.	4.0	13
54	Fe₃O₄ Nanozymes with Aptamer-Tuned Catalysis for Selective Colorimetric Analysis of ATP in Blood. Analytical Chemistry, 2019, 91, 14737-14742.	3.2	105

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55	An urchin-like Ag3PO4/Pd/LaPO4 photocatalyst with Z-scheme heterojunction for enhanced hydrogen evolution. Applied Surface Science, 2019, 497, 143771.	3.1	18
56	A highly selective â€œturn-onâ€•electroanalysis strategy with reduced copper metalâ€“organic frameworks for sensing histamine and histidine. Nanoscale, 2019, 11, 17401-17406.	2.8	20
57	A selective colorimetric strategy for probing dopamine and levodopa through the mussel-inspired enhancement of Fe₃O₄ catalysis. Chemical Communications, 2019, 55, 12008-12011.	2.2	14
58	Mineralizing gold-silver bimetals into hemin-melamine matrix: A nanocomposite nanozyme for visual colorimetric analysis of H2O2 and glucose. Analytica Chimica Acta, 2019, 1092, 57-65.	2.6	26
59	Highly selective and reproducible electroanalysis for histidine in blood with turn-on responses at a potential approaching zero using tetrahedral copper metal organic frameworks. Chemical Communications, 2019, 55, 1271-1274.	2.2	25
60	A sensitive and selective electroanalysis strategy for histidine using the wettable well electrodes modified with graphene quantum dot-scaffolded melamine and copper nanocomposites. Nanoscale, 2019, 11, 2126-2130.	2.8	11
61	H₂O-controlled selective thiocyanation and alkenylation of ketene dithioacetals under electrochemical oxidation. Green Chemistry, 2019, 21, 3597-3601.	4.6	36
62	Effective photocatalytic salicylic acid removal under visible light irradiation using Ag2S/AgI-Bi2S3/BiOI with Z-scheme heterojunctions. Applied Surface Science, 2019, 481, 1335-1343.	3.1	26
63	Fabrication of polyethyleneimine-functionalized reduced graphene oxide-hemin-bovine serum albumin (PEI-rGO-hemin-BSA) nanocomposites as peroxidase mimetics for the detection of multiple metabolites. Analytica Chimica Acta, 2019, 1070, 80-87.	2.6	22
64	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. Journal of Organic Chemistry, 2019, 84, 2976-2983.	1.7	41
65	A visualized colorimetric detection strategy for heparin in serum using a metal-free polymer nanozyme. Microchemical Journal, 2019, 145, 864-871.	2.3	20
66	Q-graphene-scaffolded covalent organic frameworks as fluorescent probes and sorbents for the fluorimetry and removal of copper ions. Analytica Chimica Acta, 2019, 1057, 88-97.	2.6	24
67	An electroanalysis strategy for glutathione in cells based on the displacement reaction route using melamine-copper nanocomposites synthesized by the controlled supermolecular self-assembly. Biosensors and Bioelectronics, 2019, 124-125, 89-95.	5.3	20
68	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. Tetrahedron Letters, 2019, 60, 214-218.	0.7	41
69	Probing NAD+/NADH-dependent biocatalytic transformations based on oxidase mimics of MnO2. Sensors and Actuators B: Chemical, 2019, 282, 896-903.	4.0	28
70	Self-assembled polymer nanocomposites for biomedical application. Current Opinion in Colloid and Interface Science, 2018, 35, 36-41.	3.4	49
71	Probing glutathione reductase activity with graphene quantum dots and gold nanoparticles system. Sensors and Actuators B: Chemical, 2018, 263, 27-35.	4.0	31
72	Simple and label-free fluorescence detection of ascorbic acid in rat brain microdialysates in the presence of catecholamines. New Journal of Chemistry, 2018, 42, 3851-3856.	1.4	25

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73	Direct Iodosulfonylation of Alkylynones with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted Î±,Î²-Enones. Synlett, 2018, 29, 830-834.	1.0	14
74	Silver Nanoclusters Encapsulated into Metalâ€“Organic Frameworks with Enhanced Fluorescence and Specific Ion Accumulation toward the Microdot Array-Based Fluorimetric Analysis of Copper in Blood. ACS Sensors, 2018, 3, 441-450.	4.0	94
75	Label-Free Sensing of Human 8-Oxoguanine DNA Glycosylase Activity with a Nanopore. ACS Sensors, 2018, 3, 512-518.	4.0	33
