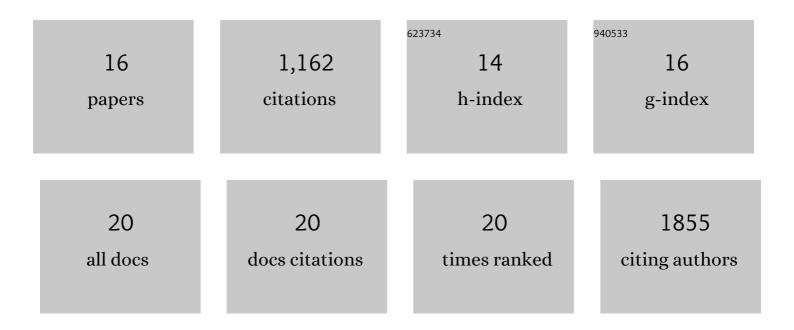
Eleanor R Gray

List of Publications by Year in descending order

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FLEANOR R CRAV

| # | 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 |