

Hua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

261
papers

12,208
citations

19657

61
h-index

42399

92
g-index

296
all docs

296
docs citations

296
times ranked

10634
citing authors

#	ARTICLE	IF	CITATIONS
1	A magnet-renewable electroanalysis strategy for hydrogen sulfide in aquaculture freshwater using magnetic silver metal-organic frameworks. <i>Analytica Chimica Acta</i> , 2022, 1195, 339450.	5.4	10
2	Controllable doping of Fe atoms into MoS ₂ nanosheets towards peroxidase-like nanozyme with enhanced catalysis for colorimetric analysis of glucose. <i>Applied Surface Science</i> , 2022, 583, 152496.	6.1	39
3	Coating Fe ₃ O ₄ quantum dots with sodium alginate showing enhanced catalysis for capillary array-based rapid analysis of H ₂ O ₂ in milk. <i>Food Chemistry</i> , 2022, 380, 132188.	8.2	21
4	Zeolitic imidazolate framework-8 for ratiometric fluorescence sensing tetracyclines in environmental water based on AIE effects. <i>Analytica Chimica Acta</i> , 2022, 1199, 339576.	5.4	26
5	A selective electroanalysis and photocatalytic removal strategy for pesticide residues using urchin-like LaPO ₄ @Ag. <i>Electrochimica Acta</i> , 2022, 410, 140039.	5.2	7
6	Lâ€Cysteine Modulated ZIF for Deriving Nitrogenâ€Doped Porous Carbon: A Highly Efficient and Stable Electrocatalyst for Oxygen Reduction Reactions. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0
7	Water-soluble non-conjugated polymer dots with strong green fluorescence for sensitive detection of organophosphate pesticides. <i>Analytica Chimica Acta</i> , 2022, 1206, 339792.	5.4	7
8	Hollow C@MoS ₂ nanotubes with Hg ²⁺ -triggered oxidase-like catalysis: A colorimetric method for detection of Hg ²⁺ ions in wastewater. <i>Sensors and Actuators B: Chemical</i> , 2022, 361, 131725.	7.8	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. <i>Chemical Engineering Journal</i> , 2022, 441, 136073.	12.7	36
10	Nitrogen plasma-mediated deposition of silver onto MoS ₂ towards robust nanozyme with enhanced catalysis for colorimetric assay of hydrogen sulfide in aquaculture water. <i>Applied Surface Science</i> , 2022, 597, 153686.	6.1	13
11	A fluorimetric test strip with suppressed â€œCoffee Ring Effectâ€-for selective mercury ion analysis. <i>Analyst</i> , The, 2022, 147, 2633-2639.	3.5	9
12	One-pot fabrication of nanozyme with 2D/1D heterostructure by in-situ growing MoS ₂ nanosheets onto single-walled carbon nanotubes with enhanced catalysis for colorimetric detection of glutathione. <i>Analytica Chimica Acta</i> , 2022, 1221, 340083.	5.4	14
13	Near-infrared light-driven photoelectrochemical sensor for mercury (II) detection using bead-chain-like Ag@Ag ₂ S nanocomposites. <i>Chemical Engineering Journal</i> , 2021, 409, 128154.	12.7	52
14	Turning on the Photoelectrochemical Responses of Cd Probe-Deposited g-C ₃ N ₄ Nanosheets by Nitrogen Plasma Treatment toward a Selective Sensor for H ₂ S. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2052-2061.	8.0	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 NH ₂ -MIL-125. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5998-6005.	5.8	3
16	<i>In situ</i> creation of ZnO@CdS nanoflowers on ITO electrodes for sensitive photoelectrochemical detection of copper ions in blood. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5869-5876.	5.8	7
17	Electroreductive C3 Pyridylation of Quinoxalin-2(1 <i>H</i>)-ones: An Effective Way to Access Bidentate Nitrogen Ligands. <i>Organic Letters</i> , 2021, 23, 1081-1085.	4.6	32
18	Synthesis of Polysubstituted Phenols by Rhodiumâ€Catalyzed Câ~H/Diazo Coupling and Tandem Annulation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1855-1860.	4.3	15

