

B Vijayalakshmi Ayyar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/849832/publications.pdf>

Version: 2024-02-01

22
papers

872
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	Affinity chromatography as a tool for antibody purification. <i>Methods</i> , 2012, 56, 116-129.	3.8	151
2	Coming-of-Age of Antibodies in Cancer Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 1009-1028.	8.7	89
3	Human Norovirus Cultivation in Nontransformed Stem Cell-Derived Human Intestinal Enteroid Cultures: Success and Challenges. <i>Viruses</i> , 2019, 11, 638.	3.3	84
4	New Insights and Enhanced Human Norovirus Cultivation in Human Intestinal Enteroids. <i>MSphere</i> , 2021, 6, .	2.9	78
5	Bile acids and ceramide overcome the entry restriction for GII.3 human norovirus replication in human intestinal enteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1700-1710.	7.1	75
6	Affinity chromatography: A versatile technique for antibody purification. <i>Methods</i> , 2017, 116, 84-94.	3.8	71
7	Genetic Manipulation of Human Intestinal Enteroids Demonstrates the Necessity of a Functional Fucosyltransferase 2 Gene for Secretor-Dependent Human Norovirus Infection. <i>MBio</i> , 2020, 11, .	4.1	65
8	Human norovirus exhibits strain-specific sensitivity to host interferon pathways in human intestinal enteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23782-23793.	7.1	63
9	Surface plasmon resonance for vaccine design and efficacy studies: recent applications and future trends. <i>Expert Review of Vaccines</i> , 2010, 9, 645-664.	4.4	37
10	Comparison of Microneutralization and Histo-Blood Group Antigen-Blocking Assays for Functional Norovirus Antibody Detection. <i>Journal of Infectious Diseases</i> , 2019, 221, 739-743.	4.0	34
11	Optimizing antibody expression: The nuts and bolts. <i>Methods</i> , 2017, 116, 51-62.	3.8	28
12	Highly sensitive recombinant antibodies capable of reliably differentiating heart-type fatty acid binding protein from noncardiac isoforms. <i>Analytical Biochemistry</i> , 2010, 407, 165-171.	2.4	22
13	Affinity Chromatography for Antibody Purification. <i>Methods in Molecular Biology</i> , 2014, 1129, 497-516.	0.9	20
14	Facile domain rearrangement abrogates expression recalcitrance in a rabbit scFv. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2693-2703.	3.6	16
15	The C-Terminal Heavy-Chain Domain of Botulinum Neurotoxin A Is Not the Only Site That Binds Neurons, as the N-Terminal Heavy-Chain Domain Also Plays a Very Active Role in Toxin-Cell Binding and Interactions. <i>Infection and Immunity</i> , 2015, 83, 1465-1476.	2.2	16
16	Antigenic sites on the HN domain of botulinum neurotoxin A stimulate protective antibody responses against active toxin. <i>Scientific Reports</i> , 2015, 5, 15776.	3.3	12
17	Development of humanized scFv antibody fragment(s) that targets and blocks specific HLA alleles linked to myasthenia gravis. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 8165-8179.	3.6	6
18	Effects of membrane properties on the binding activities of the H N and H C heavy-chain domains of botulinum neurotoxin A. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1678-1685.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Decoding Selection Bias Imparted by Unpaired Cysteines: a Tug of War Between Expression and Affinity. Applied Biochemistry and Biotechnology, 2018, 185, 778-785.	2.9	1
20	Production and Use of Antibodies. Food Chemistry, Function and Analysis, 2019, , 6-31.	0.2	1
21	588 GII.3 HUMAN NOROVIRUS REQUIRES BILE ACID AND CERAMIDE FOR ENTRY AND INFECTION OF HUMAN INTESTINAL ENTEROIDS. Gastroenterology, 2020, 158, S-125-S-126.	1.3	0
22	First Report Of Humanizing An Antibody Fragment To Block Alleles Linked To Myasthenia Gravis. , 2018, , .		0