76	Copperâ€Catalyzed Regioselective Cleavage of Cî^'X and Cî^'H Bonds: A Strategy for Sulfur Dioxide Fixation. Chemistry - A European Journal, 2018, 24, 4423-4427.	1.7	60
77	A â€œturn-onâ€•fluorescence sensor for ascorbic acid based on graphene quantum dots via fluorescence resonance energy transfer. Analytical Methods, 2018, 10, 611-616.	1.3	28
78	Fluorimetric and colorimetric analysis of total iron ions in blood or tap water using nitrogen-doped carbon dots with tunable fluorescence. New Journal of Chemistry, 2018, 42, 9676-9683.	1.4	20
79	Biominerized gold-Hemin@MOF composites with peroxidase-like and gold catalysis activities: A high-throughput colorimetric immunoassay for alpha-fetoprotein in blood by ELISA and gold-catalytic silver staining. Sensors and Actuators B: Chemical, 2018, 266, 543-552.	4.0	70
80	A sandwiched electroanalysis method for probing Anthrax DNAs based on glucose-induced gold growth and catalytic coupling of tyramine using gold-mineralized glucose oxidase. Sensors and Actuators B: Chemical, 2018, 261, 441-450.	4.0	11
81	Magnetic mesoporous thiourea-formaldehyde resin as selective adsorbent: A simple and highly-sensitive electroanalysis strategy for lead ions in drinking water and milk by solid state-based anodic stripping. Food Chemistry, 2018, 239, 40-47.	4.2	25
82	A label-free fluorimetric detection of biothiols based on the oxidase-like activity of Ag+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 20-25.	2.0	15
83	Polyhydric polymer-loaded pyrene composites as powerful adsorbents and fluorescent probes: highly efficient adsorption and test strips-based fluorimetric analysis of curcumin in urine and plant extracts. Analyst, The, 2018, 143, 392-395.	1.7	17
84	Q-Graphene-loaded metal organic framework nanocomposites with water-triggered fluorescence turn-on: fluorimetric test strips for directly sensing trace water in organic solvents. Chemical Communications, 2018, 54, 13595-13598.	2.2	43
85	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilinocoumarins using Bunte salts. Organic and Biomolecular Chemistry, 2018, 16, 8015-8019.	1.5	14
86	Synergic TiO₂ photocatalysis and guanine photoreduction for silver deposition amplification: an ultrasensitive and high-throughput visualized colorimetric analysis strategy for anthrax DNAs in blood using a wettable microwells array. Journal of Materials Chemistry B, 2018, 6, 7503-7510.	2.9	4
87	Metal-Free Visible-Light-Induced Câ€“H/Câ€“H Cross-Dehydrogenative-Coupling of Quinoxalin-2(H)-ones with Simple Ethers. ACS Sustainable Chemistry and Engineering, 2018, 6, 17252-17257.	3.2	147
88	Nanocomposite plasters for the treatment of superficial tumors by chemo-photothermal combination therapy. International Journal of Nanomedicine, 2018, Volume 13, 6235-6247.	3.3	10
89	Metal-Free C(sp²)â€“H/Nâ€“H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. Organic Letters, 2018, 20, 7125-7130.	2.4	213
90	Superwettable Microwell Arrays Constructed by Photocatalysis of Silver-Doped-ZnO Nanorods for Ultrasensitive and High-Throughput Electroanalysis of Glutathione in Hela Cells. ACS Applied Materials & Interfaces, 2018, 10, 32038-32046.	4.0	33

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91	High-Throughput and Sensitive Fluorimetric Strategy for MicroRNAs in Blood Using Wettable Microwells Array and Silver Nanoclusters with Red Fluorescence Enhanced by Metal Organic Frameworks. ACS Applied Materials & Interfaces, 2018, 10, 23647-23656.	4.0	48
92	Copper-Catalyzed Selenylation of Imidazo[1,2-a]pyridines with Selenium Powder via a Radical Pathway. Journal of Organic Chemistry, 2017, 82, 2906-2913.	1.7	69
93	Super-hydrophobic Silver-Doped TiO2 @ Polycarbonate Coatings Created on Various Material Substrates with Visible-Light Photocatalysis for Self-Cleaning Contaminant Degradation. Scientific Reports, 2017, 7, 42932.	1.6	14
