

Samer Doughan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9922748/publications.pdf>

Version: 2024-02-01

10
papers

519
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide upconversion nanoparticles and applications in bioassays and bioimaging: A review. <i>Analytica Chimica Acta</i> , 2014, 832, 1-33.	5.4	341
2	A paper-based resonance energy transfer nucleic acid hybridization assay using upconversion nanoparticles as donors and quantum dots as acceptors. <i>Analytica Chimica Acta</i> , 2015, 878, 1-8.	5.4	62
3	Solid-Phase Covalent Immobilization of Upconverting Nanoparticles for Biosensing by Luminescence Resonance Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14061-14068.	8.0	30
4	At-Home Real-Life Sample Preparation and Colorimetric-Based Analysis: A Practical Experience outside the Laboratory. <i>Journal of Chemical Education</i> , 2021, 98, 1031-1036.	2.3	29
5	A paper-based multiplexed resonance energy transfer nucleic acid hybridization assay using a single form of upconversion nanoparticle as donor and three quantum dots as acceptors. <i>Analytica Chimica Acta</i> , 2017, 962, 88-96.	5.4	25
6	Inorganic Nanoparticles as Donors in Resonance Energy Transfer for Solid-Phase Bioassays and Biosensors. <i>Langmuir</i> , 2017, 33, 12839-12858.	3.5	18
7	The Intersection of CMOS Microsystems and Upconversion Nanoparticles for Luminescence Bioimaging and Bioassays. <i>Sensors</i> , 2014, 14, 16829-16855.	3.8	11
8	Introducing Second Year Analytical Chemistry Students to Research through Experimental Design in the Undergraduate Teaching Laboratory. <i>Journal of Chemical Education</i> , 2022, 99, 4001-4007.	2.3	3
9	Resonance Energy Transfer-Based Nucleic Acid Hybridization Assays on Paper-Based Platforms Using Emissive Nanoparticles as Donors. <i>Methods in Molecular Biology</i> , 2017, 1571, 301-326.	0.9	0
10	Students as Investigators: Promoting Active Learning through a Case Study Assignment in a Lecture-Based Analytical Chemistry Course. <i>Journal of Chemical Education</i> , 0, , .	2.3	0