

John T Bates

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,497
citations

471509

17
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

2842
citing authors

#	ARTICLE	IF	CITATIONS
1	Proof of principle for epitope-focused vaccine design. <i>Nature</i> , 2014, 507, 201-206.	27.8	451
2	Flagellin as an Adjuvant: Cellular Mechanisms and Potential. <i>Journal of Immunology</i> , 2010, 185, 5677-5682.	0.8	330
3	De novo protein design enables the precise induction of RSV-neutralizing antibodies. <i>Science</i> , 2020, 368, .	12.6	137
4	Direct Stimulation of <i>tlr5</i> ^{+/+} CD11c ⁺ Cells Is Necessary for the Adjuvant Activity of Flagellin. <i>Journal of Immunology</i> , 2009, 182, 7539-7547.	0.8	76
5	Structural basis for antibody cross-neutralization of respiratory syncytial virus and human metapneumovirus. <i>Nature Microbiology</i> , 2017, 2, 16272.	13.3	65
6	Mucosal adjuvant activity of flagellin in aged mice. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 271-281.	4.6	52
7	Structural basis for nonneutralizing antibody competition at antigenic site II of the respiratory syncytial virus fusion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6849-E6858.	7.1	38
8	Enhanced Antigen Processing of Flagellin Fusion Proteins Promotes the Antigen-Specific CD8 ⁺ T Cell Response Independently of TLR5 and MyD88. <i>Journal of Immunology</i> , 2011, 186, 6255-6262.	0.8	34
9	Expression of a non- <i>tlr5</i> DNA-binding isoform of Helios induces T-cell lymphoma in mice. <i>Blood</i> , 2007, 109, 2190-2197.	1.4	32
10	Escape from neutralization by the respiratory syncytial virus-specific neutralizing monoclonal antibody palivizumab is driven by changes in on-rate of binding to the fusion protein. <i>Virology</i> , 2014, 454-455, 139-144.	2.4	31
11	Anti-SARS-CoV-2 Activity of Rhamnan Sulfate from <i>Monostroma nitidum</i> . <i>Marine Drugs</i> , 2021, 19, 685.	4.6	30
12	Prophylactic and therapeutic testing of Nicotiana-derived RSV-neutralizing human monoclonal antibodies in the cotton rat model. <i>MAbs</i> , 2013, 5, 263-269.	5.2	28
13	Reversion of Somatic Mutations of the Respiratory Syncytial Virus-Specific Human Monoclonal Antibody Fab19 Reveal a Direct Relationship between Association Rate and Neutralizing Potency. <i>Journal of Immunology</i> , 2013, 190, 3732-3739.	0.8	26
14	Immunogenicity and efficacy of alphavirus-derived replicon vaccines for respiratory syncytial virus and human metapneumovirus in nonhuman primates. <i>Vaccine</i> , 2016, 34, 950-956.	3.8	26
15	Effective screening of SARS-CoV-2 neutralizing antibodies in patient serum using lentivirus particles pseudotyped with SARS-CoV-2 spike glycoprotein. <i>Scientific Reports</i> , 2020, 10, 19076.	3.3	24
16	Heparan sulfates from bat and human lung and their binding to the spike protein of SARS-CoV-2 virus. <i>Carbohydrate Polymers</i> , 2021, 260, 117797.	10.2	21
17	Potential Anti-SARS-CoV-2 Activity of Pentosan Polysulfate and Mucopolysaccharide Polysulfate. <i>Pharmaceuticals</i> , 2022, 15, 258.	3.8	20
18	Pigs immunized with Chinese highly pathogenic PRRS virus modified live vaccine are protected from challenge with North American PRRSV strain NADC-20. <i>Vaccine</i> , 2015, 33, 3518-3525.	3.8	17

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19	The degree of polymerization and sulfation patterns in heparan sulfate are critical determinants of cytomegalovirus entry into host cells. <i>PLoS Pathogens</i> , 2021, 17, e1009803.	4.7	17
20	IgG Antibody Response to the Pfizer BNT162b2 SARS-CoV-2 Vaccine in Healthcare Workers with Healthy Weight, Overweight, and Obesity. <i>Vaccines</i> , 2022, 10, 512.	4.4	11
21	Blocking SARS-CoV-2 Delta Variant (B.1.617.2) Spike Protein Receptor-Binding Domain Binding with the ACE2 Receptor of the Host Cell and Inhibiting Virus Infections Using Human Host Defense Peptide-Conjugated Graphene Quantum Dots. <i>ACS Omega</i> , 2022, 7, 8150-8157.	3.5	10
22	STAT4 Deficiency Fails To Induce Lung Th2 or Th17 Immunity following Primary or Secondary Respiratory Syncytial Virus (RSV) Challenge but Enhances the Lung RSV-Specific CD8 ⁺ T Cell Immune Response to Secondary Challenge. <i>Journal of Virology</i> , 2014, 88, 9655-9672.	3.4	8
23	Enhanced responsiveness to antigen contributes more to immunological memory in CD4 T cells than increases in the number of cells. <i>Immunology</i> , 2005, 116, 318-327.	4.4	5
24	Tegument Protein pp150 Sequence-Specific Peptide Blocks Cytomegalovirus Infection. <i>Viruses</i> , 2021, 13, 2277.	3.3	2
25	Response to Comment on "Flagellin as an Adjuvant: Cellular Mechanisms and Potential" <i>Journal of Immunology</i> , 2011, 186, 1299.2-1299.	0.8	0
26	Efficacy of POC Antibody Assays after COVID-19 Infection and Potential Utility for "Immunity Passports" <i>Laboratory Medicine</i> , 2022, 53, 262-265.	1.2	0