Robert J Pantazes

List of Publications by Year
in descending order

13	453	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational design of Candida boidinii xylose reductase for altered cofactor specificity. Protein Science, 2009, 18, 2125-2138.	7.6	84
2	Recent advances in computational protein design. Current Opinion in Structural Biology, 2011, 21, 467-472.	5.7	78
3	OptMAVEn â€“ A New Framework for the de novo Design of Antibody Variable Region Models Targeting Specific Antigen Epitopes. PLoS ONE, 2014, 9, e105954.	2.5	59
4	Optimal protein library design using recombination or point mutations based on sequence-based scoring functions. Protein Engineering, Design and Selection, 2007, 20, 361-373.	2.1	37
5	Identification of disease-specific motifs in the antibody specificity repertoire via next-generation sequencing. Scientific Reports, 2016, 6, 30312.	3.3	35
6	The Iterative Protein Redesign and Optimization (IPRO) suite of programs. Journal of Computational Chemistry, 2015, 36, 251-263.	3.3	34
7	Antibody epitope repertoire analysis enables rapid antigen discovery and multiplex serology. Scientific Reports, 2020, 10, 5294.	3.3	31
8	De novo design of antibody complementarity determining regions binding a FLAG tetra-peptide. Scientific Reports, 2017, 7, 10295.	3.3	27
9	MAPs: a database of modular antibody parts for predicting tertiary structures and designing affinity matured antibodies. BMC Bioinformatics, 2013, 14, 168.	2.6	24
10	OptZyme: Computational Enzyme Redesign Using Transition State Analogues. PLoS ONE, 2013, 8, e75358.	2.5	22
11	Nanobody-based CTLA4 inhibitors for immune checkpoint blockade therapy of canine cancer patients. Scientific Reports, 2021, 11, 20763.	3.3	10
12	Engineering pH responsive fibronectin domains for biomedical applications. Journal of Biological Engineering, 2015, 9, 6.	4.7	9
13	Development and Analyses of a Database of Antibody â€“ Antigen Complexes. Computer Aided Chemical Engineering, 2018, 44, 2113-2118.	0.5	3