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List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	2,179 citations	516710 16 h-index	477307 29 g-index
33 all docs	33 docs citations	33 times ranked	1767 citing authors

#	Article	IF	Citations
1	Fully synthetic human combinatorial antibody libraries (HuCAL) based on modular consensus frameworks and CDRs randomized with trinucleotides 1 1Edited by I. A. Wilson. Journal of Molecular Biology, 2000, 296, 57-86.	4.2	706
2	Picomolar affinity antibodies from a fully synthetic naive library selected and evolved by ribosome display. Nature Biotechnology, 2000, 18, 1287-1292.	17.5	362
3	Engineered turns of a recombinant antibody improve its in vivo folding. Protein Engineering, Design and Selection, 1995, 8, 81-89.	2.1	219
4	High-throughput generation and engineering of recombinant human antibodies. Journal of Immunological Methods, 2001, 254, 67-84.	1.4	158
5	Human Combinatorial Fab Library Yielding Specific and Functional Antibodies against the Human Fibroblast Growth Factor Receptor 3. Journal of Biological Chemistry, 2003, 278, 38194-38205.	3.4	110
6	The Effect of Folding Catalysts on the In Vivo Folding Process of Different Antibody Fragments Expressed in Escherichia coli. Nature Biotechnology, 1993, 11, 77-83.	17.5	89
7	Animal-free alternatives and the antibody iceberg. Nature Biotechnology, 2020, 38, 1234-1239.	17.5	58
8	Dimeric 3-Phosphoglycerate Kinases from Hyperthermophilic Archaea. Cloning, Sequencing and Expression of the 3-Phosphoglycerate Kinase Gene of Pyrococcus woesei in Escherichia coli and Characterization of the Protein. Structural and Functional Comparison with the 3-Phosphoglycerate Kinase of Methanothermus fervidus. FEBS Journal, 1995, 233, 227-237.	0.2	53
9	Off-rate screening for selection of high-affinity anti-drug antibodies. Analytical Biochemistry, 2013, 441, 208-213.	2.4	53
10	Anti-Sclerostin Antibody Inhibits Internalization of Sclerostin and Sclerostin-Mediated Antagonism of Wnt/LRP6 Signaling. PLoS ONE, 2013, 8, e62295.	2.5	51
11	High-Affinity Recombinant Antibody Fragments (Fabs) Can Be Applied in Peptide Enrichment Immuno-MRM Assays. Journal of Proteome Research, 2014, 13, 2187-2196.	3.7	42
12	Microarray of Recombinant Antibodies Using a Streptavidin Sensor Surface Self-Assembled onto a Gold Layer. BioTechniques, 2003, 34, 124-130.	1.8	39
13	Antibodies for proteomic research: Comparison of traditional immunization with recombinant antibody technology. Proteomics, 2006, 6, 2638-2646.	2.2	37
14	Direct kinetic fingerprinting and digital counting of single protein molecules. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22815-22822.	7.1	35
15	Animal-derived-antibody generation faces strict reform in accordance with European Union policy on animal use. Nature Methods, 2020, 17, 755-756.	19.0	27
16	Isolation and comparative characterization of Ki-67 equivalent antibodies from the HuCALÂ® phage display library. Biological Chemistry, 2006, 387, 995-1003.	2.5	19
17	Periplasmic expression of SpyTagged antibodyÂfragments enables rapid modularÂantibodyÂassembly. Cell Chemical Biology, 2021, 28, 813-824.e6.	5.2	18
18	Reproducibility: bypass animals for antibody production. Nature, 2020, 581, 262-262.	27.8	17

#	Article	IF	Citations
19	Selection of vimentin-specific antibodies from the HuCALÂ® phage display library by subtractive panning on formalin-fixed, paraffin-embedded tissue. Biological Chemistry, 2007, 388, 651-8.	2.5	14
20	Recombinant Monoclonal Antibodies. Methods in Molecular Biology, 2007, 378, 15-31.	0.9	11
21	Animal- versus in vitro-derived antibodies: avoiding the extremes. MAbs, 2021, 13, 1950265.	5.2	11
22	Generation by phage display and characterization of drug-target complex-specific antibodies for pharmacokinetic analysis of biotherapeutics. MAbs, 2019, 11, 178-190.	5.2	10
23	A novel reverse transduction adenoviral array for the functional analysis of shRNA libraries. BMC Genomics, 2008, 9, 441.	2.8	9
24	Recombinant Antibody Expression and Purification. Springer Protocols, 2009, , 1929-1943.	0.3	7
25	Isolation and characterization of selective and potent human Fab inhibitors directed to the active-site region of the two-component NS2Bâ€“NS3 proteinase of West Nile virus. Biochemical Journal, 2010, 427, 369-376.	3.7	6
26	Monoclonal Antibody Generation by Phage Display. , 2018, , 47-80.		6
27	Development of Recombinant Human IgA for Anticardiolipin Antibodies Assay Standardization. Annals of the New York Academy of Sciences, 2009, 1173, 190-198.	3.8	4
28	Selecting highly structure-specific antibodies using structured synthetic mimics of the cystine knot protein sclerostin. Protein Engineering, Design and Selection, 2012, 25, 251-259.	2.1	4
29	Titration of Infective and Noninfective Ff Filamentous Bacteriophages Using a Monoclonal Antibody against g3p. BioTechniques, 2000, 29, 26-30.	1.8	2
30	Crystallization and preliminary X-ray crystallographic analysis of the sclerostin-neutralizing Fab AbD09097. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 388-392.	0.8	2
31	Highly Sensitive Protein Quantification by Direct Kinetic Fingerprinting of Single Protein Molecules. Biophysical Journal, 2021, 120, 185a.	0.5	0
32	Strategies for Recombinant Antibody Library Synthesis: An Advanced Source for Immunoglobulins in Environmental Analysis. Teubner-Reihe Umwelt, 1998, , 161-178.	0.1	0