

Jun Liu

List of Publications by Year in descending order

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papers

3,115
citations

147801

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2419
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyethylenimine-carbon nanotubes composite as an electrochemical sensing platform for sensitive and selective detection of toxic rhodamine B in soft drinks and chilli-containing products. Journal of Food Composition and Analysis, 2022, 107, 104386.	3.9	8
2	Construction of g-C ₃ N ₄ /Ag/TiO ₂ Z-scheme photocatalyst and Its improved photocatalytic U(VI) reduction application in water. Water Science and Technology, 2022, 85, 2639-2651.	2.5	5
3	Ultrasensitive detection of dopamine via electrochemical route on spindle-like γ -Fe ₂ O ₃ Mesocrystals/rGO modified GCE. Materials Research Bulletin, 2021, 133, 111050.	5.2	90
4	Facile synthesis of dendritic-like CeO ₂ /rGO composite and application for detection of uric acid and tryptophan simultaneously. Journal of Solid State Chemistry, 2021, 296, 122023.	2.9	88
5	Synthesis of g-C ₃ N ₄ /TiO ₂ nanostructures for enhanced photocatalytic reduction of U(VI) in water. RSC Advances, 2021, 11, 4810-4817.	3.6	28
6	Nanohybrids of shuttle-like γ -Fe ₂ O ₃ nanoparticles and nitrogen-doped graphene for simultaneous voltammetric detection of dopamine and uric acid. New Journal of Chemistry, 2020, 44, 20797-20805.	2.8	65
7	Simultaneous and sensitive determination of ascorbic acid, dopamine and uric acid via an electrochemical sensor based on PVP-graphene composite. Journal of Nanobiotechnology, 2020, 18, 112.	9.1	136
8	A Simple but Efficient Voltammetric Sensor for Simultaneous Detection of Tartrazine and Ponceau 4R Based on TiO ₂ /Electro-Reduced Graphene Oxide Nanocomposite. Chemosensors, 2020, 8, 70.	3.6	24
9	High sensitive voltammetric sensor for nanomolarity vanillin detection in food samples via manganese dioxide nanowires hybridized electrode. Microchemical Journal, 2020, 157, 104885.	4.5	81
10	Recent progress on photocatalytic heterostructures with full solar spectral responses. Chemical Engineering Journal, 2020, 393, 124719.	12.7	123
11	Titanium/Electro-Reduced Graphene Oxide Nanohybrid as an Efficient Electrochemical Sensor for the Determination of Allura Red. Nanomaterials, 2020, 10, 307.	4.1	46
12	Towards emerging EEG applications: a novel printable flexible Ag/AgCl dry electrode array for robust recording of EEG signals at forehead sites. Journal of Neural Engineering, 2020, 17, 026001.	3.5	54
13	Electrochemical Sensing Fabricated with Ta ₂ O ₅ Nanoparticle-Electrochemically Reduced Graphene Oxide Nanocomposite for the Detection of Oxytetracycline. Biomolecules, 2020, 10, 110.	4.0	58
14	Rapid recognition and determination of tryptophan by carbon nanotubes and molecularly imprinted polymer-modified glassy carbon electrode. Bioelectrochemistry, 2020, 131, 107393.	4.6	151
15	Facile Preparation of Cu ₂ O Nanoparticles and Reduced Graphene Oxide Nanocomposite for Electrochemical Sensing of Rhodamine B. Nanomaterials, 2019, 9, 958.	4.1	23
16	A Simple and Efficient Molecularly Imprinted Electrochemical Sensor for the Selective Determination of Tryptophan. Biomolecules, 2019, 9, 294.	4.0	52
17	Facile Preparation of Fe ₃ O ₄ /C Nanocomposite and Its Application for Cost-Effective and Sensitive Detection of Tryptophan. Biomolecules, 2019, 9, 245.	4.0	56
18	Morphology-Dependent Electrochemical Sensing Properties of Iron Oxide-Graphene Oxide Nanohybrids for Dopamine and Uric Acid. Nanomaterials, 2019, 9, 835.	4.1	93

