Yanbo Zeng

List of Publications by Year
in descending order

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43	1,925	257450 24	265206 42
papers	citations	h-index	g-index

43	43	43	2604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly sensitive and specific determination of imidacloprid pesticide by a novel Fe3O4@SiO2@MIPIL fluorescent sensor. Analytica Chimica Acta, 2022, 1195, 339449.	5.4	14
2	Aggregation-induced emission monomer-based fluorescent molecularly imprinted poly(ionic liquid) synthesized by a one-pot method for sensitively detecting 4-nitrophenol. Analytical Methods, 2022, 14, 1023-1030.	2.7	3
3	Surface-Enhanced Electrochemiluminescence Imaging for Multiplexed Immunoassays of Cancer Markers in Exhaled Breath Condensates. Analytical Chemistry, 2022, 94, 7492-7499.	6.5	15
4	A novel composite of conductive metal organic framework and molecularly imprinted poly (ionic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Chemical, 2021, 339, 129885.	7.8	31
5	Ultrahigh Efficient FRET Ratiometric Fluorescence Biosensor for Visual Detection of Alkaline Phosphatase Activity and Its Inhibitor. ACS Sustainable Chemistry and Engineering, 2021, 9, 12922-12929.	6.7	29
6	CeO2 quantum dots for highly selective and ultrasensitive fluorescence detection of 4-nitrophenol via the fluorescence resonance energy transfer mechanism. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120115.	3.9	11
7	Oil-Free Gold Nanobipyramid@Ag Microgels as a Functional SERS Substrate for Direct Detection of Small Molecules in a Complex Sample Matrix. Analytical Chemistry, 2021, 93, 16727-16733.	6.5	11
8	Fluorescent aptasensor based on D-AMA/F-CSC for the sensitive and specific recognition of myoglobin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117714.	3.9	10
9	Cu²⁺-Modified Boron Nitride Nanosheets-Supported Subnanometer Gold Nanoparticles: An Oxidase-Mimicking Nanoenzyme with Unexpected Oxidation Properties. Analytical Chemistry, 2020, 92, 1236-1244.	6.5	58
10	Highly sensitive determination of 4-nitrophenol with coumarin-based fluorescent molecularly imprinted poly (ionic liquid). Journal of Hazardous Materials, 2020, 398, 122854.	12.4	53
11	Emission Wavelength Switchable Carbon Dots Combined with Biomimetic Inorganic Nanozymes for a Two-Photon Fluorescence Immunoassay. ACS Applied Materials & Interfaces, 2020, 12, 30085-30094.	8.0	51
12	Real-Time Visualization of the Single-Nanoparticle Electrocatalytic Hydrogen Generation Process and Activity under Dark Field Microscopy. Analytical Chemistry, 2020, 92, 9016-9023.	6.5	27
13	Highly sensitive and selective detection of 4-nitroaniline in water by a novel fluorescent sensor based on molecularly imprinted poly(ionic liquid). Analytical and Bioanalytical Chemistry, 2020, 412, 5653-5661.	3.7	14
14	Electrochemical determination of rutin based on molecularly imprinted poly (ionic liquid) with ionic liquid-graphene as a sensitive element. Sensors and Actuators B: Chemical, 2020, 311, 127911.	7.8	50
15	Highly Sensitive Determination of 2,4,6-Trichlorophenol by Using a Novel SiO₂@MIPIL Fluorescence Sensor with a Double Recognition Functional Monomer. ACS Sensors, 2020, 5, 1445-1454.	7.8	29
16	A Facile Approach for On-Site Evaluation of Nicotine in Tobacco and Environmental Tobacco Smoke. ACS Sensors, 2019, 4, 1844-1850.	7.8	30
17	Near-infrared fluorescent probes based on TBET and FRET rhodamine acceptors with different pK_a values for sensitive ratiometric visualization of pH changes in live cells. Journal of Materials Chemistry B, 2019, 7, 198-209.	5.8	52
18	Fluorometric determination of cardiac myoglobin based on energy transfer from a pyrene-labeled aptamer to graphene oxide. Mikrochimica Acta, 2019, 186, 287.	5.0	10

