

Weilu Liu

List of Publications by Year in descending order

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papers

872
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471509

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#	ARTICLE	IF	CITATIONS
1	Electrochemical sensor based on molecularly imprinted polymer/reduced graphene oxide composite for simultaneous determination of uric acid and tyrosine. <i>Journal of Electroanalytical Chemistry</i> , 2018, 813, 75-82.	3.8	98
2	Biomimetic sensor based on molecularly imprinted polymer with nitroreductase-like activity for metronidazole detection. <i>Biosensors and Bioelectronics</i> , 2016, 77, 393-399.	10.1	89
3	Molecularly imprinted polymers on graphene oxide surface for EIS sensing of testosterone. <i>Biosensors and Bioelectronics</i> , 2017, 92, 305-312.	10.1	81
4	A novel composite film derived from cysteic acid and PDDA-functionalized graphene: Enhanced sensing material for electrochemical determination of metronidazole. <i>Talanta</i> , 2013, 104, 204-211.	5.5	74
5	Biomimetic sensor based on copper-poly(cysteine) film for the determination of metronidazole. <i>Electrochimica Acta</i> , 2015, 152, 108-116.	5.2	63
6	Ag nanoparticles and electrospun CeO ₂ -Au composite nanofibers modified glassy carbon electrode for determination of levofloxacin. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 95-101.	7.8	54
7	Nanopore array derived from l-cysteine oxide/gold hybrids: Enhanced sensing platform for hydroquinone and catechol determination. <i>Electrochimica Acta</i> , 2013, 88, 15-23.	5.2	49
8	Poly(3,6-diamino-9-ethylcarbazole) based molecularly imprinted polymer sensor for ultra-sensitive and selective detection of 17- β -estradiol in biological fluids. <i>Biosensors and Bioelectronics</i> , 2018, 104, 79-86.	10.1	46
9	Reduced graphene oxide-supported gold dendrite for electrochemical sensing of acetaminophen. <i>Talanta</i> , 2018, 184, 244-250.	5.5	44
10	Cyclodextrin-Functionalized Gold Nanoparticles/Poly(L-cysteine) Modified Glassy Carbon Electrode for Sensitive Determination of Metronidazole. <i>Electroanalysis</i> , 2013, 25, 1209-1216.	2.9	43
11	Simultaneous determination of catechol and hydroquinone based on poly(sulfosalicylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1059-1067.	2.9	32
12	Tremella-like graphene-Au composites used for amperometric determination of dopamine. <i>Analyst</i> , The, 2015, 140, 1913-1920.	3.5	26
13	Petal-like graphene-Ag composites with highly exposed active edge sites were designed and constructed for electrochemical determination of metronidazole. <i>RSC Advances</i> , 2016, 6, 45202-45209.	3.6	26
14	Electrodeposited Pt@Molecularly imprinted polymer core-shell nanostructure: Enhanced sensing platform for sensitive and selective detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 655-661.	7.8	24
15	Fabrication of New Magnetic Nanoparticles (Fe ₃ O ₄) Grafted Multiwall Carbon Nanotubes and Heterocyclic Compound Modified Electrode for Electrochemical Sensor. <i>Electroanalysis</i> , 2010, 22, 433-438.	2.9	20
16	Hierarchical polystyrene@reduced graphene oxide-Pt core-shell microspheres for non-enzymatic detection of hydrogen peroxide. <i>RSC Advances</i> , 2015, 5, 73993-74002.	3.6	20
17	Three-dimensional hybrid networks of molecularly imprinted poly(9-carbazoleacetic acid) and MWCNTs for simultaneous voltammetric determination of dopamine and epinephrine in plasma sample. <i>Sensors and Actuators B: Chemical</i> , 2020, 323, 128669.	7.8	20
18	Core-shell nanocomposite of flower-like molybdenum disulfide nanospheres and molecularly imprinted polymers for electrochemical detection of anti COVID-19 drug favipiravir in biological samples. <i>Mikrochimica Acta</i> , 2022, 189, 125.	5.0	15

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19	One-Step Synthesis of β -Cyclodextrin Functionalized Graphene/Ag Nanocomposite and Its Application in Sensitive Determination of 4-Nitrophenol. <i>Electroanalysis</i> , 2013, 25, 2367-2376.	2.9	14
20	Catalytic amplification based on hole-transporting materials as efficient metal-free electrocatalysts for non-enzymatic glucose sensing. <i>Analytica Chimica Acta</i> , 2015, 889, 113-122.	5.4	14
21	Poly(diallyldimethylammonium chloride) Functionalized Graphene/Double-walled Carbon Nanotube Composite for Amperometric Determination of Nitrite. <i>Electroanalysis</i> , 2016, 28, 484-492.	2.9	10
22	Sensitive and selective detection of puerarin based on the hybrid of reduced graphene oxide and molecularly imprinted polymer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113221.	2.8	10