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19	Reviewâ€”Recent Developments on Graphene-Based Electrochemical Sensors toward Nitrite. Journal of the Electrochemical Society, 2019, 166, B881-B895.	2.9	161
20	Catalytic Application and Mechanism Studies of Argentic Chloride Coupled Ag/Au Hollow Heterostructures: Considering the Interface Between Ag/Au Bimetals. Nanoscale Research Letters, 2019, 14, 35.	5.7	23
21	A Highly Sensitive and Stable Dopamine Sensor Using Shuttle-Like Fe_2O_3 Nanoparticles/Electro-Reduced Graphene Oxide Composites. Journal of the Electrochemical Society, 2019, 166, B1552-B1561.	2.9	69
22	Construction of effective electrochemical sensor for the determination of quinoline yellow based on different morphologies of manganese dioxide functionalized graphene. Journal of Food Composition and Analysis, 2019, 84, 103280.	3.9	62
23	Facile Electrochemical Sensor for Nanomolar Rutin Detection Based on Magnetite Nanoparticles and Reduced Graphene Oxide Decorated Electrode. Nanomaterials, 2019, 9, 115.	4.1	104
24	Rapid and Sensitive Voltammetric Detection of Rhodamine B in Chili-Containing Foodstuffs Using MnO_2 Nanorods/Electro-Reduced Graphene Oxide Composite. Journal of the Electrochemical Society, 2019, 166, B805-B813.	2.9	51
25	Ta ₂ O ₅ /rGO Nanocomposite Modified Electrodes for Detection of Tryptophan through Electrochemical Route. Nanomaterials, 2019, 9, 811.	4.1	58
26	Facile Synthesis of MnO ₂ Nanoflowers/N-Doped Reduced Graphene Oxide Composite and Its Application for Simultaneous Determination of Dopamine and Uric Acid. Nanomaterials, 2019, 9, 847.	4.1	86
27	Electrochemical Sensor for Rapid and Sensitive Detection of Tryptophan by a Cu ₂ O Nanoparticles-Coated Reduced Graphene Oxide Nanocomposite. Biomolecules, 2019, 9, 176.	4.0	92
28	Facile and Ultrasensitive Determination of 4-Nitrophenol Based on Acetylene Black Paste and Graphene Hybrid Electrode. Nanomaterials, 2019, 9, 429.	4.1	115
29	A Novel Modified Electrode for Detection of the Food Colorant Sunset Yellow Based on Nanohybrid of MnO ₂ Nanorods-Decorated Electrochemically Reduced Graphene Oxide. Molecules, 2019, 24, 1178.	3.8	54
30	A promising sensing platform toward dopamine using MnO ₂ nanowires/electro-reduced graphene oxide composites. Electrochimica Acta, 2019, 296, 683-692.	5.2	201
31	Morphologically Tunable MnO ₂ Nanoparticles Fabrication, Modelling and Their Influences on Electrochemical Sensing Performance toward Dopamine. Catalysts, 2018, 8, 323.	3.5	36
32	Manganese dioxide Nanorods/electrochemically reduced graphene oxide nanocomposites modified electrodes for cost-effective and ultrasensitive detection of Amaranth. Colloids and Surfaces B: Biointerfaces, 2018, 172, 565-572.	5.0	119
33	Towards Improvements for Penetrating the Bloodâ€”Brain Barrierâ€”Recent Progress from a Material and Pharmaceutical Perspective. Cells, 2018, 7, 24.	4.1	207
34	Fabrication of Amine-Modified Magnetite-Electrochemically Reduced Graphene Oxide Nanocomposite Modified Glassy Carbon Electrode for Sensitive Dopamine Determination. Nanomaterials, 2018, 8, 194.	4.1	125
35	Preparation of Cu ₂ O-Reduced Graphene Nanocomposite Modified Electrodes towards Ultrasensitive Dopamine Detection. Sensors, 2018, 18, 199.	3.8	102
36	Sensitive and Selective Detection of Tartrazine Based on TiO ₂ -Electrochemically Reduced Graphene Oxide Composite-Modified Electrodes. Sensors, 2018, 18, 1911.	3.8	71

#	ARTICLE	IF	CITATIONS
37	Synthesis and photocatalytic application of trinary structural g-C ₃ N ₄ /Ag/Ag ₃ PO ₄ composite nanomaterials. Journal of Environmental Chemical Engineering, 2017, 5, 5777-5785.	6.7	14
38	3D Flowerlike Fe ₂ O ₃ @TiO ₂ Core-Shell Nanostructures: General Synthesis and Enhanced Photocatalytic Performance. ACS Sustainable Chemistry and Engineering, 2015, 3, 2975-2984.	6.7	184