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19	Electrochemical-Induced Hydrogenation of Electron-Deficient Internal Olefins and Alkynes with CH ₃ OH as Hydrogen Donor. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2104-2109.	4.3	19
20	A highly selective and recyclable sensor for the electroanalysis of phosphothioate pesticides using silver-doped ZnO nanorods arrays. <i>Analytica Chimica Acta</i> , 2021, 1152, 338285.	5.4	17
21	Carbon nitride-doped melamine-silver adsorbents with peroxidase-like catalysis and visible-light photocatalysis: Colorimetric detection and detoxification removal of total mercury. <i>Journal of Hazardous Materials</i> , 2021, 408, 124978.	12.4	29
22	Construction of Porous Tubular In ₂ S ₃ @In ₂ O ₃ with Plasma Treatment-Derived Oxygen Vacancies for Efficient Photocatalytic H ₂ O ₂ Production in Pure Water Via Two-Electron Reduction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25868-25878.	8.0	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. <i>Chemical Engineering Journal</i> , 2021, 417, 129222.	12.7	31
24	Highly selective fluorometric detection of para-nitrophenol from its isomers by nitrogen-doped graphene quantum dots. <i>Microchemical Journal</i> , 2021, 168, 106389.	4.5	15
25	Bleomycin-Fe(II) agent with potentiality for treating drug-resistant H1N1 influenza virus: A study using electrochemical RNA beacons. <i>Analytica Chimica Acta</i> , 2021, 1180, 338862.	5.4	2
26	A highly sensitive and visible-light-driven photoelectrochemical sensor for chlorpyrifos detection using hollow Co ₉ S ₈ @CdS heterostructures. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130719.	7.8	12
27	Visible-light-promoted cascade cyclization towards benzo[<i>d</i>]imidazo[5,1- <i>b</i>]thiazoles under metal- and photocatalyst-free conditions. <i>Green Chemistry</i> , 2021, 23, 1286-1291.	9.0	19
28	Fabrication of test strips with gold-silver nanospheres and metal-organic frameworks: A fluorimetric method for sensing trace cysteine in hela cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127198.	7.8	25
29	A fluorescent assay for alkaline phosphatase activity based on inner filter effect by in-situ formation of fluorescent azamondardine. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127145.	7.8	27
30	Doping Carbon Nitride Quantum Dots into Melamine-Silver Matrix: An Efficient Photocatalyst with Tunable Morphology and Photocatalysis for H ₂ O ₂ Evolution under Visible Light. <i>ChemCatChem</i> , 2020, 12, 1512-1518.	3.7	21
31	Biomimetic photocatalytic sulfonation of alkenes to access β -ketosulfones with single-atom iron site. <i>Green Chemistry</i> , 2020, 22, 230-237.	9.0	56
32	A terbium(III)-functionalized zinc(II)-organic framework for fluorometric determination of phosphate. <i>Mikrochimica Acta</i> , 2020, 187, 84.	5.0	22
33	A selective colorimetric and efficient removal strategy for mercury (II) using mesoporous silver-melamine nanocomposites synthesized by controlled supramolecular self-assembly. <i>Journal of Hazardous Materials</i> , 2020, 388, 121798.	12.4	13
34	Synergetic Ag ₂ S and ZnS quantum dots as the sensitizer and recognition probe: A visible light-driven photoelectrochemical sensor for the "signal-on" analysis of mercury (II). <i>Journal of Hazardous Materials</i> , 2020, 387, 121715.	12.4	55
35	In situ growth of CeO ₂ on g-C ₃ N ₄ nanosheets toward a spherical g-C ₃ N ₄ /CeO ₂ nanozyme with enhanced peroxidase-like catalysis: a selective colorimetric analysis strategy for mercury(II). <i>Nanoscale</i> , 2020, 12, 21440-21446.	5.6	35
