

Gopal Sapparapu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,926
citations

331670

21
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

3366
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutralizing human antibodies prevent Zika virus replication and fetal disease in mice. <i>Nature</i> , 2016, 540, 443-447.	27.8	349
2	Cross-Reactive and Potent Neutralizing Antibody Responses in Human Survivors of Natural Ebolavirus Infection. <i>Cell</i> , 2016, 164, 392-405.	28.9	160
3	A lipid-encapsulated mRNA encoding a potently neutralizing human monoclonal antibody protects against chikungunya infection. <i>Science Immunology</i> , 2019, 4, .	11.9	147
4	Cross-Neutralizing and Protective Human Antibody Specificities to Poxvirus Infections. <i>Cell</i> , 2016, 167, 684-694.e9.	28.9	141
5	Mechanism of Human Antibody-Mediated Neutralization of Marburg Virus. <i>Cell</i> , 2015, 160, 893-903.	28.9	130
6	A human antibody against Zika virus crosslinks the E protein to prevent infection. <i>Nature Communications</i> , 2017, 8, 14722.	12.8	122
7	Isolation and Characterization of Broad and Ultrapotent Human Monoclonal Antibodies with Therapeutic Activity against Chikungunya Virus. <i>Cell Host and Microbe</i> , 2015, 18, 86-95.	11.0	116
8	Broadly neutralizing antibodies from human survivors target a conserved site in the Ebola virus glycoprotein HR2â€™MPER region. <i>Nature Microbiology</i> , 2018, 3, 670-677.	13.3	68
9	Monoclonal Antibodies Against the Staphylococcus aureus Bicomponent Leukotoxin AB Isolated Following Invasive Human Infection Reveal Diverse Binding and Modes of Action. <i>Journal of Infectious Diseases</i> , 2017, 215, 1124-1131.	4.0	65
10	H7N9 influenza virus neutralizing antibodies that possess few somatic mutations. <i>Journal of Clinical Investigation</i> , 2016, 126, 1482-1494.	8.2	62
11	Human Rotavirus VP6-Specific Antibodies Mediate Intracellular Neutralization by Binding to a Quaternary Structure in the Transcriptional Pore. <i>PLoS ONE</i> , 2013, 8, e61101.	2.5	51
12	Cryo-EM structures elucidate neutralizing mechanisms of anti-chikungunya human monoclonal antibodies with therapeutic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13898-13903.	7.1	50
13	Dengue Virus prM-Specific Human Monoclonal Antibodies with Virus Replication-Enhancing Properties Recognize a Single Immunodominant Antigenic Site. <i>Journal of Virology</i> , 2016, 90, 780-789.	3.4	50
14	Mapping the Human Memory B Cell and Serum Neutralizing Antibody Responses to Dengue Virus Serotype 4 Infection and Vaccination. <i>Journal of Virology</i> , 2017, 91, .	3.4	44
15	Structural basis for norovirus neutralization by an HBGA blocking human IgA antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5830-E5837.	7.1	41
16	Exceptional Amyloid Î² Peptide Hydrolyzing Activity of Nonphysiological Immunoglobulin Variable Domain Scaffolds. <i>Journal of Biological Chemistry</i> , 2008, 283, 36724-36733.	3.4	36
17	Mouse and Human Monoclonal Antibodies Protect against Infection by Multiple Genotypes of Japanese Encephalitis Virus. <i>MBio</i> , 2018, 9, .	4.1	32
18	Human antibodies that neutralize respiratory droplet transmissible H5N1 influenza viruses. <i>Journal of Clinical Investigation</i> , 2013, 123, 4405-4409.	8.2	31

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19	Redesigned HIV antibodies exhibit enhanced neutralizing potency and breadth. <i>Journal of Clinical Investigation</i> , 2015, 125, 2523-2531.	8.2	31
20	Frequent Use of the IgA Isotype in Human B Cells Encoding Potent Norovirus-Specific Monoclonal Antibodies That Block HBGA Binding. <i>PLoS Pathogens</i> , 2016, 12, e1005719.	4.7	27
21	Vaccine-elicited antibody that neutralizes H5N1 influenza and variants binds the receptor site and polymorphic sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9346-9351.	7.1	26
22	A protective human monoclonal antibody targeting the West Nile virus E protein preferentially recognizes mature virions. <i>Nature Microbiology</i> , 2019, 4, 71-77.	13.3	25
23	Determinants of VH1-46 Cross-Reactivity to Pemphigus Vulgaris Autoantigen Desmoglein 3 and Rotavirus Antigen VP6. <i>Journal of Immunology</i> , 2016, 197, 1065-1073.	0.8	21
24	Long antibody HCDR3s from HIV-naïve donors presented on a PG9 neutralizing antibody background mediate HIV neutralization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4446-4451.	7.1	20
25	Recognition of influenza H3N2 variant virus by human neutralizing antibodies. <i>JCI Insight</i> , 2016, 1, .	5.0	20
26	Constant Domain-regulated Antibody Catalysis*. <i>Journal of Biological Chemistry</i> , 2012, 287, 36096-36104.	3.4	14
27	Antigen-specific Proteolysis by Hybrid Antibodies Containing Promiscuous Proteolytic Light Chains Paired with an Antigen-binding Heavy Chain. <i>Journal of Biological Chemistry</i> , 2009, 284, 24622-24633.	3.4	13
28	Chronic myeloid leukemia stem cells require cell-autonomous pleiotrophin signaling. <i>Journal of Clinical Investigation</i> , 2019, 130, 315-328.	8.2	11
29	Increased breadth of HIV-1 neutralization achieved by diverse antibody clones each with limited neutralization breadth. <i>PLoS ONE</i> , 2018, 13, e0209437.	2.5	8
30	Intracellular neutralization of a virus using a cell-penetrating molecular transporter. <i>Nanomedicine</i> , 2014, 9, 1613-1624.	3.3	7
31	Deficient synthesis of class-switched, HIV-neutralizing antibodies to the CD4 binding site and correction by electrophilic gp120 immunogen. <i>Aids</i> , 2014, 28, 2201-2211.	2.2	4
32	Human Monoclonal Antibodies to the Staphylococcus aureus Toxin LukAB have Distinct Mechanisms of Protection and Are Efficacious In Vivo. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
33	Human antibodies that neutralize respiratory droplet transmissible H5N1 influenza viruses. <i>Journal of Clinical Investigation</i> , 2013, 123, 4979-4979.	8.2	0