94	Metal- and solvent-free, iodine-catalyzed cyclocondensation and C H bond sulphenylation: A facile access to C-4 sulfenylated pyrazoles via a domino multicomponent reaction. Tetrahedron, 2017, 73, 2022-2029.	1.0	23
95	A rapid, accurate and sensitive method with the new stable isotopic tags based on microwave-assisted dispersive liquid-liquid microextraction and its application to the determination of hydroxyl UV filters in environmental water samples. Talanta, 2017, 167, 242-252.	2.9	29
96	Polyhydric polymer-functionalized fluorescent probe with enhanced aqueous solubility and specific ion recognition: A test strips-based fluorimetric strategy for the rapid and visual detection of Fe 3+ ions. Talanta, 2017, 170, 306-313.	2.9	19
97	DMSO-promoted regioselective synthesis of sulfenylated pyrazoles via a radical pathway. Organic Chemistry Frontiers, 2017, 4, 1367-1371.	2.3	47
98	A novel dual-ratiometric-response fluorescent probe for SO2/ClOâ˜ detection in cells and inÂvivo and its application in exploring the dichotomous role of SO2 under the ClOâ˜ induced oxidative stress. Biomaterials, 2017, 133, 82-93.	5.7	136
99	Metal-free I₂O₅-mediated direct construction of sulfonamides from thiols and amines. Organic and Biomolecular Chemistry, 2017, 15, 4789-4793.	1.5	34
100	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. Green Chemistry, 2017, 19, 3520-3524.	4.6	116
101	A ratiometric fluorescent nanosensor for the detection of silver ions using graphene quantum dots. Sensors and Actuators B: Chemical, 2017, 253, 239-246.	4.0	115
102	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (E)-Vinyl Sulfones. Journal of Organic Chemistry, 2017, 82, 6857-6864.	1.7	79
103	In situ quantification and evaluation of ClO^{â˜}/H₂S homeostasis in inflammatory gastric tissue by applying a rationally designed dual-response fluorescence probe featuring a novel H⁺-activated mechanism. Analyst, The, 2017, 142, 1619-1627.	1.7	23
104	Multifunctional Nanocomposite Films for Synergistic Delivery of bFGF and BMP-2. ACS Omega, 2017, 2, 899-909.	1.6	11
105	C-phycocyanin from Spirulina maxima as a Green Fluorescent Probe for the Highly Selective Detection of Mercury(II) in Seafood. Food Analytical Methods, 2017, 10, 1931-1939.	1.3	22
106	Encapsulating chromogenic reaction substrates with porous hydrogel scaffolds onto arrayed capillary tubes toward a visual and high-throughput colorimetric strategy for rapid occult blood tests. Journal of Materials Chemistry B, 2017, 5, 1159-1165.	2.9	4
107	In-site encapsulating gold â€œnanowiresâ€•into hemin-coupled protein scaffolds through biomimetic assembly towards the nanocomposites with strong catalysis, electrocatalysis, and fluorescence properties. Nanoscale, 2017, 9, 16005-16011.	2.8	33
108	Visible-light-enabled spirocyclization of alkynes leading to 3-sulfonyl and 3-sulfenyl azaspiro[4,5]trienones. Green Chemistry, 2017, 19, 5608-5613.	4.6	145

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109	Visible light-induced Câ€“H sulfenylation using sulfinic acids. Green Chemistry, 2017, 19, 4785-4791.	4.6	112
110	Silver nanoclusters with enhanced fluorescence and specific ion recognition capability triggered by alcohol solvents: a highly selective fluorimetric strategy for detecting iodide ions in urine. Chemical Communications, 2017, 53, 9466-9469.	2.2	32
111	A simple and novel colorimetric assay for tyrosinase and inhibitor screening using 3,3â€²,5,5â€²-tetramethylbenzidine as a chromogenic probe. Talanta, 2017, 175, 457-462.	2.9	31
112	Mesoporous Silverâ€“Melamine Nanowires Formed by Controlled Supermolecular Self-Assembly: A Selective Solid-State Electroanalysis for Probing Multiple Sulfides in Hyperhaline Media through the Specific Sulfideâ€“Chloride Replacement Reactions. Analytical Chemistry, 2017, 89, 9552-9558.	3.2	28
113	Direct cross-coupling of aryl alkynyliodines with arylsulfinic acids leading to alkynyl sulfones under catalyst-free conditions. Tetrahedron Letters, 2017, 58, 4799-4802.	0.7	15
