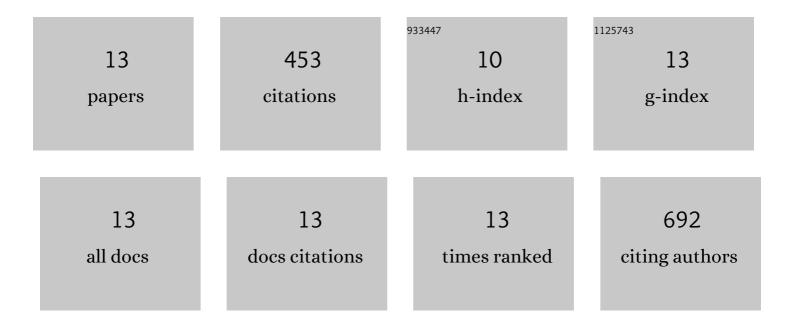
## **Robert J Pantazes**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2870966/publications.pdf Version: 2024-02-01



POREDT | DANITAZES

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Computational design of <i>Candida boidinii</i> xylose reductase for altered cofactor specificity.<br>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 – A New Framework for the de novo Design of Antibody Variable Region Models Targeting<br>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.<br>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.<br>Scientific Reports, 2021, 11, 20763.                                      | 3.3 | 10        |
| 12 | Engineering pH responsive fibronectin domains for biomedical applications. Journal of Biological<br>Engineering, 2015, 9, 6.   | 4.7 | 9         |
| 13 | Development and Analyses of a Database of Antibody – Antigen Complexes. Computer Aided Chemical<br>Engineering, 2018, 44, 2113-2118.   | 0.5 | 3         |