# Rebecca M Lynch

List of Publications by Year
in descending order



| 45 | 4,364 | 279798 23 | 254184 43 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 50 | 50 | 50 | 4796 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. Nature, 2013, 496, 469-476. | 27.8 | 961 |
| 2 | Effect of HIV Antibody VRC01 on Viral Rebound after Treatment Interruption. New England Journal of Medicine, 2016, 375, 2037-2050. | 27.0 | 391 |
| 3 | Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. Science Translational Medicine, 2015, 7, 319ra206. | 12.4 | 390 |
| 4 | Structural Repertoire of HIV-1-Neutralizing Antibodies Targeting the CD4 Supersite in 14 Donors. Cell, 2015, 161, 1280-1292. | 28.9 | 305 |
| 5 | Cooperation of B Cell Lineages in Induction of HIV-1-Broadly Neutralizing Antibodies. Cell, 2014, 158, 481-491. | 28.9 | 266 |
| 6 | Maturation and Diversity of the VRC01-Antibody Lineage over 15 Years of Chronic HIV-1 Infection. Cell, 2015, 161, 470-485. | 28.9 | 226 |
| 7 | New Member of the V1V2-Directed CAP256-VRC26 Lineage That Shows Increased Breadth and Exceptional Potency. Journal of Virology, 2016, 90, 76-91. | 3.4 | 205 |
| 8 | A Dominant Complement Fixation Pathway for Pneumococcal Polysaccharides Initiated by SIGN-R1 Interacting with C1q. Cell, 2006, 125, 47-58. | 28.9 | 204 |
| 9 | Escape from Autologous Neutralizing Antibodies in Acute/Early Subtype C HIV-1 Infection Requires Multiple Pathways. PLoS Pathogens, 2009, 5, e1000594. | 4.7 | 172 |
| 10 | The Development of CD4 Binding Site Antibodies during HIV-1 Infection. Journal of Virology, 2012, 86, 7588-7595. | 3.4 | 123 |
| 11 | HIV-1 Fitness Cost Associated with Escape from the VRC01 Class of CD4 Binding Site Neutralizing Antibodies. Journal of Virology, 2015, 89, 4201-4213. | 3.4 | 121 |
| 12 | Quality and quantity of T <sub>FH</sub> cells are critical for broad antibody development in SHIV <sub>AD8</sub> infection. Science Translational Medicine, 2015, 7, 298ra120. | 12.4 | 119 |
| 13 | An autoreactive antibody from an SLE/HIV-1 individual broadly neutralizes HIV-1. Journal of Clinical Investigation, 2014, 124, 1835-1843. | 8.2 | 93 |
| 14 | Analysis of immunoglobulin transcripts and hypermutation following SHIVAD8 infection and protein-plus-adjuvant immunization. Nature Communications, 2015, 6, 6565. | 12.8 | 77 |
| 15 | Appreciating HIV Type 1 Diversity: Subtype Differences in Env. AIDS Research and Human Retroviruses, 2009, 25, 237-248. | 1.1 | 69 |
| 16 | The B Cell Response Is Redundant and Highly Focused on V1V2 during Early Subtype C Infection in a Zambian Seroconverter. Journal of Virology, 2011, 85, 905-915. | 3.4 | 66 |
| 17 | HIV-1 diversity considerations in the application of the Intact Proviral DNA Assay (IPDA). Nature Communications, 2021, 12, 165. | 12.8 | 60 |
| 18 | Broad T cell immunity to the LcrV virulence protein is induced by targeted delivery to DECâ€205/CD205â€positive mouse dendritic cells. European Journal of Immunology, 2008, 38, 20-29. | 2.9 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Donor and Recipient Envs from Heterosexual Human Immunodeficiency Virus Subtype C Transmission Pairs Require High Receptor Levels for Entry. Journal of Virology, 2010, 84, 4100-4104. | 3.4 | 53 |
| 20 | SIV infection of rhesus macaques results in dysfunctional T- and B-cell responses to neo and recall Leishmania major vaccination. Blood, 2011, 118, 5803-5812. | 1.4 | 45 |
| 21 | Subtype-specific conservation of isoleucine 309 in the envelope V3 domain is linked to immune evasion in subtype C HIV-1 infection. Virology, 2010, 404, 59-70. | 2.4 | 30 |
| 22 | Accurate Prediction for Antibody Resistance of Clinical HIV-1 Isolates. Scientific Reports, 2019, 9, 14696. | 3.3 | 30 |
| 23 | Simian-Human Immunodeficiency Virus SHIV.CH505 Infection of Rhesus Macaques Results in Persistent Viral Replication and Induces Intestinal Immunopathology. Journal of Virology, 2019, 93, . | 3.4 | 27 |
| 24 | Co-circulation of dengue, chikungunya, and Zika viruses in Colombia from 2008 to 2018. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2019, 43, 1. | 1.1 | 27 |
| 25 | Predicting the broadly neutralizing antibody susceptibility of the HIV reservoir. JCI Insight, 2019, 4, . | 5.0 | 25 |
| 26 | Establishment of a Novel Humanized Mouse Model To Investigate In Vivo Activation and Depletion of Patient-Derived HIV Latent Reservoirs. Journal of Virology, 2019, 93, . | 3.4 | 24 |
| 27 | Neutralizing antibody VRC01 failed to select for HIV-1 mutations upon viral rebound. Journal of Clinical Investigation, 2020, 130, 3299-3304. | 8.2 | 24 |
| 28 | Characterization of broadly neutralizing antibody responses to HIV-1 in a cohort of long term non-progressors. PLoS ONE, 2018, 13, e0193773. | 2.5 | 24 |
| 29 | Augmented Zika and Dengue Neutralizing Antibodies Are Associated With Guillain-BarrÃ© Syndrome. Journal of Infectious Diseases, 2019, 219, 26-30. | 4.0 | 21 |
| 30 | Susceptibility to Neutralization by Broadly Neutralizing Antibodies Generally Correlates with Infected Cell Binding for a Panel of Clade B HIV Reactivated from Latent Reservoirs. Journal of Virology, 2018, 92, . | 3.4 | 20 |
| 31 | Broadly Neutralizing Antibodies as Treatment: Effects on Virus and Immune System. Current HIV/AIDS Reports, 2017, 14, 54-62. | 3.1 | 18 |
| 32 | HIV vaccine research and discovery in the nonhuman primates model. Current Opinion in HIV and AIDS, 2013, 8, 1. | 3.8 | 13 |
| 33 | Long-term clinical outcomes of Zika-associated Guillain-BarrÃ© syndrome. Emerging Microbes and Infections, 2018, 7, 1-4. | 6.5 | 11 |
| 34 | B cells in HIV pathogenesis. Current Opinion in Infectious Diseases, 2016, 29, 23-30. | 3.1 | 10 |
| 35 | Engineered Antigen-Specific T Cells Secreting Broadly Neutralizing Antibodies: Combining Innate and Adaptive Immune Response against HIV. Molecular Therapy - Methods and Clinical Development, 2020, 19, 78-88. | 4.1 | 10 |
| 36 | Effects of persistent modulation of intestinal microbiota on SIV/HIV vaccination in rhesus macaques. Npj Vaccines, 2021, 6, 34. | 6.0 | 7 |

