

# Syed M Moin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11525633/publications.pdf>

Version: 2024-02-01

19  
papers

2,318  
citations

394421

19  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2914  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Broad neutralization of H1 and H3 viruses by adjuvanted influenza HA stem vaccines in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .   | 12.4 | 49        |
| 2  | Quadrivalent influenza nanoparticle vaccines induce broad protection. <i>Nature</i> , 2021, 592, 623-628.  | 27.8 | 180       |
| 3  | Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody responses. <i>Nature Communications</i> , 2020, 11, 791.   | 12.8 | 36        |
| 4  | A proof of concept for structure-based vaccine design targeting RSV in humans. <i>Science</i> , 2019, 365, 505-509.  | 12.6 | 207       |
| 5  | Design of Nanoparticulate Group 2 Influenza Virus Hemagglutinin Stem Antigens That Activate Unmutated Ancestor B Cell Receptors of Broadly Neutralizing Antibody Lineages. <i>MBio</i> , 2019, 10, .   | 4.1  | 88        |
| 6  | Infants Infected with Respiratory Syncytial Virus Generate Potent Neutralizing Antibodies that Lack Somatic Hypermutation. <i>Immunity</i> , 2018, 48, 339-349.e5.   | 14.3 | 126       |
| 7  | Improved Prefusion Stability, Optimized Codon Usage, and Augmented Virion Packaging Enhance the Immunogenicity of Respiratory Syncytial Virus Fusion Protein in a Vectored-Vaccine Candidate. <i>Journal of Virology</i> , 2017, 91, .   | 3.4  | 30        |
| 8  | Structural basis of respiratory syncytial virus subtype-dependent neutralization by an antibody targeting the fusion glycoprotein. <i>Nature Communications</i> , 2017, 8, 1877.   | 12.8 | 53        |
| 9  | Rapid profiling of RSV antibody repertoires from the memory B cells of naturally infected adult donors. <i>Science Immunology</i> , 2016, 1, .   | 11.9 | 180       |
| 10 | A live RSV vaccine with engineered thermostability is immunogenic in cotton rats despite high attenuation. <i>Nature Communications</i> , 2016, 7, 13916.  | 12.8 | 81        |
| 11 | Packaging and Prefusion Stabilization Separately and Additively Increase the Quantity and Quality of Respiratory Syncytial Virus (RSV)-Neutralizing Antibodies Induced by an RSV Fusion Protein Expressed by a Parainfluenza Virus Vector. <i>Journal of Virology</i> , 2016, 90, 10022-10038. | 3.4  | 31        |
| 12 | A Recombinant Respiratory Syncytial Virus Vaccine Candidate Attenuated by a Low-Fusion F Protein Is Immunogenic and Protective against Challenge in Cotton Rats. <i>Journal of Virology</i> , 2016, 90, 7508-7518.   | 3.4  | 40        |
| 13 | Characterization of a Prefusion-Specific Antibody That Recognizes a Quaternary, Cleavage-Dependent Epitope on the RSV Fusion Glycoprotein. <i>PLoS Pathogens</i> , 2015, 11, e1005035.   | 4.7  | 106       |
| 14 | Prefusion F-specific antibodies determine the magnitude of RSV neutralizing activity in human sera. <i>Science Translational Medicine</i> , 2015, 7, 309ra162.   | 12.4 | 312       |
| 15 | Hemagglutinin-stem nanoparticles generate heterosubtypic influenza protection. <i>Nature Medicine</i> , 2015, 21, 1065-1070.   | 30.7 | 567       |
| 16 | A Subset of Membrane-Altering Agents and $\beta$ -Secretase Modulators Provoke Nonsubstrate Cleavage by Rhomboid Proteases. <i>Cell Reports</i> , 2014, 8, 1241-1247.  | 6.4  | 22        |
| 17 | An Internal Water-Retention Site in the Rhomboid Intramembrane Protease GlpG Ensures Catalytic Efficiency. <i>Structure</i> , 2012, 20, 1255-1263.   | 3.3  | 36        |
| 18 | Membrane immersion allows rhomboid proteases to achieve specificity by reading transmembrane segment dynamics. <i>ELife</i> , 2012, 1, e00173.   | 6.0  | 90        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The hepatitis E virus ORF3 protein stabilizes HIF-1 $\alpha$ and enhances HIF-1-mediated transcriptional activity through p300/CBP. Cellular Microbiology, 2009, 11, 1409-1421. | 2.1 | 55        |