

Jochen Bañler

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

3,906
citations

236612

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433756

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docs citations

32
times ranked

3468
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining APR-246 and HDAC-Inhibitors: A Novel Targeted Treatment Option for Neuroblastoma. <i>Cancers</i> , 2021, 13, 4476.	1.7	8
2	Mutational Analysis of the Nsa2 N-Terminus Reveals Its Essential Role in Ribosomal 60S Subunit Assembly. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9108.	1.8	5
3	Thermophile 90S Pre-ribosome Structures Reveal the Reverse Order of Co-transcriptional 18S rRNA Subdomain Integration. <i>Molecular Cell</i> , 2019, 75, 1256-1269.e7.	4.5	48
4	Nucleoporin Nup155 is part of the p53 network in liver cancer. <i>Nature Communications</i> , 2019, 10, 2147.	5.8	29
5	Eukaryotic Ribosome Assembly. <i>Annual Review of Biochemistry</i> , 2019, 88, 281-306.	5.0	270
6	Assembly Kinetics of Vimentin Tetramers to Unit-Length Filaments: A Stopped-Flow Study. <i>Biophysical Journal</i> , 2018, 114, 2408-2418.	0.2	29
7	A Puzzle of Life: Crafting Ribosomal Subunits. <i>Trends in Biochemical Sciences</i> , 2017, 42, 640-654.	3.7	159
8	Interaction network of the ribosome assembly machinery from a eukaryotic thermophile. <i>Protein Science</i> , 2017, 26, 327-342.	3.1	30
9	Interdependent action of KH domain proteins Krr1 and Dim2 drive the 40S platform assembly. <i>Nature Communications</i> , 2017, 8, 2213.	5.8	38
10	Architecture of the Rix1â€“Rea1 checkpoint machinery during pre-60S-ribosome remodeling. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 37-44.	3.6	104
11	Structural basis for assembly and function of the Nup82 complex in the nuclear pore scaffold. <i>Journal of Cell Biology</i> , 2015, 208, 283-297.	2.3	64
12	The Exosome Is Recruited to RNA Substrates through Specific Adaptor Proteins. <i>Cell</i> , 2015, 162, 1029-1038.	13.5	170
13	An integrated approach for genome annotation of the eukaryotic thermophile <i>Chaetomium thermophilum</i> . <i>Nucleic Acids Research</i> , 2014, 42, 13525-13533.	6.5	55
14	A network of assembly factors is involved in remodeling rRNA elements during preribosome maturation. <i>Journal of Cell Biology</i> , 2014, 207, 481-498.	2.3	44
15	Rrp5p, Noc1p and Noc2p form a protein module which is part of early large ribosomal subunit precursors in <i>S. cerevisiae</i> . <i>Nucleic Acids Research</i> , 2013, 41, 1191-1210.	6.5	61
16	The Conserved Bud20 Zinc Finger Protein Is a New Component of the Ribosomal 60S Subunit Export Machinery. <i>Molecular and Cellular Biology</i> , 2012, 32, 4898-4912.	1.1	42
17	The power of AAA-ATPases on the road of pre-60S ribosome maturation â€” Molecular machines that strip pre-ribosomal particles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 92-100.	1.9	79
18	Driving ribosome assembly. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 673-683.	1.9	411

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19	The AAA-ATPase Rea1 Drives Removal of Biogenesis Factors during Multiple Stages of 60S Ribosome Assembly. <i>Molecular Cell</i> , 2010, 38, 712-721.	4.5	114
20	Mechanochemical Removal of Ribosome Biogenesis Factors from Nascent 60S Ribosomal Subunits. <i>Cell</i> , 2009, 138, 911-922.	13.5	141
21	Membrane curvature induced by Arf1-GTP is essential for vesicle formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11731-11736.	3.3	146
22	Nuclear Export of Ribosomal 60S Subunits by the General mRNA Export Receptor Mex67-Mtr2. <i>Molecular Cell</i> , 2007, 26, 51-62.	4.5	142
23	Arx1 Functions as an Unorthodox Nuclear Export Receptor for the 60S Preribosomal Subunit. <i>Molecular Cell</i> , 2007, 27, 767-779.	4.5	104
24	The NUG1 GTPase Reveals an N-terminal RNA-binding Domain That Is Essential for Association with 60 S Pre-ribosomal Particles. <i>Journal of Biological Chemistry</i> , 2006, 281, 24737-24744.	1.6	52
25	Biogenesis of cytosolic ribosomes requires the essential iron-sulphur protein Rli1p and mitochondria. <i>EMBO Journal</i> , 2005, 24, 589-598.	3.5	226
26	A Noc Complex Specifically Involved in the Formation and Nuclear Export of Ribosomal 40 S Subunits. <i>Journal of Biological Chemistry</i> , 2003, 278, 4072-4081.	1.6	110
27	90S Pre-Ribosomes Include the 35S Pre-rRNA, the U3 snoRNP, and 40S Subunit Processing Factors but Predominantly Lack 60S Synthesis Factors. <i>Molecular Cell</i> , 2002, 10, 105-115.	4.5	427
28	60S pre-ribosome formation viewed from assembly in the nucleolus until export to the cytoplasm. <i>EMBO Journal</i> , 2002, 21, 5539-5547.	3.5	307
29	Identification of a 60S Preribosomal Particle that Is Closely Linked to Nuclear Export. <i>Molecular Cell</i> , 2001, 8, 517-529.	4.5	289
30	Binding of the Mex67p/Mtr2p Heterodimer to Fxfg, Gfg, and Fg Repeat Nucleoporins Is Essential for Nuclear mRNA Export. <i>Journal of Cell Biology</i> , 2000, 150, 695-706.	2.3	200