

Ohad Mazor

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

962
citations

471477

17
h-index

501174

28
g-index

46
all docs

46
docs citations

46
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	A single dose of recombinant VSV- Δ G-spike vaccine provides protection against SARS-CoV-2 challenge. <i>Nature Communications</i> , 2020, 11, 6402.	12.8	177
2	A panel of human neutralizing mAbs targeting SARS-CoV-2 spike at multiple epitopes. <i>Nature Communications</i> , 2020, 11, 4303.	12.8	134
3	Post-exposure protection of SARS-CoV-2 lethal infected K18-hACE2 transgenic mice by neutralizing human monoclonal antibody. <i>Nature Communications</i> , 2021, 12, 944.	12.8	53
4	Spike vs nucleocapsid SARS-CoV-2 antigen detection: application in nasopharyngeal swab specimens. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3501-3510.	3.7	45
5	Isolation of Anti-Ricin Protective Antibodies Exhibiting High Affinity from Immunized Non-Human Primates. <i>Toxins</i> , 2016, 8, 64.	3.4	43
6	Treatments for Pulmonary Ricin Intoxication: Current Aspects and Future Prospects. <i>Toxins</i> , 2017, 9, 311.	3.4	42
7	Antibody/doxycycline combined therapy for pulmonary ricinosis: Attenuation of inflammation improves survival of ricin-intoxicated mice. <i>Toxicology Reports</i> , 2014, 1, 496-504.	3.3	41
8	A biolayer interferometry-based assay for rapid and highly sensitive detection of biowarfare agents. <i>Analytical Biochemistry</i> , 2016, 506, 22-27.	2.4	35
9	Isolation and Chimerization of a Highly Neutralizing Antibody Conferring Passive Protection against Lethal Bacillus anthracis Infection. <i>PLoS ONE</i> , 2009, 4, e6351.	2.5	33
10	Diverse Profiles of Ricin-Cell Interactions in the Lung Following Intranasal Exposure to Ricin. <i>Toxins</i> , 2015, 7, 4817-4831.	3.4	32
11	Antibody treatment against pulmonary exposure to abrin confers significantly higher levels of protection than treatment against ricin intoxication. <i>Toxicology Letters</i> , 2015, 237, 72-78.	0.8	29
12	Therapeutic antibodies, targeting the SARS-CoV-2 spike N-terminal domain, protect lethally infected K18-hACE2 mice. <i>IScience</i> , 2021, 24, 102479.	4.1	29
13	A Novel Mechanism for Antibody-based Anthrax Toxin Neutralization. <i>Journal of Biological Chemistry</i> , 2012, 287, 32665-32673.	3.4	23
14	Neutralizing Monoclonal Anti-SARS-CoV-2 Antibodies Isolated from Immunized Rabbits Define Novel Vulnerable Spike-Protein Epitope. <i>Viruses</i> , 2021, 13, 566.	3.3	23
15	Acetylcholinesterase-Fc Fusion Protein (AChE-Fc): A Novel Potential Organophosphate Bioscavenger with Extended Plasma Half-Life. <i>Bioconjugate Chemistry</i> , 2015, 26, 1753-1758.	3.6	22
16	Characterization and Epitope Mapping of the Polyclonal Antibody Repertoire Elicited by Ricin Holotoxin-Based Vaccination. <i>Vaccine Journal</i> , 2014, 21, 1534-1540.	3.1	20
17	Extended therapeutic window for post-exposure treatment of ricin intoxication conferred by the use of high-affinity antibodies. <i>Toxicon</i> , 2017, 127, 100-105.	1.6	20
18	Characterization of antibody-antigen interactions using biolayer interferometry. <i>STAR Protocols</i> , 2021, 2, 100836.	1.2	16

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19	Improved antibody-based ricin neutralization by affinity maturation is correlated with slower off-rate values. <i>Protein Engineering, Design and Selection</i> , 2017, 30, 611-617.	2.1	15
20	Inhibition of <i>Francisella tularensis</i> phagocytosis using a novel anti-LPS scFv antibody fragment. <i>Scientific Reports</i> , 2019, 9, 11418.	3.3	14
21	Novel Phage Display-Derived Anti-Abrin Antibodies Confer Post-Exposure Protection against Abrin Intoxication. <i>Toxins</i> , 2018, 10, 80.	3.4	13
22	The neutralization potency of anti-SARS-CoV-2 therapeutic human monoclonal antibodies is retained against viral variants. <i>Cell Reports</i> , 2021, 36, 109679.	6.4	12
23	Rapid assessment of antibody-induced ricin neutralization by employing a novel functional cell-based assay. <i>Journal of Immunological Methods</i> , 2015, 424, 136-139.	1.4	11
24	A primer set for comprehensive amplification of V-genes from rhesus macaque origin based on repertoire sequencing. <i>Journal of Immunological Methods</i> , 2019, 465, 67-71.	1.4	9
25	Fc-Independent Protection from SARS-CoV-2 Infection by Recombinant Human Monoclonal Antibodies. <i>Antibodies</i> , 2021, 10, 45.	2.5	9
26	Mice with induced pulmonary morbidities display severe lung inflammation and mortality following exposure to SARS-CoV-2. <i>JCI Insight</i> , 2021, 6, .	5.0	7
27	An in vitro cell-based potency assay for pharmaceutical type A botulinum antitoxins. <i>Vaccine</i> , 2017, 35, 7213-7216.	3.8	6
28	Ricin-Holotoxin-Based Vaccines: Induction of Potent Ricin-Neutralizing Antibodies. <i>Methods in Molecular Biology</i> , 2016, 1403, 683-694.	0.9	5
29	Equal Neutralization Potency of Antibodies Raised against Abrin Subunits. <i>Antibodies</i> , 2020, 9, 4.	2.5	5
30	A cell-based alternative to the mouse potency assay for pharmaceutical type E botulinum antitoxins. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, , .	1.5	4
31	Highly Specific Monoclonal Antibody Targeting the Botulinum Neurotoxin Type E Exposed SNAP-25 Neoepitope. <i>Antibodies</i> , 2022, 11, 21.	2.5	4
32	The low density receptor-related protein 1 plays a significant role in ricin-mediated intoxication of lung cells. <i>Scientific Reports</i> , 2020, 10, 9007.	3.3	3
33	Sensitive Immunodetection of Severe Acute Respiratory Syndrome Coronavirus 2 Variants of Concern 501Y.V2 and 501Y.V1. <i>Journal of Infectious Diseases</i> , 2021, 224, 616-619.	4.0	3
34	Mapping Immunodominant Antibody Epitopes of Abrin. <i>Antibodies</i> , 2020, 9, 11.	2.5	2
35	Neutralization of the anthrax toxin by antibody-mediated stapling of its membrane-penetrating loop. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1197-1205.	2.3	2
36	A Serological Snapshot of COVID-19 Initial Stages in Israel by a 6-Plex Antigen Array. <i>Microbiology Spectrum</i> , 2021, 9, e0087021.	3.0	2

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37	Immunodominant Linear B-Cell Epitopes of SARS-CoV-2 Spike, Identified by Sera from K18-hACE2 Mice Infected with the WT or Variant Viruses. <i>Vaccines</i> , 2022, 10, 251.	4.4	2