# Rebecca M Dubois

List of Publications by Year
in descending order



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|---|---|---|---|
| 32 papers | 1,804 citations | 331670 21 h-index | 434195 31 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 3105 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structures of Two Human Astrovirus Capsid/Neutralizing Antibody Complexes Reveal Distinct Epitopes and Inhibition of Virus Attachment to Cells. Journal of Virology, 2022, 96, JVI0141521. | 3.4 | 6 |
| 2 | Structure-Based Design and Antigenic Validation of Respiratory Syncytial Virus G Immunogens. Journal of Virology, 2022, 96, e0220121. | 3.4 | 6 |
| 3 | The Capsid Precursor Protein of Astrovirus VA1 Is Proteolytically Processed Intracellularly. Journal of Virology, 2022, 96, . | 3.4 | 6 |
| 4 | The Pre-Existing Human Antibody Repertoire to Computationally Optimized Influenza H1 Hemagglutinin Vaccines. Journal of Immunology, 2022, 209, 5-15. | 0.8 | 5 |
| 5 | Respiratory Syncytial Virus (RSV) G Protein Vaccines With Central Conserved Domain Mutations Induce CX3C-CX3CR1 Blocking Antibodies. Viruses, 2021, 13, 352. | 3.3 | 17 |
| 6 | Human Astrovirus 1â€“8 Seroprevalence Evaluation in a United States Adult Population. Viruses, 2021, 13, 979. | 3.3 | 6 |
| 7 | Protein Disulfide Isomerase A4 Is Involved in Genome Uncoating during Human Astrovirus Cell Entry. Viruses, 2021, 13, 53. | 3.3 | 18 |
| 8 | Conformational Flexibility in Respiratory Syncytial Virus G Neutralizing Epitopes. Journal of Virology, 2020, 94, . | 3.4 | 15 |
| 9 | Rapid and sensitive detection of SARS-CoV-2 antibodies by biolayer interferometry. Scientific Reports, 2020, 10, 21738. | 3.3 | 49 |
| 10 | A simplified workflow for monoclonal antibody sequencing. PLoS ONE, 2019, 14, e0218717. | 2.5 | 37 |
| 11 | Isolation of Neutralizing Monoclonal Antibodies to Human Astrovirus and Characterization of Virus Variants That Escape Neutralization. Journal of Virology, 2019, 93, . | 3.4 | 26 |
| 12 | Structures of respiratory syncytial virus G antigen bound to broadly neutralizing antibodies. Science Immunology, 2018, 3, . | 11.9 | 48 |
| 13 | Structural Basis for Escape of Human Astrovirus from Antibody Neutralization: Broad Implications for Rational Vaccine Design. Journal of Virology, 2018, 92, . | 3.4 | 18 |
| 14 | Tenacious Researchers Identify a Weakness in All Ebolaviruses. MBio, 2018, 9, . | 4.1 | 0 |
| 15 | Nanopore long-read RNAseq reveals widespread transcriptional variation among the surface receptors of individual B cells. Nature Communications, 2017, 8, 16027. | 12.8 | 329 |
| 16 | Structure of a Human Astrovirus Capsid-Antibody Complex and Mechanistic Insights into Virus Neutralization. Journal of Virology, 2017, 91, . | 3.4 | 26 |
| 17 | Combining ATAC-seq with nuclei sorting for discovery of cis-regulatory regions in plant genomes. Nucleic Acids Research, 2017, 45, e41-e41. | 14.5 | 231 |
| 18 | The Astrovirus Capsid: A Review. Viruses, 2017, 9, 15. | 3.3 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | De Novo Sequencing and Resurrection of a Human Astrovirus-Neutralizing Antibody. ACS Infectious Diseases, 2016, 2, 313-321. | 3.8 | 15 |
| 20 | Structural, Mechanistic, and Antigenic Characterization of the Human Astrovirus Capsid. Journal of Virology, 2016, 90, 2254-2263. | 3.4 | 30 |
| 21 | Functional and evolutionary insight from the crystal structure of rubella virus protein E1. Nature, 2013, 493, 552-556. | 27.8 | 91 |
| 22 | Crystal Structure of the Avian Astrovirus Capsid Spike. Journal of Virology, 2013, 87, 7853-7863. | 3.4 | 36 |
| 23 | Structural and Biochemical Basis for Development of Influenza Virus Inhibitors Targeting the PA Endonuclease. PLoS Pathogens, 2012, 8, e1002830. | 4.7 | 127 |
| 24 | Identification of Influenza Endonuclease Inhibitors Using a Novel Fluorescence Polarization Assay. ACS Chemical Biology, 2012, 7, 526-534. | 3.4 | 78 |
| 25 | The Receptor-Binding Domain of Influenza Virus Hemagglutinin Produced in Escherichia coli Folds into Its Native, Immunogenic Structure. Journal of Virology, 2011, 85, 865-872. | 3.4 | 49 |
| 26 | A Contributing Role for Anti-Neuraminidase Antibodies on Immunity to Pandemic H1N1 2009 Influenza A Virus. PLoS ONE, 2011, 6, e26335. | 2.5 | 55 |
| 27 | Acid Stability of the Hemagglutinin Protein Regulates H5N1 Influenza Virus Pathogenicity. PLoS Pathogens, 2011, 7, e1002398. | 4.7 | 110 |
| 28 | Antiviral Susceptibility of Avian and Swine Influenza Virus of the N1 Neuraminidase Subtype. Journal of Virology, 2010, 84, 9800-9809. | 3.4 | 31 |
| 29 | Herpes Simplex Virus Glycoproteins H/L Bind to Cells Independently of Î±VÎ²3 Integrin and Inhibit Virus Entry, and Their Constitutive Expression Restricts Infection. Journal of Virology, 2010, 84, 4013-4025. | 3.4 | 39 |
| 30 | Structure of a core fragment of glycoprotein H from pseudorabies virus in complex with antibody. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22635-22640. | 7.1 | 76 |
| 31 | An Influenza A/H1N1/2009 Hemagglutinin Vaccine Produced in Escherichia coli. PLoS ONE, 2010, 5, e11694. | 2.5 | 48 |
| 32 | Amino Acid Residues in the Fusion Peptide Pocket Regulate the pH of Activation of the H5N1 Influenza Virus Hemagglutinin Protein. Journal of Virology, 2009, 83, 3568-3580. | 3.4 | 94 |