

Daniel Quesada-Gonzalez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

1,159
citations

11
h-index

13
g-index

13
ext. papers

1,420
ext. citations

13.1
avg, IF

5.39
L-index

#	Paper	IF	Citations
13	Integrating gold nanoclusters, folic acid and reduced graphene oxide for nanosensing of glutathione based on "turn-off" fluorescence. <i>Scientific Reports</i> , 2021 , 11, 2375	4.9	11
12	Fluorescence "turn-off/turn-on" biosensing of metal ions by gold nanoclusters, folic acid and reduced graphene oxide. <i>Analytica Chimica Acta</i> , 2021 , 1175, 338745	6.6	2
11	Tutorial: design and fabrication of nanoparticle-based lateral-flow immunoassays. <i>Nature Protocols</i> , 2020 , 15, 3788-3816	18.8	85
10	Signal enhancement on gold nanoparticle-based lateral flow tests using cellulose nanofibers. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111407	11.8	31
9	Iridium oxide (IV) nanoparticle-based lateral flow immunoassay. <i>Biosensors and Bioelectronics</i> , 2019 , 132, 132-135	11.8	28
8	Electrochemical detection of plant virus using gold nanoparticle-modified electrodes. <i>Analytica Chimica Acta</i> , 2019 , 1046, 123-131	6.6	46
7	Iridium oxide (IV) nanoparticle-based electrocatalytic detection of PBDE. <i>Biosensors and Bioelectronics</i> , 2019 , 127, 150-154	11.8	10
6	Uranium (VI) detection in groundwater using a gold nanoparticle/paper-based lateral flow device. <i>Scientific Reports</i> , 2018 , 8, 16157	4.9	26
5	Nanomaterial-based devices for point-of-care diagnostic applications. <i>Chemical Society Reviews</i> , 2018 , 47, 4697-4709	58.5	183
4	Mobile phone-based biosensing: An emerging "diagnostic and communication" technology. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 549-562	11.8	168
3	An iridium oxide nanoparticle and polythionine thin film based platform for sensitive Leishmania DNA detection. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5166-5171	7.3	24
2	Label-free impedimetric aptasensor for ochratoxin-A detection using iridium oxide nanoparticles. <i>Analytical Chemistry</i> , 2015 , 87, 5167-72	7.8	182
1	Nanoparticle-based lateral flow biosensors. <i>Biosensors and Bioelectronics</i> , 2015 , 73, 47-63	11.8	363