

Eleanor R Gray

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5513844/publications.pdf>

Version: 2024-02-01

16
papers

1,162
citations

623188

14
h-index

940134

16
g-index

20
all docs

20
docs citations

20
times ranked

1855
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Specific Capture and Whole-Genome Sequencing of Viruses from Clinical Samples. <i>PLoS ONE</i> , 2011, 6, e27805.	1.1	193
3	Spin-enhanced nanodiamond biosensing for ultrasensitive diagnostics. <i>Nature</i> , 2020, 587, 588-593.	13.7	184
4	Disease-associated XMRV sequences are consistent with laboratory contamination. <i>Retrovirology</i> , 2010, 7, 111.	0.9	141
5	Deep Sequencing of Viral Genomes Provides Insight into the Evolution and Pathogenesis of Varicella Zoster Virus and Its Vaccine in Humans. <i>Molecular Biology and Evolution</i> , 2014, 31, 397-409.	3.5	91
6	Towards an ultra-rapid smartphone- connected test for infectious diseases. <i>Scientific Reports</i> , 2017, 7, 11971.	1.6	42
7	p24 revisited. <i>Aids</i> , 2018, 32, 2089-2102.	1.0	37
8	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
9	Ultra-rapid, sensitive and specific digital diagnosis of HIV with a dual-channel SAW biosensor in a pilot clinical study. <i>Npj Digital Medicine</i> , 2018, 1, 35.	5.7	32
10	Evolution of Cocirculating Varicella-Zoster Virus Genotypes during a Chickenpox Outbreak in Guinea-Bissau. <i>Journal of Virology</i> , 2014, 88, 13936-13946.	1.5	29
11	No Evidence of XMRV or Related Retroviruses in a London HIV-1-Positive Patient Cohort. <i>PLoS ONE</i> , 2011, 6, e18096.	1.1	25
12	Binding of more than one Tva800 molecule is required for ASLV-A entry. <i>Retrovirology</i> , 2011, 8, 96.	0.9	19
13	Tuneable plasmonic gold dendrimer nanochains for sensitive disease detection. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7262-7266.	2.9	17
14	Self-Swabbing for Virological Confirmation of Influenza-Like Illness Among an Internet-Based Cohort in the UK During the 2014-2015 Flu Season: Pilot Study. <i>Journal of Medical Internet Research</i> , 2018, 20, e71.	2.1	17
15	Quantifying Biomolecular Binding Constants using Video Paper Analytical Devices. <i>Chemistry - A European Journal</i> , 2018, 24, 9783-9787.	1.7	16
16	Minor groove binder modification of widely used TaqMan hydrolysis probe for detection of dengue virus reduces risk of false-negative real-time PCR results for serotype 4. <i>Journal of Virological Methods</i> , 2019, 268, 17-23.	1.0	2