

# Jaclyn K Mann

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

802  
citations

840776

11  
h-index

580821

25  
g-index

26  
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26  
docs citations

26  
times ranked

1319  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Determinants of natural HIV-1 control. <i>AIDS Reviews</i> , 2022, 24, .   | 1.0  | 3         |
| 2  | Vulnerable targets in HIV-1 Pol for attenuation-based vaccine design. <i>Virology</i> , 2021, 554, 1-8.  | 2.4  | 1         |
| 3  | Effects of TNF- $\alpha$ and IL-10-819 T&C single nucleotide polymorphisms on urogenital schistosomiasis in preschool children in Zimbabwe. <i>African Journal of Laboratory Medicine</i> , 2021, 10, 1138.  | 0.6  | 4         |
| 4  | Subtype-specific differences in Gag-protease replication capacity of HIV-1 isolates from East and West Africa. <i>Retrovirology</i> , 2021, 18, 11.  | 2.0  | 2         |
| 5  | HIV-1 evades a Gag mutation that abrogates killer cell immunoglobulin-like receptor binding and disinhibits natural killer cells in infected individuals with KIR2DL2+/HLA-C $\alpha$ *03:04+ genotype. <i>Aids</i> , 2021, 35, 151-154.   | 2.2  | 2         |
| 6  | The potential of lactoferrin, ovotransferrin and lysozyme as antiviral and immune-modulating agents in COVID-19. <i>Future Virology</i> , 2020, 15, 609-624.   | 1.8  | 37        |
| 7  | Variation in HIV-1 Nef function within and among viral subtypes reveals genetically separable antagonism of SERINC3 and SERINC5. <i>PLoS Pathogens</i> , 2020, 16, e1008813.   | 4.7  | 20        |
| 8  | Association between the cytokine storm, immune cell dynamics, and viral replicative capacity in hyperacute HIV infection. <i>BMC Medicine</i> , 2020, 18, 81.  | 5.5  | 45        |
| 9  | Consequences of HLA-associated mutations in HIV-1 subtype C Nef on HLA downregulation ability. <i>Journal of Medical Virology</i> , 2020, 92, 1182-1190.   | 5.0  | 1         |
| 10 | Interleukin-10 and tumour necrosis factor alpha promoter region polymorphisms and susceptibility to urogenital schistosomiasis in young Zimbabwean children living in <i>Schistosoma haematobium</i> endemic regions. <i>Southern African Journal of Infectious Diseases</i> , 2020, 35, 11. | 0.5  | 1         |
| 11 | Modelling and in vitro testing of the HIV-1 Nef fitness landscape. <i>Virus Evolution</i> , 2019, 5, vez029.   | 4.9  | 11        |
| 12 | Resistance of Major Histocompatibility Complex Class B (MHC-B) to Nef-Mediated Downregulation Relative to that of MHC-A Is Conserved among Primate Lentiviruses and Influences Antiviral T Cell Responses in HIV-1-Infected Individuals. <i>Journal of Virology</i> , 2018, 92, .            | 3.4  | 12        |
| 13 | Dual HLA B*42 and B*81-reactive T cell receptors recognize more diverse HIV-1 Gag escape variants. <i>Nature Communications</i> , 2018, 9, 5023.   | 12.8 | 9         |
| 14 | Pol-Driven Replicative Capacity Impacts Disease Progression in HIV-1 Subtype C Infection. <i>Journal of Virology</i> , 2018, 92, .   | 3.4  | 12        |
| 15 | Subtype-Specific Differences in Gag-Protease-Driven Replication Capacity Are Consistent with Intersubtype Differences in HIV-1 Disease Progression. <i>Journal of Virology</i> , 2017, 91, .   | 3.4  | 34        |
| 16 | Mother-to-Child HIV Transmission Bottleneck Selects for Consensus Virus with Lower Gag-Protease-Driven Replication Capacity. <i>Journal of Virology</i> , 2017, 91, .  | 3.4  | 13        |
| 17 | Genetic determinants of Nef-mediated CD4 and HLA class I down-regulation differences between HIV-1 subtypes B and C. <i>Virology Journal</i> , 2015, 12, 200.  | 3.4  | 7         |
| 18 | High Frequency of Transmitted HIV-1 Gag HLA Class I-Driven Immune Escape Variants but Minimal Immune Selection over the First Year of Clade C Infection. <i>PLoS ONE</i> , 2015, 10, e0119886.   | 2.5  | 14        |

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|----|---|------|-----------|
| 19 | Selection of an HLA-C*03:04-Restricted HIV-1 p24 Gag Sequence Variant Is Associated with Viral Escape from KIR2DL3+ Natural Killer Cells: Data from an Observational Cohort in South Africa. PLoS Medicine, 2015, 12, e1001900. | 8.4  | 66        |
| 20 | The Fitness Landscape of HIV-1 Gag: Advanced Modeling Approaches and Validation of Model Predictions by In Vitro Testing. PLoS Computational Biology, 2014, 10, e1003776.   | 3.2  | 125       |
| 21 | Impact of HLA-driven HIV adaptation on virulence in populations of high HIV seroprevalence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5393-400.                              | 7.1  | 85        |
| 22 | Nef-mediated down-regulation of CD4 and HLA class I in HIV-1 subtype C infection: Association with disease progression and influence of immune pressure. Virology, 2014, 468-470, 214-225.                                      | 2.4  | 20        |
| 23 | Ability of HIV-1 Nef to downregulate CD4 and HLA class I differs among viral subtypes. Retrovirology, 2013, 10, 100.  | 2.0  | 68        |
| 24 | Translating HIV Sequences into Quantitative Fitness Landscapes Predicts Viral Vulnerabilities for Rational Immunogen Design. Immunity, 2013, 38, 606-617.   | 14.3 | 209       |
| 25 | Attenuated HIV-1 Nef But Not Vpu Function in a Cohort of Rwandan Long-Term Survivors. Frontiers in Virology, 0, 2, .  | 1.4  | 0         |