

Zhangyixia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1372203/publications.pdf>

Version: 2024-02-01

10
papers

222
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Human body-based self-powered wearable electronics for promoting wound healing driven by biomechanical motions. <i>Nano Energy</i> , 2021, 89, 106465.	16.0	55
2	Construction and application of targeted drug delivery system based on hyaluronic acid and heparin functionalised carbon dots. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110768.	5.0	39
3	Rapid cancer diagnosis by highly fluorescent carbon nanodots-based imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 967-972.	3.7	30
4	A turn-on fluorescent probe for glutathione detection based on the polyethylenimine-carbon dots-Cu ²⁺ system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111532.	3.8	24
5	Highly sensitive and flexible strain sensor based on AuNPs/CNTs synergic conductive network. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1469-1478.	3.1	20
6	A fluorometric method for mercury(II) detection based on the use of pyrophosphate-modified carbon quantum dots. <i>Mikrochimica Acta</i> , 2019, 186, 736.	5.0	19
7	Detection of carcinoembryonic antigen using a magnetoelastic nano-biosensor amplified with DNA-templated silver nanoclusters. <i>Nanotechnology</i> , 2020, 31, 015501.	2.6	14
8	High sensitivity detection of human serum albumin using a novel magnetoelastic immunosensor. <i>Journal of Materials Science</i> , 2019, 54, 9679-9688.	3.7	12
9	Surface stress-induced membrane biosensor based on double-layer stable gold nanostructures for <i>E. coli</i> detection. <i>IET Nanobiotechnology</i> , 2019, 13, 905-910.	3.8	5
10	A cost-effective smartphone-based device for ankle-brachial index (ABI) detection. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105790.	4.7	4