36	Synthesis of Substituted Naphtho[1,8- <i>bc</i>]thiopyrans by Sulfhydryl-Directed Rhodium-Catalyzed C^{H} -Selective C-H Bond Activation and Cyclization of Naphthalene-1-thiols. <i>Organic Letters</i> , 2020, 22, 7825-7830.	4.6	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. <i>Nanoscale</i> , 2020, 12, 24079-24084.	5.6	13
38	Sacrificial agent-free photocatalytic H ₂ O ₂ evolution via two-electron oxygen reduction using a ternary Ir-Fe ₂ O ₃ /CQD@g-C ₃ N ₄ photocatalyst with broad-spectrum response. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18816-18825.	10.3	60
39	Coating silver metal-organic frameworks onto nitrogen-doped porous carbons for the electrochemical sensing of cysteine. <i>Mikrochimica Acta</i> , 2020, 187, 493.	5.0	14
40	Transforming glucose into fluorescent graphene quantum dots via microwave radiation for sensitive detection of Al ³⁺ ions based on aggregation-induced enhanced emission. <i>Analyst</i> , 2020, 145, 6981-6986.	3.5	19
41	Electrochemical-Induced Transfer Hydrogenation of Imidazopyridines with Secondary Amine as Hydrogen Donor. <i>Organic Letters</i> , 2020, 22, 8824-8828.	4.6	25
42	Simultaneous nitrogen doping and Cu ₂ O oxidation by one-step plasma treatment toward nitrogen-doped Cu ₂ O@CuO heterostructure: An efficient photocatalyst for H ₂ O ₂ evolution under visible light. <i>Applied Surface Science</i> , 2020, 527, 146908.	6.1	42
43	Doping Nitrogen into Q-Graphene by Plasma Treatment toward Peroxidase Mimics with Enhanced Catalysis. <i>Analytical Chemistry</i> , 2020, 92, 5152-5157.	6.5	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. <i>Analyst</i> , 2020, 145, 5273-5279.	3.5	12
45	Design of organic/inorganic nanocomposites for ultrasensitive electrochemical detection of a cancer biomarker protein. <i>Talanta</i> , 2020, 212, 120794.	5.5	34
46	Electrochemical-induced regioselective C-3 thiomethylation of imidazopyridines via a three-component cross-coupling strategy. <i>Green Chemistry</i> , 2020, 22, 1129-1133.	9.0	46
47	Bottom-Up Fabrication of a Sandwich-Like Carbon/Graphene Heterostructure with Built-In FeNC Dopants as Non-Noble Electrocatalyst for Oxygen Reduction Reaction. <i>Chemistry - an Asian Journal</i> , 2020, 15, 432-439.	3.3	17
48	Plasma-Assisted Controllable Doping of Nitrogen into MoS ₂ Nanosheets as Efficient Nanozymes with Enhanced Peroxidase-Like Catalysis Activity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17547-17556.	8.0	97
49	A Naphthalimide-Based ND ₂ OAc Photocatalyst for Sulfonation of Alkenes to Access Ketosulfones Under Visible Light. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3456-3461.	2.4	15
50	Direct Z-scheme photocatalyst of hollow CoS _x @CdS polyhedron constructed by ZIF-67-templated one-pot solvothermal route: A signal-on photoelectrochemical sensor for mercury (II). <i>Chemical Engineering Journal</i> , 2020, 395, 125072.	12.7	81
51	Controllable fabrication of visible-light-driven CoS _x /CdS photocatalysts with direct Z-scheme heterojunctions for photocatalytic Cr(VI) reduction with high efficiency. <i>Chemical Engineering Journal</i> , 2020, 397, 125464.	12.7	80
52	Recent Advances on the Photocatalytic and Electrocatalytic Thiocyanation Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1117.	1.3	23
53	Highly selective electroanalysis for chloride ions by conductance signal outputs of solid-state AgCl electrochemistry using silver-melamine nanowires. <i>Sensors and Actuators B: Chemical</i> , 2019, 300, 127058.	7.8	13
54	Fe ₃ O ₄ Nanozymes with Aptamer-Tuned Catalysis for Selective Colorimetric Analysis of ATP in Blood. <i>Analytical Chemistry</i> , 2019, 91, 14737-14742.	6.5	105

