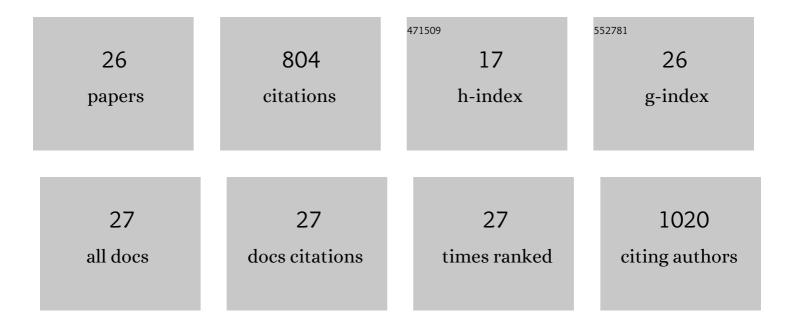
Michael W Traxlmayr

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Protein Engineering and Selection Using Yeast Surface Display. Methods in Molecular Biology, 2015, 1319, 3-36.	0.9	83
2	Directed evolution of proteins for increased stability and expression using yeast display. Archives of Biochemistry and Biophysics, 2012, 526, 174-180.	3.0	76
3	A conformation-specific ON-switch for controlling CAR T cells with an orally available drug. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14926-14935.	7.1	59
4	An engineered protein antagonist of K-Ras/B-Raf interaction. Scientific Reports, 2017, 7, 5831.	3.3	55
5	Engineering AvidCARs for combinatorial antigen recognition and reversible control of CAR function. Nature Communications, 2020, 11, 4166.	12.8	53
6	Directed evolution of stabilized IgG1-Fc scaffolds by application of strong heat shock to libraries displayed on yeast. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 542-549.	2.3	50
7	Construction of a Stability Landscape of the CH3 Domain of Human IgG1 by Combining Directed Evolution with High Throughput Sequencing. Journal of Molecular Biology, 2012, 423, 397-412.	4.2	48
8	Immune Suppression by γδT-cells as a Potential Regulatory Mechanism After Cancer Vaccination With IL-12 Secreting Dendritic Cells. Journal of Immunotherapy, 2010, 33, 40-52.	2.4	42
9	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
10	Engineered lgG1â€Fc – one fragment to bind them all. Immunological Reviews, 2016, 270, 113-131.	6.0	35
11	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
12	Construction of pHâ€sensitive Her2â€binding IgG1â€Fc by directed evolution. Biotechnology Journal, 2014, 9, 1013-1022.	3.5	30
13	Fcab-HER2 Interaction: a Ménage à Trois. Lessons from X-Ray and Solution Studies. Structure, 2017, 25, 878-889.e5.	3.3	29
14	Directed Evolution of Protein Thermal Stability Using Yeast Surface Display. Methods in Molecular Biology, 2017, 1575, 45-65.	0.9	24
15	Driving CARs with alternative navigation tools – the potential of engineered binding scaffolds. FEBS Journal, 2021, 288, 2103-2118.	4.7	23
16	Integrin binding human antibody constant domains—Probing the C-terminal structural loops for grafting the RGD motif. Journal of Biotechnology, 2011, 155, 193-202.	3.8	21
17	Stability assessment on a library scale: a rapid method for the evaluation of the commutability and insertion of residues in C-terminal loops of the CH3 domains of IgG1-Fc. Protein Engineering, Design and Selection, 2013, 26, 675-682.	2.1	20
18	Engineering Strategies to Overcome the Stability–Function Trade-Off in Proteins. ACS Synthetic Biology, 2022, 11, 1030-1039.	3.8	15

#	Article	IF	CITATIONS
19	Peroxidasin protein expression and enzymatic activity in metastatic melanoma cell lines are associated with invasive potential. Redox Biology, 2021, 46, 102090.	9.0	12
20	Design Principles for SuCESsFul Biosensors: Specific Fluorophore/Analyte Binding and Minimization of Fluorophore/Scaffold Interactions. Journal of Molecular Biology, 2016, 428, 4228-4241.	4.2	11
21	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
22	Cytosolic delivery of siRNA by ultra-high affinity dsRNA binding proteins. Nucleic Acids Research, 2017, 45, 7602-7614.	14.5	11
23	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
24	Affinity and Stability Analysis of Yeast Displayed Proteins. Methods in Molecular Biology, 2022, 2491, 155-173.	0.9	5
25	Creating stable stem regions for loop elongation in Fcabs — Insights from combining yeast surface display, in silico loop reconstruction and molecular dynamics simulations. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1530-1540.	2.3	3
26	PhosphoFlowSeq – A High-throughput Kinase Activity Assay for Screening Drug Resistance Mutations in EGFR. Journal of Molecular Biology, 2021, 433, 167210.	4.2	3