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19	Ratiometric Fluorescent Hydrogel Test Kit for On-Spot Visual Detection of Nitrite. ACS Sensors, 2019, 4, 1252-1260.	7.8	94
20	Colorimetric Method for Sensitive Detection of Microcystin-LR Using Surface Copper Nanoparticles of Polydopamine Nanosphere as Turn-On Probe. Nanomaterials, 2019, 9, 332.	4.1	5
21	A Cross-Linker-Based Poly(Ionic Liquid) for Sensitive Electrochemical Detection of 4-Nonylphenol. Nanomaterials, 2019, 9, 513.	4.1	12
22	Rapid synthesis of a highly active and uniform 3-dimensional SERS substrate for on-spot sensing of dopamine. Mikrochimica Acta, 2019, 186, 260.	5.0	17
23	Single-step multivalent capture assay for nucleic acid detection with dual-affinity regulation using mutation inhibition and allosteric activation. Chemical Science, 2019, 10, 5025-5030.	7.4	8
24	Enzyme-free multicolor biosensor based on Cu2+-modified carbon nitride nanosheets and gold nanobipyramids for sensitive detection of neuron specific enolase. Sensors and Actuators B: Chemical, 2019, 283, 138-145.	7.8	43
25	Ionic Liquid-Based Sensors for Fast Determination of Aromatic Compounds in the Environment. , 2019, , 1-8.		0
26	A new composite of graphene and molecularly imprinted polymer based on ionic liquids as functional monomer and cross-linker for electrochemical sensing 6-benzylaminopurine. Biosensors and Bioelectronics, 2018, 108, 38-45.	10.1	61
27	Voltammetric determination of 5-hydroxytryptamine based on the use of platinum nanoparticles coated with molecularly imprinted silica. Mikrochimica Acta, 2018, 185, 219.	5.0	16
28	Rapid and reliable determination of p-nitroaniline in wastewater by molecularly imprinted fluorescent polymeric ionic liquid microspheres. Biosensors and Bioelectronics, 2018, 99, 47-55.	10.1	67
29	An Electrochemical Sensor for Diphenylamine Detection Based on Reduced Graphene Oxide/Fe3O4-Molecularly Imprinted Polymer with 1,4-Butanediyl-3,3â€™-bis-l-vinylimidazolium Dihexafluorophosphate Ionic Liquid as Cross-Linker. Polymers, 2018, 10, 1329.	4.5	37
30	Sandwich-type electrochemical immunosensor for highly sensitive determination of cardiac troponin I using carboxyl-terminated ionic liquid and helical carbon nanotube composite as platform and ferrocenecarboxylic acid as signal label. Sensors and Actuators B: Chemical, 2018, 277, 234-240.	7.8	39
31	New near-infrared rhodamine dyes with large Stokes shifts for sensitive sensing of intracellular pH changes and fluctuations. Chemical Communications, 2018, 54, 7625-7628.	4.1	62
32	Novel imidazole fluorescent poly(ionic liquid) nanoparticles for selective and sensitive determination of pyrogallol. Talanta, 2017, 174, 198-205.	5.5	15
33	An electrochemical sensor for 1-naphthylamine based on a novel composite of cyclodextrin-graphene and molecularly imprinted poly(vinylferrocene). Analytical Methods, 2016, 8, 1681-1689.	2.7	10
34	Electrochemical Molecular Imprinted Sensors Based on Electrospun Nanofiber and Determination of Ascorbic Acid. Analytical Sciences, 2015, 31, 793-798.	1.6	18
35	Nanoporous electrospun PBâ€“PVDF composite nanofibers and their electrocatalytic activity toward ascorbic acid. Materials Letters, 2015, 149, 133-137.	2.6	4
36	An electrochemical sensor for the sensitive determination of phenylethanolamine A based on a novel composite of reduced graphene oxide and poly(ionic liquid). RSC Advances, 2015, 5, 717-725.	3.6	30

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37	A novel composite of molecularly imprinted polymer-coated PdNPs for electrochemical sensing norepinephrine. Biosensors and Bioelectronics, 2015, 65, 366-374.	10.1	72
38	Determination of Bisphenol A Using an Electrochemical Sensor Based on a Molecularly Imprinted Polymer-Modified Multiwalled Carbon Nanotube Paste Electrode. Analytical Letters, 2014, 47, 996-1014.	1.8	29
39	A novel composite of reduced graphene oxide and molecularly imprinted polymer for electrochemical sensing 4-nitrophenol. Electrochimica Acta, 2014, 130, 504-511.	5.2	94
40	A novel composite of graphene quantum dots and molecularly imprinted polymer for fluorescent detection of paranitrophenol. Biosensors and Bioelectronics, 2014, 52, 317-323.	10.1	230
41	A novel composite of SiO2-coated graphene oxide and molecularly imprinted polymers for electrochemical sensing dopamine. Biosensors and Bioelectronics, 2013, 45, 25-33.	10.1	226
42	A novel electrochemical sensor for determination of dopamine based on AuNPs@SiO2 core-shell imprinted composite. Biosensors and Bioelectronics, 2012, 38, 270-277.	10.1	154
43	Differential pulse voltammetric determination of methyl parathion based on multiwalled carbon nanotubesâ€“poly(acrylamide) nanocomposite film modified electrode. Journal of Hazardous Materials, 2012, 217-218, 315-322.	12.4	84