M Frank Erasmus

List of Publications by Year
in descending order

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	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
2	A single donor is sufficient to produce a highly functional in vitro antibody library. Communications Biology, 2021, 4, 350.	4.4	12
3	Drug-like antibodies with high affinity, diversity and developability directly from next-generation antibody libraries. MAbs, 2021, 13, 1980942.	5.2	24
4	Exploiting next-generation sequencing in antibody selections – a simple PCR method to recover binders. MAbs, 2020, 12, 1701792.	5.2	7
5	Recombinant Antibodies against Mycolactone. Toxins, 2019, 11, 346.	3.4	9
6	Primer Design and Inverse PCR on Yeast Display Antibody Selection Outputs. Methods in Molecular Biology, 2018, 1721, 35-45.	0.9	4
7	Selection of phage-displayed accessible recombinant targeted antibodies (SPARTA): methodology and applications. JCI Insight, 2018, 3, .	5.0	15
8	Many Routes to an Antibody Heavy-Chain CDR3: Necessary, Yet Insufficient, for Specific Binding. Frontiers in Immunology, 2018, 9, 395.	4.8	66
9	Rapid purification of billions of circulating CD19+ B cells directly from leukophoresis samples. New Biotechnology, 2018, 46, 14-21.	4.4	6
10	Allergen Valency, Dose, and FcεRI 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	Dynamic pre-BCR homodimers fine-tune autonomous survival signals in B cell precursor acute lymphoblastic leukemia. Science Signaling, 2016, 9, ra116.	3.6	15
12	Recombinant renewable polyclonal antibodies. MAbs, 2015, 7, 32-41.	5.2	31
13	The antibody mining toolbox. MAbs, 2014, 6, 160-172.	5.2	41
14	From deep sequencing to actual clones. Protein Engineering, Design and Selection, 2014, 27, 301-307.	2.1	37
15	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