Yun-Hui Yang

List of Publications by Year
in descending order

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29	1,330	430754 18	477173 29
papers	citations	h-index	g-index

29	29	29	1847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly sensitive and convenient aptasensor based on Au NPs@Ce-TpBpy COF for quantitative determination of zearalenone. RSC Advances, 2022, 12, 17312-17320.	1.7	12
2	A target-induced inner-filter effect-based ratiometric sensing platform by fluorescence modulation of persistent luminescent nanoparticles and 2,3-diaminophenazine. New Journal of Chemistry, 2022, 46, 13896-13904.	1.4	1
3	Development of Aflatoxin B1 Aptamer Sensor Based on Iron Porphyrin Organic Porous Material. Food Analytical Methods, 2021, 14, 537-544.	1.3	11
4	Iodide/metal-organic frameworks (MOF) -mediated signal amplification strategy for the colorimetric detection of H2O2, Cr2O72â˜ and H2S. Analytica Chimica Acta, 2021, 1159, 338378.	2.6	17
5	Iodide-enhanced Co/Fe-MOFs nanozyme for sensitively colorimetric detection of H2S. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120117.	2.0	12
6	An electrochemical immunosensor coupling a bamboo-like carbon nanostructure substrate with toluidine blue-functionalized Cu(<scp>ii</scp>)-MOFs as signal probes for a C-reactive protein assay. RSC Advances, 2021, 11, 6699-6708.	1.7	11
7	Iodide-enhanced Cu-MOF nanomaterials for the amplified colorimetric detection of Fe³⁺. Analytical Methods, 2021, 13, 5851-5858.	1.3	5
8	Fe-MOFs as signal probes coupling with DNA tetrahedral nanostructures for construction of ratiometric electrochemical aptasensor. Analytica Chimica Acta, 2020, 1135, 123-131.	2.6	34
9	Amperometric immunosensor based on covalent organic frameworks and Pt/Ru/C nanoparticles for the quantification of C-reactive protein. Mikrochimica Acta, 2020, 187, 320.	2.5	21
10	Bifunctional MOFs-Based Ratiometric Electrochemical Sensor for Multiplex Heavy Metal Ions. ACS Applied Materials & Interfaces, 2020, 12, 30770-30778.	4.0	112
11	Electrochemical detection of C-reactive protein using functionalized iridium nanoparticles/graphene oxide as a tag. RSC Advances, 2020, 10, 9723-9729.	1.7	28
12	2D-porphrinic covalent organic framework-based aptasensor with enhanced photoelectrochemical response for the detection of C-reactive protein. Biosensors and Bioelectronics, 2019, 129, 64-71.	5.3	86
13	A competitive microcystin-LR immunosensor based on Au NPs@metal-organic framework (MIL-101). Chinese Chemical Letters, 2019, 30, 664-667.	4.8	33
14	Preparation of an OTA aptasensor based on a metalâ€“organic framework. Analytical Methods, 2018, 10, 3273-3279.	1.3	27
15	A universal aptameric biosensor: Multiplexed detection of small analytes via aggregated perylene-based broad-spectrum quencher. Biosensors and Bioelectronics, 2017, 92, 40-46.	5.3	26
16	Gold nanocage-based lateral flow immunoassay for immunoglobulin G. Mikrochimica Acta, 2017, 184, 2023-2029.	2.5	41
17	A layer-by-layer assembly label-free electrochemical immunosensor for the detection of microcystin-LR based on CHIT/PAMAM dendrimer/silver nanocubes. International Journal of Environmental Analytical Chemistry, 2016, 96, 284-297.	1.8	4
18	An ultrasensitive label-free immunoassay for C-reactive protein detection in human serum based on electron transfer. Analytical Methods, 2016, 8, 6202-6207.	1.3	41

#	Article	IF	Citations
19	Metalâ€“Organic Framework Nanomaterials as Novel Signal Probes for Electron Transfer Mediated Ultrasensitive Electrochemical Immunoassay. Analytical Chemistry, 2016, 88, 12516-12523.	3.2	150
20	An ultrasensitive aptamer biosensor for the detection of codeine based on a Au nanoparticle/polyamidoamine dendrimer-modified screen-printed carbon electrode. Analytical Methods, 2016, 8, 1091-1095.	1.3	30
21	A non-enzymatic electrochemical immunosensor for microcystin-LR rapid detection based on Ag@MSN nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 490, 336-342.	2.3	24
22	DLISA: A DNAzyme-Based ELISA for Protein Enzyme-Free Immunoassay of Multiple Analytes. Analytical Chemistry, 2015, 87, 7746-7753.	3.2	56
23	Direct electrodeposition of gold nanotube arrays of rough and porous wall by cyclic voltammetry and its applications of simultaneous determination of ascorbic acid and uric acid. Materials Science and Engineering C, 2012, 32, 1323-1330.	3.8	26
24	Direct determination of pesticides in vegetable samples using gold nanoelectrode ensembles. International Journal of Environmental Analytical Chemistry, 2008, 88, 813-824.	1.8	17
25	Direct Determination of Uric Acid Based on Pd Nanoparticles Electrodepositing onto Anatase-Type TiO2Nanoparticles/Chitsan Film-Modified Electrode. Analytical Letters, 2008, 41, 2860-2876.	1.0	9
26	Electrical detection of deoxyribonucleic acid hybridization based on carbon-nanotubes/nano zirconium dioxide/chitosan-modified electrodes. Analytica Chimica Acta, 2007, 584, 268-274.	2.6	109
27	Platinum nanoparticles-doped solâ€“gel/carbon nanotubes composite electrochemical sensors and biosensors. Biosensors and Bioelectronics, 2006, 21, 1125-1131.	5.3	338
28	Amperometric Determination of Inositol Based on Electrocatalytic Oxidation on a Glass Carbon Electrode Modified by Nickel Hexacyanoferrate Films. Analytical Letters, 2006, 39, 361-372.	1.0	6
29	Determination of pesticides in vegetable samples using an acetylcholinesterase biosensor based on nanoparticles ZrO₂/chitosan composite film. International Journal of Environmental Analytical Chemistry, 2005, 85, 163-175.	1.8	43