

Wen Shen

List of Publications by Year in descending order

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14
papers

574
citations

759233

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1058476

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docs citations

14
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-based electrochemiluminescence immunosensor with enhanced sensitivity for cardiac troponin I using N-(aminobutyl)-N-(ethylisoluminol)-functionalized gold nanoparticles as labels. <i>Biosensors and Bioelectronics</i> , 2011, 27, 18-24.	10.1	123
2	Firefly-mimicking intensive and long-lasting chemiluminescence hydrogels. <i>Nature Communications</i> , 2017, 8, 1003.	12.8	89
3	Chemiluminescence Immunoassays for Simultaneous Detection of Three Heart Disease Biomarkers Using Magnetic Carbon Composites and Three-Dimensional Microfluidic Paper-Based Device. <i>Analytical Chemistry</i> , 2019, 91, 13006-13013.	6.5	83
4	Metal Ion-Mediated Potential-Resolved Ratiometric Electrochemiluminescence Bioassay for Efficient Determination of miR-133a in Early Diagnosis of Acute Myocardial Infarction. <i>Analytical Chemistry</i> , 2020, 92, 7062-7070.	6.5	55
5	A graphene-based composite material noncovalently functionalized with a chemiluminescence reagent: synthesis and intrinsic chemiluminescence activity. <i>Chemical Communications</i> , 2012, 48, 2894.	4.1	47
6	Deep Learning-Assisted Three-Dimensional Fluorescence Difference Spectroscopy for Identification and Semiquantification of Illicit Drugs in Biofluids. <i>Analytical Chemistry</i> , 2019, 91, 9343-9347.	6.5	41
7	Combined Transition-Metal/Enzyme Dual Catalytic System for Highly Intensive Glow-Type Chemiluminescence-Functionalized CaCO ₃ Microspheres. <i>Analytical Chemistry</i> , 2019, 91, 10614-10621.	6.5	34
8	Highly chemiluminescent silver nanoclusters with a dual catalytic center. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6549-6555.	5.5	18
9	Rational design of functional materials guided by single particle chemiluminescence imaging. <i>Chemical Science</i> , 2019, 10, 5444-5451.	7.4	18
10	Lucigenin/Co(tryptophan) ₂ complex bifunctionalized graphene oxide: facile synthesis and unique chemiluminescence. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3477-3484.	5.5	16
11	Functionalized Polydopamine Nanospheres with Chemiluminescence and Immunoactivity for Label-Free Copeptin Immunosensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 4681-4689.	5.0	16
12	Ultrasensitive label-free electrochemiluminescence immunosensor based on N-(4-aminobutyl)-N-ethylisoluminol-functionalized graphene composite. <i>Science China Chemistry</i> , 2015, 58, 425-432.	8.2	13
13	Encapsulation of ionic nanoparticles produces reactive oxygen species (ROS)-responsive microgel useful for molecular detection. <i>Chemical Communications</i> , 2018, 54, 4329-4332.	4.1	11
14	Metal ion-induced chemiluminescence recovery for highly intensive chemiluminescence bifunctionalized polydopamine nanospheres. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14588-14593.	5.5	10