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|---|---|---|---|
| 37 | Second-trimester Ultrasound and Neuropathologic Findings in Congenital Zika Virus Infection. Pediatric Infectious Disease Journal, 2018, 37, 1290-1293. | 2.0 | 6 |
| 38 | Relationships between Neutralization, Binding, and ADCC of Broadly Neutralizing Antibodies against Reservoir HIV. Journal of Virology, 2020, 95, . | 3.4 | 5 |
| 39 | Longitudinal dynamics of the HIV-specific B cell response during intermittent treatment of primary HIV infection. PLoS ONE, 2017, 12, e0173577. | 2.5 | 5 |
| 40 | Embracing diversity: how can broadly neutralizing antibodies effectively target a diverse HIV-1 reservoir?. Current Opinion in Pharmacology, 2020, 54, 173-178. | 3.5 | 4 |
| 41 | Authorsâ€™ response to the letter to the editor entitled: Co-circulation of dengue, chikungunya, and Zika viruses and cross-protection. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2019, 43, 1. | 1.1 | 4 |
| 42 | Maintenance of CD4+ T cell TCR VÎ² repertoire heterogeneity is characteristic of apathogenic SIV infection in non-human primate model of AIDS. Virology, 2007, 369, 324-328. | 2.4 | 3 |
| 43 | 107 Escape from Neutralizing Antibody in Early Subtype C HIV-1 Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, . | 2.1 | 0 |
| 44 | Isolation of Monoclonal Antibodies from a SHIV-AD8 Infected Rhesus Macaque with Broad Neutralizing Activity. AIDS Research and Human Retroviruses, 2014, 30, A78-A78. | 1.1 | 0 |
| 45 | Intra- and inter-individual HIV diversity limits the application of the intact proviral detection assay (IPDA). Journal of Virus Eradication, 2019, 5, 9. | 0.5 | 0 |