114	Wide-Acidity-Range pH Fluorescence Probes for Evaluation of Acidification in Mitochondria and Digestive Tract Mucosa. Analytical Chemistry, 2017, 89, 8509-8516.	3.2	51
115	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of Î±-ketoglutaric acid based on a special sensing mechanism. Sensors and Actuators B: Chemical, 2017, 241, 1035-1042.	4.0	9
116	Reconstituting redox active centers of heme-containing proteins with biomineralized gold toward peroxidase mimics with strong intrinsic catalysis and electrocatalysis for H2O2 detection. Biosensors and Bioelectronics, 2017, 87, 1036-1043.	5.3	18
117	Metal-free molecular iodine-catalyzed direct sulfonylation of pyrazolones with sodium sulfinates leading to sulfonated pyrazoles at room temperature. Organic Chemistry Frontiers, 2017, 4, 26-30.	2.3	69
118	Iodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. Catalysis Letters, 2016, 146, 1743-1748.	1.4	42
119	Fluorimetric Mercury Test Strips with Suppressed â€œCoffee Stainsâ€•by a Bio-inspired Fabrication Strategy. Scientific Reports, 2016, 6, 36494.	1.6	25
120	Highly sensitive and selective fluorescence detection of Hg(<scp>ii</scp>) ions based on R-phycoerythrin from Porphyra yezoensis. RSC Advances, 2016, 6, 114685-114689.	1.7	11
121	A high-throughput fluorimetric microarray with enhanced fluorescence and suppressed â€œcoffee-ringâ€• effects for the detection of calcium ions in blood. Scientific Reports, 2016, 6, 38602.	1.6	14
122	Polymerizing dopamine onto Q-graphene scaffolds towards the fluorescent nanocomposites with high aqueous stability and enhanced fluorescence for the fluorescence analysis and imaging of copper ions. Sensors and Actuators B: Chemical, 2016, 232, 234-242.	4.0	25
123	Crosslinking catalysis-active center of hemin on the protein scaffold toward peroxidase mimic with powerful catalysis. RSC Advances, 2016, 6, 47595-47599.	1.7	12
124	Metal-free direct construction of sulfenylated pyrazoles via the NaOH promoted sulfenylation of pyrazolones with aryl thiols. RSC Advances, 2016, 6, 51830-51833.	1.7	37
125	Cavity length and stripe width dependent lasing characteristics of InAs/InP(1 0 0) quantum dot lasers. Infrared Physics and Technology, 2016, 75, 51-55.	1.3	8
126	Nanopore-Based Selective Discrimination of MicroRNAs with Single-Nucleotide Difference Using Locked Nucleic Acid-Modified Probes. Analytical Chemistry, 2016, 88, 10540-10546.	3.2	59

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127	A novel low-cost method for Hg0 removal from flue gas by visible-light-driven BiOX (X = Cl, Br, I) photocatalysts. Catalysis Communications, 2016, 87, 57-61.	1.6	40
128	Metal-free iodine-catalyzed direct cross-dehydrogenative coupling (CDC) between pyrazoles and thiols. Organic Chemistry Frontiers, 2016, 3, 1457-1461.	2.3	54
129	Visible-light initiated direct oxysulfonylation of alkenes with sulfinic acids leading to Î²-ketosulfones. Green Chemistry, 2016, 18, 5630-5634.	4.6	125
130	Copper-catalyzed decarboxylative stereospecific amidation of cinnamic acids with N-fluorobenzenesulfonimide. RSC Advances, 2016, 6, 72361-72365.	1.7	13
131	Fluorimetric evaluation of glutathione reductase activity and its inhibitors using carbon quantum dots. Talanta, 2016, 161, 769-774.	2.9	23
132	Silver Nanoclusters with Specific Ion Recognition Modulated by Ligand Passivation toward Fluorimetric and Colorimetric Copper Analysis and Biological Imaging. Scientific Reports, 2016, 6, 20553.	1.6	32
133	NBS/DBU mediated one-pot synthesis of Î±-acyloxyketones from benzylic secondary alcohols and carboxylic acids. Organic and Biomolecular Chemistry, 2016, 14, 10998-11001.	1.5	11
134	Recent advances in catalytic decarboxylative acylation reactions via a radical process. Organic and Biomolecular Chemistry, 2016, 14, 7380-7391.	1.5	140
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136	Palladium-Catalyzed Alkylarylation of Acrylamides with Unactivated Alkyl Halides. Journal of Organic Chemistry, 2016, 81, 860-867.	1.7	49
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