

Laurent Terradot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9230670/publications.pdf>

Version: 2024-02-01

54
papers

1,991
citations

201674

27
h-index

254184

43
g-index

58
all docs

58
docs citations

58
times ranked

2424
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Helicobacter pylori</i> Type IV Secretion Apparatus Exploits $\hat{\Gamma}^21$ Integrin in a Novel RGD-Independent Manner. <i>PLoS Pathogens</i> , 2009, 5, e1000684.	4.7	203
2	Structural insights into <i>Helicobacter pylori</i> oncoprotein CagA interaction with $\hat{\Gamma}^21$ integrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14640-14645.	7.1	114
3	Structures of two core subunits of the bacterial type IV secretion system, VirB8 from <i>Brucella suis</i> and ComB10 from <i>Helicobacter pylori</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4596-4601.	7.1	113
4	A Sedimented Sample of a 59 kDa Dodecameric Helicase Yields High-Resolution Solid-State NMR Spectra. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7855-7858.	13.8	112
5	The structure of the <i>Helicobacter pylori</i> ferric uptake regulator Fur reveals three functional metal binding sites. <i>Molecular Microbiology</i> , 2011, 79, 1260-1275.	2.5	109
6	Tetramerization and interdomain flexibility of the replication initiation controller YabA enables simultaneous binding to multiple partners. <i>Nucleic Acids Research</i> , 2016, 44, 449-463.	14.5	96
7	Architecture of the <i>Helicobacter pylori</i> CagA type IV secretion system. <i>FEBS Journal</i> , 2011, 278, 1213-1222.	4.7	83
8	Structural Basis of the Nickel Response in <i>Helicobacter pylori</i> : Crystal Structures of HpNikR in Apo and Nickel-bound States. <i>Journal of Molecular Biology</i> , 2006, 361, 715-730.	4.2	74
9	Structural Basis of 5-Nitroimidazole Antibiotic Resistance. <i>Journal of Biological Chemistry</i> , 2004, 279, 55840-55849.	3.4	71
10	Solid-State NMR and EPR Spectroscopy of Mn ²⁺ -Substituted ATP-Fueled Protein Engines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3369-3373.	13.8	49
11	Integrin but not CEACAM receptors are dispensable for <i>Helicobacter pylori</i> CagA translocation. <i>PLoS Pathogens</i> , 2018, 14, e1007359.	4.7	49
12	The structure of a DnaA/HobA complex from <i>Helicobacter pylori</i> provides insight into regulation of DNA replication in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21115-21120.	7.1	48
13	The conformational changes coupling ATP hydrolysis and translocation in a bacterial DnaB helicase. <i>Nature Communications</i> , 2019, 10, 31.	12.8	45
14	The TIR-domain containing effectors BtpA and BtpB from <i>Brucella abortus</i> impact NAD metabolism. <i>PLoS Pathogens</i> , 2020, 16, e1007979.	4.7	45
15	Biochemical Characterization of Protein Complexes from the <i>Helicobacter pylori</i> Protein Interaction Map. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 809-819.	3.8	44
16	Structural similarity between the DnaA-binding proteins HobA (HP1230) from <i>Helicobacter pylori</i> and DiaA from <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2007, 65, 995-1005.	2.5	42
17	Architecture of a Dodecameric Bacterial Replicative Helicase. <i>Structure</i> , 2012, 20, 554-564.	3.3	42
18	Structure and primase-mediated activation of a bacterial dodecameric replicative helicase. <i>Nucleic Acids Research</i> , 2015, 43, 8564-8576.	14.5	42

