

Yan Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/15765/publications.pdf>

Version: 2024-02-01

16
papers

784
citations

623734

14
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensor for simultaneous determination of uric acid, xanthine and hypoxanthine based on poly (bromocresol purple) modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 43-49.	7.8	120
2	A novel poly(taurine) modified glassy carbon electrode for the simultaneous determination of epinephrine and dopamine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 322-327.	5.0	91
3	Simultaneous determination of uric acid, xanthine and hypoxanthine at poly(pyrocatechol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf and Surfaces B: Biointerfaces, 2011, 88, 614-621.	5.0	85
4	A signal-on photoelectrochemical aptasensor based on graphene quantum dots-sensitized TiO ₂ nanotube arrays for sensitive detection of chloramphenicol. <i>Talanta</i> , 2019, 197, 28-35.	5.5	76
5	High-performance and versatile electrochemical aptasensor based on self-supported nanoporous gold microelectrode and enzyme-induced signal amplification. <i>Biosensors and Bioelectronics</i> , 2018, 102, 41-48.	10.1	74
6	Simultaneous electrochemical determination of ascorbic acid, dopamine and uric acid using poly (tyrosine)/functionalized multi-walled carbon nanotubes composite film modified electrode. <i>Journal of Molecular Liquids</i> , 2013, 177, 26-31.	4.9	59
7	Visible light photoelectrochemical aptasensor for chloramphenicol by using a TiO ₂ nanorod array sensitized with Eu(III)-doped CdS quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 161.	5.0	48
8	Simultaneous determination of acetaminophen, theophylline and caffeine using a glassy carbon disk electrode modified with a composite consisting of poly(Alizarin Violet 3B), multiwalled carbon nanotubes and graphene. <i>Mikrochimica Acta</i> , 2016, 183, 731-739.	5.0	42
9	Microfluidic techniques for dynamic single-cell analysis. <i>Mikrochimica Acta</i> , 2010, 168, 177-195.	5.0	34
10	Label-Free Electrochemical Aptasensor for Sensitive Detection of Malachite Green Based on Au Nanoparticle/Graphene Quantum Dots/Tungsten Disulfide Nanocomposites. <i>Nanomaterials</i> , 2019, 9, 229.	4.1	31
11	Photoelectrochemical aptasensing of ofloxacin based on the use of a TiO ₂ nanotube array co-sensitized with a nanocomposite prepared from polydopamine and Ag ₂ S nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 430.	5.0	28
12	A novel poly(cyanocobalamin) modified glassy carbon electrode as electrochemical sensor for voltammetric determination of peroxyxynitrite. <i>Talanta</i> , 2010, 82, 534-539.	5.5	26
13	Glassy carbon electrode modified with poly(dibromofluorescein) for the selective determination of dopamine and uric acid in the presence of ascorbic acid. <i>Mikrochimica Acta</i> , 2012, 178, 123-130.	5.0	24
14	A novel nitrite biosensor based on direct electron transfer of hemoglobin immobilized on a graphene oxide/Au nanoparticles/multiwalled carbon nanotubes nanocomposite film. <i>RSC Advances</i> , 2014, 4, 31573.	3.6	21
15	Signal-on electrochemical aptasensor for sensitive detection of sulfamethazine based on carbon quantum dots/tungsten disulfide nanocomposites. <i>Electrochimica Acta</i> , 2021, 393, 139054.	5.2	15
16	Sensitive and rapid determination of nitric oxide in human serum using microchip capillary electrophoresis with laser-induced fluorescence detection. <i>Mikrochimica Acta</i> , 2009, 166, 243-249.	5.0	10