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55	An urchin-like Ag ₃ PO ₄ /Pd/LaPO ₄ photocatalyst with Z-scheme heterojunction for enhanced hydrogen evolution. <i>Applied Surface Science</i> , 2019, 497, 143771.	6.1	18
56	A highly selective “turn-on” electroanalysis strategy with reduced copper metal-organic frameworks for sensing histamine and histidine. <i>Nanoscale</i> , 2019, 11, 17401-17406.	5.6	20
57	A selective colorimetric strategy for probing dopamine and levodopa through the mussel-inspired enhancement of Fe ₃ O ₄ catalysis. <i>Chemical Communications</i> , 2019, 55, 12008-12011.	4.1	14
58	Mineralizing gold-silver bimetal into hemin-melamine matrix: A nanocomposite nanozyme for visual colorimetric analysis of H ₂ O ₂ and glucose. <i>Analytica Chimica Acta</i> , 2019, 1092, 57-65.	5.4	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. <i>Chemical Communications</i> , 2019, 55, 1271-1274.	4.1	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. <i>Nanoscale</i> , 2019, 11, 2126-2130.	5.6	11
61	H ₂ O-controlled selective thiocyanation and alkenylation of ketene dithioacetals under electrochemical oxidation. <i>Green Chemistry</i> , 2019, 21, 3597-3601.	9.0	36
62	Effective photocatalytic salicylic acid removal under visible light irradiation using Ag ₂ S/AgI-Bi ₂ S ₃ /BiOI with Z-scheme heterojunctions. <i>Applied Surface Science</i> , 2019, 481, 1335-1343.	6.1	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. <i>Analytica Chimica Acta</i> , 2019, 1070, 80-87.	5.4	22
64	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. <i>Journal of Organic Chemistry</i> , 2019, 84, 2976-2983.	3.2	41
65	A visualized colorimetric detection strategy for heparin in serum using a metal-free polymer nanozyme. <i>Microchemical Journal</i> , 2019, 145, 864-871.	4.5	20
66	Q-graphene-scaffolded covalent organic frameworks as fluorescent probes and sorbents for the fluorimetry and removal of copper ions. <i>Analytica Chimica Acta</i> , 2019, 1057, 88-97.	5.4	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. <i>Biosensors and Bioelectronics</i> , 2019, 124-125, 89-95.	10.1	20
68	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. <i>Tetrahedron Letters</i> , 2019, 60, 214-218.	1.4	41
69	Probing NAD ⁺ /NADH-dependent biocatalytic transformations based on oxidase mimics of MnO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 896-903.	7.8	28
70	Self-assembled polymer nanocomposites for biomedical application. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 35, 36-41.	7.4	49
71	Probing glutathione reductase activity with graphene quantum dots and gold nanoparticles system. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 27-35.	7.8	31
72	Simple and label-free fluorescence detection of ascorbic acid in rat brain microdialysates in the presence of catecholamines. <i>New Journal of Chemistry</i> , 2018, 42, 3851-3856.	2.8	25

