Yanbo Zeng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8456893/publications.pdf

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Ratiometric Fluorescent Hydrogel Test Kit for On-Spot Visual Detection of Nitrite. ACS Sensors, 2019, 4, 1252-1260.	7.8	94
6	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
7	A novel composite of molecularly imprinted polymer-coated PdNPs for electrochemical sensing norepinephrine. Biosensors and Bioelectronics, 2015, 65, 366-374.	10.1	72
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	A novel composite of conductive metal organic framework and molecularly imprinted poly (ionic) Tj ETQq1 1 0.784314 rgBT /Overloc Chemical, 2021, 339, 129885.	7.8	31
20	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
21	A Facile Approach for On-Site Evaluation of Nicotine in Tobacco and Environmental Tobacco Smoke. ACS Sensors, 2019, 4, 1844-1850.	7.8	30
22	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
23	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
24	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
25	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
26	Electrochemical Molecular Imprinted Sensors Based on Electrospun Nanofiber and Determination of Ascorbic Acid. Analytical Sciences, 2015, 31, 793-798.	1.6	18
27	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
28	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
29	Novel imidazole fluorescent poly(ionic liquid) nanoparticles for selective and sensitive determination of pyrogallol. Talanta, 2017, 174, 198-205.	5.5	15
30	Surface-Enhanced Electrochemiluminescence Imaging for Multiplexed Immunoassays of Cancer Markers in Exhaled Breath Condensates. Analytical Chemistry, 2022, 94, 7492-7499.	6.5	15
31	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
32	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
33	A Cross-Linker-Based Poly(Ionic Liquid) for Sensitive Electrochemical Detection of 4-Nonylphenol. Nanomaterials, 2019, 9, 513.	4.1	12
34	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
35	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
36	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

#	Article	IF	Citations
37	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
38	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
39	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
40	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
41	Nanoporous electrospun PBâ€“PVDF composite nanofibers and their electrocatalytic activity toward ascorbic acid. Materials Letters, 2015, 149, 133-137.	2.6	4
42	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
43	Ionic Liquid-Based Sensors for Fast Determination of Aromatic Compounds in the Environment. , 2019, , 1-8.		0