

# Christian Tiede

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

617  
citations

13  
h-index

24  
g-index

37  
ext. papers

780  
ext. citations

7.6  
avg, IF

3.42  
L-index

#	Paper	IF	Citations
33	Adhiron: a stable and versatile peptide display scaffold for molecular recognition applications. <i>Protein Engineering, Design and Selection</i> , <b>2014</b> , 27, 145-55	1.9	103
32	Affimer proteins are versatile and renewable affinity reagents. <i>ELife</i> , <b>2017</b> , 6,	8.9	103
31	Site-Specific Labeling of Affimers for DNA-PAINT Microscopy. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11060-11063	16.4	55
30	Sensitive and selective Affimer-functionalised interdigitated electrode-based capacitive biosensor for Her4 protein tumour biomarker detection. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 108, 1-8	11.8	45
29	Structure-function studies of an engineered scaffold protein derived from Stefin A. II: Development and applications of the SQT variant. <i>Protein Engineering, Design and Selection</i> , <b>2011</b> , 24, 751-63	1.9	33
28	Generation of specific inhibitors of SUMO-1- and SUMO-2/3-mediated protein-protein interactions using Affimer (Adhiron) technology. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	30
27	Ultraefficient Cap-Exchange Protocol To Compact Biofunctional Quantum Dots for Sensitive Ratiometric Biosensing and Cell Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 15232-15244	9.5	28
26	Exploration of the HIF-1 $\alpha$ /p300 interface using peptide and Adhiron phage display technologies. <i>Molecular BioSystems</i> , <b>2015</b> , 11, 2738-49		27
25	Affimer proteins inhibit immune complex binding to Fc $\gamma$ RIIIa with high specificity through competitive and allosteric modes of action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E72-E81	11.5	27
24	Affimer proteins for F-actin: novel affinity reagents that label F-actin in live and fixed cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 6572	4.9	24
23	Isolation of isoform-specific binding proteins (Affimers) by phage display using negative selection. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	19
22	Antibody Mimetics for the Detection of Small Organic Compounds Using a Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 3051-3058	7.8	17
21	Development of an Affimer-antibody combined immunological diagnosis kit for glypican-3. <i>Scientific Reports</i> , <b>2017</b> , 7, 9608	4.9	17
20	Inhibition of complement C3 and fibrinogen interaction: a potential novel therapeutic target to reduce cardiovascular disease in diabetes. <i>Lancet, The</i> , <b>2015</b> , 385 Suppl 1, S57	4.0	13
19	Affimer-Enzyme-Inhibitor Switch Sensor for Rapid Wash-free Assays of Multimeric Proteins. <i>ACS Sensors</i> , <b>2019</b> , 4, 3014-3022	9.2	11
18	Ortsspezifische Funktionalisierung von Affimern für die DNA-PAINT-Mikroskopie. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11226-11230	3.6	10
17	Affimer proteins as a tool to modulate fibrinolysis, stabilize the blood clot, and reduce bleeding complications. <i>Blood</i> , <b>2019</b> , 133, 1233-1244	2.2	8

16	Affimers as anti-idiotypic affinity reagents for pharmacokinetic analysis of biotherapeutics. <i>BioTechniques</i> , <b>2019</b> , 67, 261-269	2.5	7
15	Trivalent Gd-DOTA reagents for modification of proteins. <i>RSC Advances</i> , <b>2015</b> , 5, 96194-96200	3.7	7
14	Affimer reagents as tools in diagnosing plant virus diseases. <i>Scientific Reports</i> , <b>2019</b> , 9, 7524	4.9	6
13	Affimer-based impedimetric biosensors for fibroblast growth factor receptor 3 (FGFR3): a novel tool for detection and surveillance of recurrent bladder cancer. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 326, 128829	8.5	6
12	Photon induced quantum yield regeneration of cap-exchanged CdSe/CdS quantum rods for ratiometric biosensing and cellular imaging. <i>Nanoscale</i> , <b>2020</b> , 12, 8647-8655	7.7	4
11	Engineering a circularly permuted GFP scaffold for peptide presentation. <i>Journal of Molecular Recognition</i> , <b>2007</b> , 20, 367-78	2.6	4
10	Selective Affimers Recognise the BCL-2 Family Proteins BCL-x and MCL-1 through Noncanonical Structural Motifs*. <i>ChemBioChem</i> , <b>2021</b> , 22, 232-240	3.8	4
9	RAS-inhibiting biologics identify and probe druggable pockets including an SII-B allosteric site. <i>Nature Communications</i> , <b>2021</b> , 12, 4045	17.4	3
8	Piggybacking on the Cholera Toxin: Identification of a CTB-Binding Protein as an Approach for Targeted Delivery of Proteins to Motor Neurons. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 2205-2212	6.3	2
7	Characterization and applications of a Crimean-Congo hemorrhagic fever virus nucleoprotein-specific Affimer: Inhibitory effects in viral replication and development of colorimetric diagnostic tests. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008364	4.8	1
6	Nanoscale pattern extraction from relative positions of sparse 3D localisations		1
5	Fibrinogen interaction with complement C3: a potential therapeutic target to reduce thrombosis risk. <i>Haematologica</i> , <b>2021</b> , 106, 1616-1623	6.6	1
4	Protein-conjugated microbubbles for the selective targeting of biofilms.. <i>Biofilm</i> , <b>2022</b> , 4, 100074	5.9	1
3	Isolation of Artificial Binding Proteins (Affimer Reagents) for Use in Molecular and Cellular Biology. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2247, 105-121	1.4	0
2	Nanoscale Pattern Extraction from Relative Positions of Sparse 3D Localizations. <i>Nano Letters</i> , <b>2021</b> , 21, 1213-1220	11.5	0
1	Affinity purification of fibrinogen using an Affimer column.. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2022</b> , 1866, 130115	4	