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73	Direct Iodosulfonylation of Alkylynes with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted β,β' -Enones. <i>Synlett</i> , 2018, 29, 830-834.	1.8	14
74	Silver Nanoclusters Encapsulated into Metal-Organic Frameworks with Enhanced Fluorescence and Specific Ion Accumulation toward the Microdot Array-Based Fluorimetric Analysis of Copper in Blood. <i>ACS Sensors</i> , 2018, 3, 441-450.	7.8	94
75	Label-Free Sensing of Human 8-Oxoguanine DNA Glycosylase Activity with a Nanopore. <i>ACS Sensors</i> , 2018, 3, 512-518.	7.8	33
76	Copper-Catalyzed Regioselective Cleavage of C-X and C-H Bonds: A Strategy for Sulfur Dioxide Fixation. <i>Chemistry - A European Journal</i> , 2018, 24, 4423-4427.	3.3	60
77	A turn-on fluorescence sensor for ascorbic acid based on graphene quantum dots via fluorescence resonance energy transfer. <i>Analytical Methods</i> , 2018, 10, 611-616.	2.7	28
78	Fluorimetric and colorimetric analysis of total iron ions in blood or tap water using nitrogen-doped carbon dots with tunable fluorescence. <i>New Journal of Chemistry</i> , 2018, 42, 9676-9683.	2.8	20
79	Biomineralized 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. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 543-552.	7.8	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. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 441-450.	7.8	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. <i>Food Chemistry</i> , 2018, 239, 40-47.	8.2	25
82	A label-free fluorimetric detection of biothiols based on the oxidase-like activity of Ag ⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 20-25.	3.9	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. <i>Analyst</i> , 2018, 143, 392-395.	3.5	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. <i>Chemical Communications</i> , 2018, 54, 13595-13598.	4.1	43
85	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilinocoumarins using Bunte salts. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8015-8019.	2.8	14
86	Synergic TiO ₂ 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. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7503-7510.	5.8	4
87	Metal-Free Visible-Light-Induced C-H/C-H Cross-Dehydrogenative-Coupling of Quinoxalin-2(H)-ones with Simple Ethers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17252-17257.	6.7	147
88	Nanocomposite plasters for the treatment of superficial tumors by chemo-photothermal combination therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6235-6247.	6.7	10
89	Metal-Free C(sp ²)-H/N-H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 7125-7130.	4.6	213
90	Superwetable Microwell Arrays Constructed by Photocatalysis of Silver-Doped-ZnO Nanorods for Ultrasensitive and High-Throughput Electroanalysis of Glutathione in Hela Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32038-32046.	8.0	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.	8.0	48
92	Copper-Catalyzed Selenylation of Imidazo[1,2- <i>a</i>]pyridines with Selenium Powder via a Radical Pathway. Journal of Organic Chemistry, 2017, 82, 2906-2913.	3.2	69
93	Super-hydrophobic Silver-Doped TiO ₂ @ Polycarbonate Coatings Created on Various Material Substrates with Visible-Light Photocatalysis for Self-Cleaning Contaminant Degradation. Scientific Reports, 2017, 7, 42932.	3.3	14
94	Metal- and solvent-free, iodine-catalyzed cyclocondensation and C-H bond sulphenylation: A facile access to C-4 sulphenylated pyrazoles via a domino multicomponent reaction. Tetrahedron, 2017, 73, 2022-2029.	1.9	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.	5.5	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.	5.5	19
97	DMSO-promoted regioselective synthesis of sulphenylated pyrazoles via a radical pathway. Organic Chemistry Frontiers, 2017, 4, 1367-1371.	4.5	47
98	A novel dual-ratiometric-response fluorescent probe for SO ₂ /ClO ⁻ detection in cells and in vivo and its application in exploring the dichotomous role of SO ₂ under the ClO ⁻ induced oxidative stress. Biomaterials, 2017, 133, 82-93.	11.4	136
99	Metal-free I ₂ O ₅ -mediated direct construction of sulfonamides from thiols and amines. Organic and Biomolecular Chemistry, 2017, 15, 4789-4793.	2.8	34
100	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. Green Chemistry, 2017, 19, 3520-3524.	9.0	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.	7.8	115
102	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (<i>E</i>)-Vinyl Sulfones. Journal of Organic Chemistry, 2017, 82, 6857-6864.	3.2	79
103	In situ quantification and evaluation of ClO ⁻ /H ₂ S 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.	3.5	23
104	Multifunctional Nanocomposite Films for Synergistic Delivery of bFGF and BMP-2. ACS Omega, 2017, 2, 899-909.	3.5	11
105	C-phycoerythrin from <i>Spirulina maxima</i> as a Green Fluorescent Probe for the Highly Selective Detection of Mercury(II) in Seafood. Food Analytical Methods, 2017, 10, 1931-1939.	2.6	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.	5.8	4
107	In-situ encapsulating gold nanowires into hemin-coupled protein scaffolds through biomimetic assembly towards the nanocomposites with strong catalysis, electrocatalysis, and fluorescence properties. Nanoscale, 2017, 9, 16005-16011.	5.6	33
108	Visible-light-enabled spirocyclization of alkynes leading to 3-sulfonyl and 3-sulphenyl azaspiro[4,5]trienones. Green Chemistry, 2017, 19, 5608-5613.	9.0	145

