

# Jun Liu

## List of Publications by Year in descending order

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38  
papers

3,115  
citations

147726

31  
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315616

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38  
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38  
docs citations

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times ranked

2419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Improvements for Penetrating the Bloodâ€“Brain Barrierâ€“Recent Progress from a Material and Pharmaceutical Perspective. <i>Cells</i> , 2018, 7, 24.	1.8	207
2	A promising sensing platform toward dopamine using MnO <sub>2</sub> nanowires/electro-reduced graphene oxide composites. <i>Electrochimica Acta</i> , 2019, 296, 683-692.	2.6	201
3	3D Flowerlike $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> Coreâ€“Shell Nanostructures: General Synthesis and Enhanced Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2975-2984.	3.2	184
4	Reviewâ€“Recent Developments on Graphene-Based Electrochemical Sensors toward Nitrite. <i>Journal of the Electrochemical Society</i> , 2019, 166, B881-B895.	1.3	161
5	Rapid recognition and determination of tryptophan by carbon nanotubes and molecularly imprinted polymer-modified glassy carbon electrode. <i>Bioelectrochemistry</i> , 2020, 131, 107393.	2.4	151
6	Simultaneous and sensitive determination of ascorbic acid, dopamine and uric acid via an electrochemical sensor based on PVP-graphene composite. <i>Journal of Nanobiotechnology</i> , 2020, 18, 112.	4.2	136
7	Fabrication of Amine-Modified Magnetite-Electrochemically Reduced Graphene Oxide Nanocomposite Modified Glassy Carbon Electrode for Sensitive Dopamine Determination. <i>Nanomaterials</i> , 2018, 8, 194.	1.9	125
8	Recent progress on photocatalytic heterostructures with full solar spectral responses. <i>Chemical Engineering Journal</i> , 2020, 393, 124719.	6.6	123
9	Manganese dioxide Nanorods/electrochemically reduced graphene oxide nanocomposites modified electrodes for cost-effective and ultrasensitive detection of Amaranth. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 565-572.	2.5	119
10	Facile and Ultrasensitive Determination of 4-Nitrophenol Based on Acetylene Black Paste and Graphene Hybrid Electrode. <i>Nanomaterials</i> , 2019, 9, 429.	1.9	115
11	Facile Electrochemical Sensor for Nanomolar Rutin Detection Based on Magnetite Nanoparticles and Reduced Graphene Oxide Decorated Electrode. <i>Nanomaterials</i> , 2019, 9, 115.	1.9	104
12	Preparation of Cu <sub>2</sub> O-Reduced Graphene Nanocomposite Modified Electrodes towards Ultrasensitive Dopamine Detection. <i>Sensors</i> , 2018, 18, 199.	2.1	102
13	Morphologyâ€“Dependent Electrochemical Sensing Properties of Iron Oxideâ€“Graphene Oxide Nanohybrids for Dopamine and Uric Acid. <i>Nanomaterials</i> , 2019, 9, 835.	1.9	93
14	Electrochemical Sensor for Rapid and Sensitive Detection of Tryptophan by a Cu <sub>2</sub> O Nanoparticles-Coated Reduced Graphene Oxide Nanocomposite. <i>Biomolecules</i> , 2019, 9, 176.	1.8	92
15	Ultrasensitive detection of dopamine via electrochemical route on spindle-like $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Mesocrystals/rGO modified GCE. <i>Materials Research Bulletin</i> , 2021, 133, 111050.	2.7	90
16	Facile synthesis of dendritic-like CeO <sub>2</sub> /rGO composite and application for detection of uric acid and tryptophan simultaneously. <i>Journal of Solid State Chemistry</i> , 2021, 296, 122023.	1.4	88
17	Facile Synthesis of MnO <sub>2</sub> Nanoflowers/N-Doped Reduced Graphene Oxide Composite and Its Application for Simultaneous Determination of Dopamine and Uric Acid. <i>Nanomaterials</i> , 2019, 9, 847.	1.9	86
18	High sensitive voltammetric sensor for nanomolarity vanillin detection in food samples via manganese dioxide nanowires hybridized electrode. <i>Microchemical Journal</i> , 2020, 157, 104885.	2.3	81

