Ulrich Schwarz-Linek

List of Publications by Year
in descending order

30 papers	3,014 citations	361413 20 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	3704 citing authors

#	Article	IF	Citations
1	Insights into the Mechanism of the Cyanobactin Heterocyclase Enzyme. Biochemistry, 2019, 58, 2125-2132.	2.5	14
2	Oxidation of the Cyanobactin Precursor Peptide Is Independent of the Leader Peptide and Operates in a Defined Order. Biochemistry, 2018, 57, 5996-6002.	2.5	14
3	A new structural class of bacterial thioester domains reveals a slipknot topology. Protein Science, 2018, 27, 1651-1660.	7.6	13
4	Rift Valley fever phlebovirus NSs protein core domain structure suggests molecular basis for nuclear filaments. ELife, 2017, 6, .	6.0	20
5	An internal thioester in a pathogen surface protein mediates covalent host binding. ELife, 2015, 4, .	6.0	43
6	An Efficient Method for the In Vitro Production of Azol(in)eâ€Based Cyclic Peptides. Angewandte Chemie - International Edition, 2014, 53, 14171-14174.	13.8	53
7	Yet more intramolecular cross-links in Gram-positive surface proteins. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1229-1230.	7.1	6
8	The structure of the cyanobactin domain of unknown function from PatG in the patellamide gene cluster. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1597-1603.	0.8	15
9	The Cyanobactin Heterocyclase Enzyme: A Processive Adenylase That Operates with a Defined Order of Reaction. Angewandte Chemie - International Edition, 2013, 52, 13991-13996.	13.8	93
10	Peptide tag forming a rapid covalent bond to a protein, through engineering a bacterial adhesin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E690-7.	7.1	1,131
11	Cooperative Binding and Activation of Fibronectin by a Bacterial Surface Protein. Journal of Biological Chemistry, 2011, 286, 1884-1894.	3.4	27
12	The Scottish Structural Proteomics Facility: targets, methods and outputs. Journal of Structural and Functional Genomics, 2010, 11, 167-180.	1.2	107
13	NMR Spectroscopic and Theoretical Analysis of a Spontaneously Formed Lysâ€“Asp Isopeptide Bond. Angewandte Chemie - International Edition, 2010, 49, 8421-8425.	13.8	88
14	The helicase XPD unwinds bubble structures and is not stalled by DNA lesions removed by the nucleotide excision repair pathway. Nucleic Acids Research, 2010, 38, 931-941.	14.5	58
15	Implications for Collagen Binding from the Crystallographic Structure of Fibronectin 6FnI1â€“2FnII7FnI. Journal of Biological Chemistry, 2010, 285, 33764-33770.	3.4	30
16	The Streptococcal Binding Site in the Gelatin-binding Domain of Fibronectin Is Consistent with a Non-linear Arrangement of Modules. Journal of Biological Chemistry, 2010, 285, 36977-36983.	3.4	15
17	Crystal structures of fibronectin-binding sites from Staphylococcus aureus FnBPA in complex with fibronectin domains. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12254-12258.	7.1	116
18	CC1, a Novel Crenarchaeal DNA Binding Protein. Journal of Bacteriology, 2007, 189, 403-409.	2.2	36

#	Article	IF	Citations
19	The Tandem Î²-Zipper Model Defines High Affinity Fibronectin-binding Repeats within Staphylococcus aureus FnBPA. Journal of Biological Chemistry, 2007, 282, 25893-25902.	3.4	90
20	The Solution and Crystal Structures of a Module Pair from the Staphylococcus aureus-Binding Site of Human Fibronectinâ€"A Tale with a Twist. Journal of Molecular Biology, 2007, 368, 833-844.	4.2	34
21	Structural insight into binding ofStaphylococcus aureusto human fibronectin. FEBS Letters, 2006, 580, 273-277.	2.8	11
22	Fibronectin-binding proteins of Gram-positive cocci. Microbes and Infection, 2006, 8, 2291-2298.	1.9	104
23	Borrelia burgdorferi Binds Fibronectin through a Tandem Î²-Zipper, a Common Mechanism of Fibronectin Binding in Staphylococci, Streptococci, and Spirochetes. Journal of Biological Chemistry, 2005, 280, 18803-18809.	3.4	64
24	BBK32, a Fibronectin Binding MSCRAMM from Borrelia burgdorferi, Contains a Disordered Region That Undergoes a Conformational Change on Ligand Binding. Journal of Biological Chemistry, 2004, 279, 41706-41714.	3.4	65
25	High Affinity Streptococcal Binding to Human Fibronectin Requires Specific Recognition of Sequential F1 Modules. Journal of Biological Chemistry, 2004, 279, 39017-39025.	3.4	63
26	The molecular basis of fibronectin-mediated bacterial adherence to host cells. Molecular Microbiology, 2004, 52, 631-641.	2.5	240
27	Twinned or not twinned, that is the question: crystallization and preliminary crystallographic analysis of the2F13F1 module pair of human fibronectin. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1341-1345.	2.5	4
28	Pathogenic bacteria attach to human fibronectin through a tandem Î²-zipper. Nature, 2003, 423, 177-181.	27.8	326
29	Binding of a peptide from aStreptococcus dysgalactiaeMSCRAMM to the N-terminal F1 module pair of human fibronectin involves both modules. FEBS Letters, 2001, 497, 137-140.	2.8	10
30	Synthesis of chiral Îµ-lactones in a two-enzyme system of cyclohexanone mono-oxygenase and formate dehydrogenase with integrated bubble-free aeration. Tetrahedron: Asymmetry, 1997, 8, 2523-2526.	1.8	89