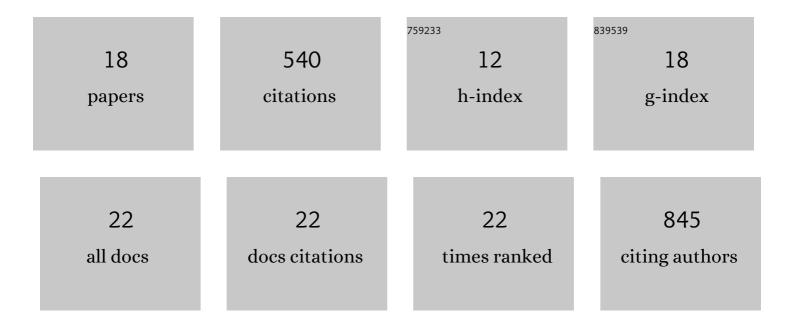
Elisabeth Lobner

List of Publications by Year in descending order

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FUSARETH LORNED

#	Article	IF	CITATIONS
1	Inefficient CAR-proximal signaling blunts antigen sensitivity. Nature Immunology, 2020, 21, 848-856.	14.5	83
2	Engineering AvidCARs for combinatorial antigen recognition and reversible control of CAR function. Nature Communications, 2020, 11, 4166.	12.8	53
3	Identification of lectin receptors for conserved SARS oVâ€⊋ glycosylation sites. EMBO Journal, 2021, 40, e108375.	7.8	44
4	Strong Enrichment of Aromatic Residues in Binding Sites from a Charge-neutralized Hyperthermostable Sso7d Scaffold Library. Journal of Biological Chemistry, 2016, 291, 22496-22508.	3.4	42
5	Engineered IgG1â€Fc – one fragment to bind them all. Immunological Reviews, 2016, 270, 113-131.	6.0	35
6	Directed evolution of Her2/neu-binding IgG1-Fc for improved stability and resistance to aggregation by using yeast surface display. Protein Engineering, Design and Selection, 2013, 26, 255-265.	2.1	34
7	A comprehensive antigen production and characterisation study for easy-to-implement, specific and quantitative SARS-CoV-2 serotests. EBioMedicine, 2021, 67, 103348.	6.1	34
8	N-Glycosylation of the SARS-CoV-2 Receptor Binding Domain Is Important for Functional Expression in Plants. Frontiers in Plant Science, 2021, 12, 689104.	3.6	34
9	Construction of pHâ€sensitive Her2â€binding lgC1â€Fc by directed evolution. Biotechnology Journal, 2014, 9, 1013-1022.	3.5	30
10	Fcab-HER2 Interaction: a Ménage à Trois. Lessons from X-Ray and Solution Studies. Structure, 2017, 25, 878-889.e5.	3.3	29
11	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. ELife, 2021, 10, .	6.0	29
12	Generation of enzymatically competent SARS oVâ€2 decoy receptor ACE2â€Fc in glycoengineered <i>Nicotiana benthamiana</i> . Biotechnology Journal, 2021, 16, e2000566.	3.5	26
13	Two-faced Fcab prevents polymerization with VEGF and reveals thermodynamics and the 2.15ÂÃ crystal structure of the complex. MAbs, 2017, 9, 1088-1104.	5.2	11
14	Steric Accessibility of the Cleavage Sites Dictates the Proteolytic Vulnerability of the Antiâ€HIVâ€1 Antibodies 2F5, 2G12, and PG9 in Plants. Biotechnology Journal, 2020, 15, e1900308.	3.5	10
15	Getting CD19 Into Shape: Expression of Natively Folded "Difficult-to- Express―CD19 for Staining and Stimulation of CAR-T Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 49.	4.1	9
16	Directed Evolution of Stabilized Monomeric CD19 for Monovalent CAR Interaction Studies and Monitoring of CAR-T Cell Patients. ACS Synthetic Biology, 2021, 10, 1184-1198.	3.8	9
17	Impact of Specific N-Glycan Modifications on the Use of Plant-Produced SARS-CoV-2 Antigens in Serological Assays. Frontiers in Plant Science, 2021, 12, 747500.	3.6	8
18	Designed SARSâ€CoVâ€2 receptor binding domain variants form stable monomers. Biotechnology Journal, 2022, 17, e2100422.	3.5	8