#	ARTICLE	IF	CITATIONS
19	Francisella tularensis IglG Belongs to a Novel Family of PAAR-Like T6SS Proteins and Harbors a Unique N-terminal Extension Required for Virulence. PLoS Pathogens, 2016, 12, e1005821.	4.7	41
20	The Brucella TIR domain containing proteins BtpA and BtpB have a structural WxxxE motif important for protection against microtubule depolymerisation. Cell Communication and Signaling, 2014, 12, 53.	6.5	36
21	Syndecans as Cell Surface Receptors in Cancer Biology. A Focus on their Interaction with PDZ Domain Proteins. Frontiers in Pharmacology, 2016, 7, 10.	3.5	35
22	Identification, structure and mode of action of a new regulator of the Helicobacter pylori HP0525 ATPase. EMBO Journal, 2007, 26, 4926-4934.	7.8	34
23	DiaA/HobA and DnaA: A Pair of Proteins Co-evolved to Cooperate During Bacterial Oriosome Assembly. Journal of Molecular Biology, 2011, 408, 238-251.	4.2	34
24	Expression of <i>Helicobacter pylori</i> CagA domains by library-based construct screening. FEBS Journal, 2009, 276, 816-824.	4.7	33
25	Structure of the Toll/interleukin 1 receptor (TIR) domain of the immunosuppressive <i>Brucella</i> effector BtpA/Btp1/TcpB. FEBS Letters, 2013, 587, 3412-3416.	2.8	33
26	A <i>Pseudomonas aeruginosa</i> TIR effector mediates immune evasion by targeting UBAP1 and TLR adaptors. EMBO Journal, 2017, 36, 1869-1887.	7.8	31
27	Structural and enzymatic characterization of HP0496, a YbgC thioesterase from <i>Helicobacter pylori</i> . Proteins: Structure, Function and Bioinformatics, 2008, 72, 1212-1221.	2.6	30
28	Molecular dissection of protein-protein interactions between integrin $\alpha 5 \beta 1$ and the <i>Helicobacter pylori</i> Cag type IV secretion system. FEBS Journal, 2017, 284, 4143-4157.	4.7	29
29	Filamentation of the bacterial bi-functional alcohol/aldehyde dehydrogenase AdhE is essential for substrate channeling and enzymatic regulation. Nature Communications, 2020, 11, 1426.	12.8	28
30	Monitoring ssDNA Binding to the DnaB Helicase from <i>Helicobacter pylori</i> by Solid-State NMR Spectroscopy. Angewandte Chemie - International Edition, 2016, 55, 14164-14168.	13.8	22
31	Nucleotide Binding Modes in a Motor Protein Revealed by ³¹ P- and ¹ H-Detected MAS Solid-State NMR Spectroscopy. ChemBioChem, 2020, 21, 324-330.	2.6	20
32	Structures of the tumor necrosis factor α inducing protein Tip α : A novel virulence factor from <i>Helicobacter pylori</i> . FEBS Letters, 2009, 583, 1581-1585.	2.8	19
33	Solid-state NMR sequential assignments of the N-terminal domain of HpDnaB helicase. Biomolecular NMR Assignments, 2016, 10, 13-23.	0.8	16
34	A secreted metal-binding protein protects necrotrophic phytopathogens from reactive oxygen species. Nature Communications, 2019, 10, 4853.	12.8	16
35	Variability and conservation of structural domains in divide-and-conquer approaches. Journal of Biomolecular NMR, 2016, 65, 79-86.	2.8	15
36	Solid-state NMR chemical-shift perturbations indicate domain reorientation of the DnaG primase in the primosome of Helicobacter pylori. Journal of Biomolecular NMR, 2016, 64, 189-195.	2.8	15

#	ARTICLE	IF	CITATIONS
37	Structural and Molecular Biology of Type IV Secretion Systems. Current Topics in Microbiology and Immunology, 2017, 413, 31-60.	1.1	13
38	Structural Insights into Helicobacter pylori Cag Protein Interactions with Host Cell Factors. Current Topics in Microbiology and Immunology, 2017, 400, 129-147.	1.1	13
39	In HspA from <i>Helicobacter pylori</i> vicinal disulfide bridges are a key determinant of domain B structure. FEBS Letters, 2008, 582, 3537-3541.	2.8	12
40	Structural and functional insight into serine hydroxymethyltransferase from Helicobacter pylori. PLoS ONE, 2018, 13, e0208850.	2.5	9
41	Paramagnetic Solid-State NMR to Localize the Metal Ion Cofactor in an Oligomeric DnaB Helicase. Chemistry - A European Journal, 2021, 27, 7745-7755.	3.3	8
42	Performance of a Multiplex Serological Helicobacter pylori Assay on a Novel Microfluidic Assay Platform. Proteomes, 2017, 5, 24.	3.5	7
43	Structural insight into <i>Helicobacter pylori</i> DNA replication initiation. Gut Microbes, 2010, 1, 330-334.	9.8	6
44	Bacterial protein interaction networks: puzzle stones from solved complex structures add to a clearer picture. Integrative Biology (United Kingdom), 2011, 3, 645-652.	1.3	6
45	Crystal structure of HPO721, a novel secreted protein from <i>Helicobacter pylori</i> . Proteins: Structure, Function and Bioinformatics, 2011, 79, 1678-1681.	2.6	6
46	Festkörperlaser-NMR- und EPR-Spektroskopie an Mn ²⁺ -substituierten ATP-getriebenen Proteinmaschinen. Angewandte Chemie, 2017, 129, 3418-3422.	2.0	5
47	Beobachtung von ssDNA-Bindung an die DnaB-Helikase von <i>Helicobacter pylori</i> mittels Festkörperlaser-NMR-Spektroskopie. Angewandte Chemie, 2016, 128, 14370-14375.	2.0	4
48	Biochemical characterization of the Helicobacter pylori Cag Type 4 Secretion System protein CagN and its interaction partner CagM. International Journal of Medical Microbiology, 2018, 308, 425-437.	3.6	4
49	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0
50	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0
51	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0
52	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0
53	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0
54	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. , 2020, 16, e1007979.		0