

# 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

623734

14  
h-index

940533

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. ACS Nano, 2018, 12, 279-288.	14.6	284
2	Specific Capture and Whole-Genome Sequencing of Viruses from Clinical Samples. PLoS ONE, 2011, 6, e27805.	2.5	193
3	Spin-enhanced nanodiamond biosensing for ultrasensitive diagnostics. Nature, 2020, 587, 588-593.	27.8	184
4	Disease-associated XMRV sequences are consistent with laboratory contamination. Retrovirology, 2010, 7, 111.	2.0	141
5	Deep Sequencing of Viral Genomes Provides Insight into the Evolution and Pathogenesis of Varicella Zoster Virus and Its Vaccine in Humans. Molecular Biology and Evolution, 2014, 31, 397-409.	8.9	91
6	Towards an ultra-rapid smartphone- connected test for infectious diseases. Scientific Reports, 2017, 7, 11971.	3.3	42
7	p24 revisited. Aids, 2018, 32, 2089-2102.	2.2	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. ACS Infectious Diseases, 2017, 3, 479-491.	3.8	33
9	Ultra-rapid, sensitive and specific digital diagnosis of HIV with a dual-channel SAW biosensor in a pilot clinical study. Npj Digital Medicine, 2018, 1, 35.	10.9	32
10	Evolution of Cocirculating Varicella-Zoster Virus Genotypes during a Chickenpox Outbreak in Guinea-Bissau. Journal of Virology, 2014, 88, 13936-13946.	3.4	29
11	No Evidence of XMRV or Related Retroviruses in a London HIV-1-Positive Patient Cohort. PLoS ONE, 2011, 6, e18096.	2.5	25
12	Binding of more than one Tva800 molecule is required for ASLV-A entry. Retrovirology, 2011, 8, 96.	2.0	19
13	Tuneable plasmonic gold dendrimer nanochains for sensitive disease detection. Journal of Materials Chemistry B, 2017, 5, 7262-7266.	5.8	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. Journal of Medical Internet Research, 2018, 20, e71.	4.3	17
15	Quantifying Biomolecular Binding Constants using Video Paper Analytical Devices. Chemistry - A European Journal, 2018, 24, 9783-9787.	3.3	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. Journal of Virological Methods, 2019, 268, 17-23.	2.1	2