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109	Visible light-induced C-H sulfenylation using sulfinic acids. <i>Green Chemistry</i> , 2017, 19, 4785-4791.	9.0	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. <i>Chemical Communications</i> , 2017, 53, 9466-9469.	4.1	32
111	A simple and novel colorimetric assay for tyrosinase and inhibitor screening using 3,3',5,5'-tetramethylbenzidine as a chromogenic probe. <i>Talanta</i> , 2017, 175, 457-462.	5.5	31
112	Mesoporous Silver-Melamine Nanowires Formed by Controlled Supramolecular Self-Assembly: A Selective Solid-State Electroanalysis for Probing Multiple Sulfides in Hyperhaline Media through the Specific Sulfide-Chloride Replacement Reactions. <i>Analytical Chemistry</i> , 2017, 89, 9552-9558.	6.5	28
113	Direct cross-coupling of aryl alkynyl iodides with arylsulfinic acids leading to alkynyl sulfones under catalyst-free conditions. <i>Tetrahedron Letters</i> , 2017, 58, 4799-4802.	1.4	15
114	Wide-Acidity-Range pH Fluorescence Probes for Evaluation of Acidification in Mitochondria and Digestive Tract Mucosa. <i>Analytical Chemistry</i> , 2017, 89, 8509-8516.	6.5	51
115	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of L-ketoglutaric acid based on a special sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1035-1042.	7.8	9
116	Reconstituting redox active centers of heme-containing proteins with biomineralized gold toward peroxidase mimics with strong intrinsic catalysis and electrocatalysis for H ₂ O ₂ detection. <i>Biosensors and Bioelectronics</i> , 2017, 87, 1036-1043.	10.1	18
117	Metal-free molecular iodine-catalyzed direct sulfonylation of pyrazolones with sodium sulfinates leading to sulfonated pyrazoles at room temperature. <i>Organic Chemistry Frontiers</i> , 2017, 4, 26-30.	4.5	69
118	Iodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. <i>Catalysis Letters</i> , 2016, 146, 1743-1748.	2.6	42
119	Fluorimetric Mercury Test Strips with Suppressed "Coffee Stains" by a Bio-inspired Fabrication Strategy. <i>Scientific Reports</i> , 2016, 6, 36494.	3.3	25
120	Highly sensitive and selective fluorescence detection of Hg(II) ions based on R-phycoerythrin from <i>Porphyra yezoensis</i> . <i>RSC Advances</i> , 2016, 6, 114685-114689.	3.6	11
121	A high-throughput fluorimetric microarray with enhanced fluorescence and suppressed "coffee-ring" effects for the detection of calcium ions in blood. <i>Scientific Reports</i> , 2016, 6, 38602.	3.3	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. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 234-242.	7.8	25
123	Crosslinking catalysis-active center of hemin on the protein scaffold toward peroxidase mimic with powerful catalysis. <i>RSC Advances</i> , 2016, 6, 47595-47599.	3.6	12
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253	A novel immunosensor based on self-assembled chitosan/alginate multilayers for the detection of factor B. <i>Sensors and Actuators B: Chemical</i> , 2004, 99, 123-129.	7.8	24
254	An amperometric horseradish peroxidase inhibition biosensor based on a cysteamine self-assembled monolayer for the determination of sulfides. <i>Sensors and Actuators B: Chemical</i> , 2004, 102, 162-168.	7.8	65
255	A protein A-based orientation-controlled immobilization strategy for antibodies using nanometer-sized gold particles and plasma-polymerized film. <i>Analytical Biochemistry</i> , 2004, 324, 219-226.	2.4	82
256	Novel immunoassay for <i>Toxoplasma gondii</i> -specific immunoglobulin G using a silica nanoparticle-based biomolecular immobilization method. <i>Analytica Chimica Acta</i> , 2004, 501, 37-43.	5.4	33
257	A plasma-polymerized film for capacitance immunosensing. <i>Biosensors and Bioelectronics</i> , 2004, 20, 841-847.	10.1	9
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261	A piezoelectric immunoassay based on self-assembled monolayers of cystamine and polystyrene sulfonate for determination of <i>Schistosoma japonicum</i> antibodies. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 803-809.	3.7	28