

M Frank Erasmus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6246010/publications.pdf>

Version: 2024-02-01

15
papers

365
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Phage and Yeast Display to Select Hundreds of Monoclonal Antibodies: Application to Antigen 85, a Tuberculosis Biomarker. PLoS ONE, 2012, 7, e49535.	2.5	68
2	Many Routes to an Antibody Heavy-Chain CDR3: Necessary, Yet Insufficient, for Specific Binding. Frontiers in Immunology, 2018, 9, 395.	4.8	66
3	The antibody mining toolbox. MAbs, 2014, 6, 160-172.	5.2	41
4	From deep sequencing to actual clones. Protein Engineering, Design and Selection, 2014, 27, 301-307.	2.1	37
5	Recombinant renewable polyclonal antibodies. MAbs, 2015, 7, 32-41.	5.2	31
6	Drug-like antibodies with high affinity, diversity and developability directly from next-generation antibody libraries. MAbs, 2021, 13, 1980942.	5.2	24
7	A pandemic-enabled comparison of discovery platforms demonstrates a naïve antibody library can match the best immune-sourced antibodies. Nature Communications, 2022, 13, 462.	12.8	17
8	Dynamic pre-BCR homodimers fine-tune autonomous survival signals in B cell precursor acute lymphoblastic leukemia. Science Signaling, 2016, 9, ra116.	3.6	15
9	Selection of phage-displayed accessible recombinant targeted antibodies (SPARTA): methodology and applications. JCI Insight, 2018, 3, .	5.0	15
10	Allergen Valency, Dose, and Fc μ RI Occupancy Set Thresholds for Secretory Responses to Pen a 1 and Motivate Design of Hypoallergens. Journal of Immunology, 2017, 198, 1034-1046.	0.8	13
11	A single donor is sufficient to produce a highly functional in vitro antibody library. Communications Biology, 2021, 4, 350.	4.4	12
12	Recombinant Antibodies against Mycolactone. Toxins, 2019, 11, 346.	3.4	9
13	Exploiting next-generation sequencing in antibody selections – a simple PCR method to recover binders. MAbs, 2020, 12, 1701792.	5.2	7
14	Rapid purification of billions of circulating CD19+ B cells directly from leukaphoresis samples. New Biotechnology, 2018, 46, 14-21.	4.4	6
15	Primer Design and Inverse PCR on Yeast Display Antibody Selection Outputs. Methods in Molecular Biology, 2018, 1721, 35-45.	0.9	4