

Benjamin S Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8632477/publications.pdf>

Version: 2024-02-01

13
papers

1,518
citations

1051969

10
h-index

1255698

13
g-index

14
all docs

14
docs citations

14
times ranked

2577
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-picomolar lateral flow antigen detection with two-wavelength imaging of composite nanoparticles. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114133.	5.3	7
2	Clinical Validation of a Rapid Variant-Proof RT-RPA Assay for the Detection of SARS-CoV-2. <i>Diagnostics</i> , 2022, 12, 1263.	1.3	13
3	Automated phenotyping of mosquito larvae enables high-throughput screening for novel larvicides and offers potential for smartphone-based detection of larval insecticide resistance. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008639.	1.3	12
4	Harnessing recombinase polymerase amplification for rapid multi-gene detection of SARS-CoV-2 in resource-limited settings. <i>Biosensors and Bioelectronics</i> , 2021, 189, 113328.	5.3	44
5	Spin-enhanced nanodiamond biosensing for ultrasensitive diagnostics. <i>Nature</i> , 2020, 587, 588-593.	13.7	184
6	Digital technologies in the public-health response to COVID-19. <i>Nature Medicine</i> , 2020, 26, 1183-1192.	15.2	695
7	Towards a Future of Rapid, Low-Cost, Multiplexed Detection of Antimicrobial Resistance Markers for Tuberculosis and Other Pathogens. <i>Clinical Chemistry</i> , 2019, 65, 367-369.	1.5	2
8	A Serological Point-of-Care Test for the Detection of IgG Antibodies against Ebola Virus in Human Survivors. <i>ACS Nano</i> , 2018, 12, 63-73.	7.3	163
9	Platinum Nanocatalyst Amplification: Redefining the Gold Standard for Lateral Flow Immunoassays with Ultrabroad Dynamic Range. <i>ACS Nano</i> , 2018, 12, 279-288.	7.3	284
10	Quantifying Biomolecular Binding Constants using Video Paper Analytical Devices. <i>Chemistry - A European Journal</i> , 2018, 24, 9783-9787.	1.7	16
11	Unravelling the Molecular Basis of High Affinity Nanobodies against HIV p24: <i>In Vitro</i> Functional, Structural, and <i>In Silico</i> Insights. <i>ACS Infectious Diseases</i> , 2017, 3, 479-491.	1.8	33
12	Surface functionalisation of nanodiamonds for human neural stem cell adhesion and proliferation. <i>Scientific Reports</i> , 2017, 7, 7307.	1.6	48
13	Tuneable plasmonic gold dendrimer nanochains for sensitive disease detection. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7262-7266.	2.9	17