

Elisabeth Lobner

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

540
citations

759233

12
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839539

18
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22
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22
docs citations

22
times ranked

845
citing authors

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