

Tillmann Pape

List of Publications by Year in descending order

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citations

304743

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28
all docs

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docs citations

28
times ranked

2901
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the mini-RNA-guided endonuclease CRISPR-Cas12j3. <i>Nature Communications</i> , 2021, 12, 4476.	12.8	23
2	Structures of the Cmr-Î² Complex Reveal the Regulation of the Immunity Mechanism of Type III-B CRISPR-Cas. <i>Molecular Cell</i> , 2020, 79, 741-757.e7.	9.7	43
3	Structural basis of synaptic vesicle assembly promoted by Î±-synuclein. <i>Nature Communications</i> , 2016, 7, 12563.	12.8	203
4	Proteomic characterization and three-dimensional electron microscopy study of PSII-LHCII supercomplexes from higher plants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1454-1462.	1.0	31
5	Structure and mechanism of action of the BRCA2 breast cancer tumor suppressor. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 962-968.	8.2	95
6	The HsiB1C1 (TssB-TssC) Complex of the <i>Pseudomonas aeruginosa</i> Type VI Secretion System Forms a Bacteriophage Tail Sheathlike Structure. <i>Journal of Biological Chemistry</i> , 2013, 288, 7536-7548.	3.4	77
7	Characterization of PSII-LHCII supercomplexes isolated from pea thylakoid membrane by one-step treatment with Î±- and Î²-dodecyl- α -maltoside. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3389-3399.	4.0	35
8	Structural insights into the biogenesis and biofilm formation by the <i>Escherichia coli</i> common pilus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3950-3955.	7.1	55
9	Atomic Resolution Insights into Curli Fiber Biogenesis. <i>Structure</i> , 2011, 19, 1307-1316.	3.3	82
10	Modus operandi of the bacterial RNA polymerase containing the Î² ⁵⁴ promoter-specificity factor. <i>Molecular Microbiology</i> , 2008, 68, 538-546.	2.5	118
11	Organization of an Activator-Bound RNA Polymerase Holoenzyme. <i>Molecular Cell</i> , 2008, 32, 337-346.	9.7	66
12	Dissecting the ATP hydrolysis pathway of bacterial enhancer-binding proteins. <i>Biochemical Society Transactions</i> , 2008, 36, 83-88.	3.4	25
13	Structural studies of the archaeal MCM complex in different functional states. <i>Journal of Structural Biology</i> , 2006, 156, 210-219.	2.8	46
14	Structural basis of the <i>Methanothermobacter thermautotrophicus</i> MCM helicase activity. <i>Nucleic Acids Research</i> , 2006, 34, 5829-5838.	14.5	57
15	Structure of the <i>Escherichia coli</i> ribosomal termination complex with release factor 2. <i>Nature</i> , 2003, 421, 90-94.	27.8	191
16	Hexameric ring structure of the full-length archaeal MCM protein complex. <i>EMBO Reports</i> , 2003, 4, 1079-1083.	4.5	112
17	Hexameric ring structure of the full-length archaeal MCM protein complex. <i>EMBO Reports</i> , 2003, 4, 1079-1083.	4.5	61
18	Ribosome structure and function by single-particle cryo-EM. <i>Biochemical Society Transactions</i> , 2002, 30, A17-A17.	3.4	0

#	ARTICLE	IF	CITATIONS
19	Direct localization by cryo-electron microscopy of secondary structural elements in Escherichia coli 23 S rRNA which differ from the corresponding regions in Haloarcula marismortui11Edited by D. E. Draper. Journal of Molecular Biology, 2001, 307, 1341-1349.	4.2	13
20	Single-particle electron cryo-microscopy: towards atomic resolution. Quarterly Reviews of Biophysics, 2000, 33, 307-369.	5.7	535
21	Conformational switch in the decoding region of 16S rRNA during aminoacyl-tRNA selection on the ribosome. Nature Structural Biology, 2000, 7, 104-107.	9.7	177
22	Intact Aminoacyl-tRNA Is Required To Trigger GTP Hydrolysis by Elongation Factor Tu on the Ribosome. Biochemistry, 2000, 39, 1734-1738.	2.5	71
23	The Escherichia coli large ribosomal subunit at 7.5 Å... resolution. Structure, 1999, 7, 1575-1583.	3.3	127
24	Initial Binding of the Elongation Factor Tu-GTP-Aminoacyl-tRNA Complex Preceding Codon Recognition on the Ribosome. Journal of Biological Chemistry, 1996, 271, 646-652.	3.4	142
25	Elongation factor Tu, a GTPase triggered by codon recognition on the ribosome: mechanism and GTP consumption. Biochemistry and Cell Biology, 1995, 73, 1221-1227.	2.0	36
26	Visualization of the Translational Elongation Cycle by Cryo-Electron Microscopy. , 0, , 35-44.		1
27	Mechanisms of Partial Reactions of the Elongation Cycle Catalyzed by Elongation Factors Tu and G. , 0, , 299-317.		5