

# Tim M Jacobs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2903710/publications.pdf>

Version: 2024-02-01

15  
papers

1,037  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromolecular modeling and design in Rosetta: recent methods and frameworks. <i>Nature Methods</i> , 2020, 17, 665-680.	19.0	513
2	Analysis of Pre-existing IgG and IgM Antibodies against Polyethylene Glycol (PEG) in the General Population. <i>Analytical Chemistry</i> , 2016, 88, 11804-11812.	6.5	240
3	Identification and Characterization of MCM3 as a Kelch-like ECH-associated Protein 1 (KEAP1) Substrate. <i>Journal of Biological Chemistry</i> , 2016, 291, 23719-23733.	3.4	68
4	SwiftLib: rapid degenerate-codon-library optimization through dynamic programming. <i>Nucleic Acids Research</i> , 2015, 43, e34-e34.	14.5	53
5	Structure of an anti-PEG antibody reveals an open ring that captures highly flexible PEG polymers. <i>Communications Chemistry</i> , 2020, 3, .	4.5	40
6	Design of Protein Multi-specificity Using an Independent Sequence Search Reduces the Barrier to Low Energy Sequences. <i>PLoS Computational Biology</i> , 2015, 11, e1004300.	3.2	33
7	Boosting protein stability with the computational design of $\beta$ -sheet surfaces. <i>Protein Science</i> , 2016, 25, 702-710.	7.6	18
8	UbSRD: The Ubiquitin Structural Relational Database. <i>Journal of Molecular Biology</i> , 2016, 428, 679-687.	4.2	18
9	Pretargeted delivery of PEG-coated drug carriers to breast tumors using multivalent, bispecific antibody against polyethylene glycol and HER2. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102076.	3.3	15
10	Engineering Polymer-Binding Bispecific Antibodies for Enhanced Pretargeted Delivery of Nanoparticles to Mucus-Covered Epithelium. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5604-5608.	13.8	15
11	Using anchoring motifs for the computational design of protein-protein interactions. <i>Biochemical Society Transactions</i> , 2013, 41, 1141-1145.	3.4	9
12	Engineering tetravalent IgGs with enhanced agglutination potencies for trapping vigorously motile sperm in mucin matrix. <i>Acta Biomaterialia</i> , 2020, 117, 226-234.	8.3	4
13	Efficient and Highly Specific Gene Transfer Using Mutated Lentiviral Vectors Redirected with Bispecific Antibodies. <i>MBio</i> , 2020, 11, .	4.1	4
14	Data in support of UbSRD: The Ubiquitin Structural Relational Database. <i>Data in Brief</i> , 2015, 5, 605-615.	1.0	3
15	Engineering Polymer-Binding Bispecific Antibodies for Enhanced Pretargeted Delivery of Nanoparticles to Mucus-Covered Epithelium. <i>Angewandte Chemie</i> , 2019, 131, 5660-5664.	2.0	3