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19	Sensitive and Selective Detection of Tartrazine Based on TiO <sub>2</sub> -Electrochemically Reduced Graphene Oxide Composite-Modified Electrodes. <i>Sensors</i> , 2018, 18, 1911.	2.1	71
20	A Highly Sensitive and Stable Dopamine Sensor Using Shuttle-Like $\text{Fe}_3\text{O}_4$ Nanoparticles/Electro-Reduced Graphene Oxide Composites. <i>Journal of the Electrochemical Society</i> , 2019, 166, B1552-B1561.	1.3	69
21	Nanohybrids of shuttle-like $\text{Fe}_3\text{O}_4$ nanoparticles and nitrogen-doped graphene for simultaneous voltammetric detection of dopamine and uric acid. <i>New Journal of Chemistry</i> , 2020, 44, 20797-20805.	1.4	65
22	Construction of effective electrochemical sensor for the determination of quinoline yellow based on different morphologies of manganese dioxide functionalized graphene. <i>Journal of Food Composition and Analysis</i> , 2019, 84, 103280.	1.9	62
23	Ta <sub>2</sub> O <sub>5</sub> /rGO Nanocomposite Modified Electrodes for Detection of Tryptophan through Electrochemical Route. <i>Nanomaterials</i> , 2019, 9, 811.	1.9	58
24	Electrochemical Sensing Fabricated with Ta <sub>2</sub> O <sub>5</sub> Nanoparticle-Electrochemically Reduced Graphene Oxide Nanocomposite for the Detection of Oxytetracycline. <i>Biomolecules</i> , 2020, 10, 110.	1.8	58
25	Facile Preparation of Fe <sub>3</sub> O <sub>4</sub> /C Nanocomposite and Its Application for Cost-Effective and Sensitive Detection of Tryptophan. <i>Biomolecules</i> , 2019, 9, 245.	1.8	56
26	A Novel Modified Electrode for Detection of the Food Colorant Sunset Yellow Based on Nanohybrid of MnO <sub>2</sub> Nanorods-Decorated Electrochemically Reduced Graphene Oxide. <i>Molecules</i> , 2019, 24, 1178.	1.7	54
27	Towards emerging EEG applications: a novel printable flexible Ag/AgCl dry electrode array for robust recording of EEG signals at forehead sites. <i>Journal of Neural Engineering</i> , 2020, 17, 026001.	1.8	54
28	A Simple and Efficient Molecularly Imprinted Electrochemical Sensor for the Selective Determination of Tryptophan. <i>Biomolecules</i> , 2019, 9, 294.	1.8	52
29	Rapid and Sensitive Voltammetric Detection of Rhodamine B in Chili-Containing Foodstuffs Using MnO <sub>2</sub> Nanorods/Electro-Reduced Graphene Oxide Composite. <i>Journal of the Electrochemical Society</i> , 2019, 166, B805-B813.	1.3	51
30	Titania/Electro-Reduced Graphene Oxide Nanohybrid as an Efficient Electrochemical Sensor for the Determination of Allura Red. <i>Nanomaterials</i> , 2020, 10, 307.	1.9	46
31	Morphologically Tunable MnO <sub>2</sub> Nanoparticles Fabrication, Modelling and Their Influences on Electrochemical Sensing Performance toward Dopamine. <i>Catalysts</i> , 2018, 8, 323.	1.6	36
32	Synthesis of g-C <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> nanostructures for enhanced photocatalytic reduction of U( <i>vi</i> ) in water. <i>RSC Advances</i> , 2021, 11, 4810-4817.	1.7	28
33	A Simple but Efficient Voltammetric Sensor for Simultaneous Detection of Tartrazine and Ponceau 4R Based on TiO <sub>2</sub> /Electro-Reduced Graphene Oxide Nanocomposite. <i>Chemosensors</i> , 2020, 8, 70.	1.8	24
34	Facile Preparation of Cu <sub>2</sub> O Nanoparticles and Reduced Graphene Oxide Nanocomposite for Electrochemical Sensing of Rhodamine B. <i>Nanomaterials</i> , 2019, 9, 958.	1.9	23
35	Catalytic Application and Mechanism Studies of Argentic Chloride Coupled Ag/Au Hollow Heterostructures: Considering the Interface Between Ag/Au Bimetals. <i>Nanoscale Research Letters</i> , 2019, 14, 35.	3.1	23
36	Synthesis and photocatalytic application of ternary structural g-C <sub>3</sub> N <sub>4</sub> /Ag/Ag <sub>3</sub> PO <sub>4</sub> composite nanomaterials. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5777-5785.	3.3	14

#	ARTICLE	IF	CITATIONS
37	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.	1.9	8
38	Construction of g-C <sub>3</sub> N <sub>4</sub> /Ag/TiO <sub>2</sub> Z-scheme photocatalyst and Its improved photocatalytic U(VI) reduction application in water. Water Science and Technology, 2022, 85, 2639-2651.	1.2	5