Sebastian Falk

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1364313/publications.pdf

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23	1,051	567281 15	677142 22
papers	citations	h-index	g-index

27	27	27	1257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The exosomeâ€binding factors Rrp6 and Rrp47 form a composite surface for recruiting the Mtr4 helicase. EMBO Journal, 2014, 33, 2829-2846.	7.8	102
2	Molecular Basis for the Unique Role of the AAA+ Chaperone ClpV in Type VI Protein Secretion. Journal of Biological Chemistry, 2011, 286, 30010-30021.	3.4	95
3	The conformational plasticity of eukaryotic <scp>RNA</scp>â€dependent <scp>ATP</scp>ases. FEBS Journal, 2015, 282, 850-863.	4.7	94
4	Structure of the nuclear exosome captured on a maturing preribosome. Science, 2018, 360, 219-222.	12.6	92
5	The C Terminus of the Alb3 Membrane Insertase Recruits cpSRP43 to the Thylakoid Membrane. Journal of Biological Chemistry, 2010, 285, 5954-5962.	3.4	80
6	The Molecular Architecture of the TRAMP Complex Reveals the Organization and Interplay of Its Two Catalytic Activities. Molecular Cell, 2014, 55, 856-867.	9.7	69
7	Reconstitution of the complete pathway of ITS2 processing at the pre-ribosome. Nature Communications, 2017, 8, 1787.	12.8	66
8	Consistent mutational paths predict eukaryotic thermostability. BMC Evolutionary Biology, 2013, 13, 7.	3.2	60
9	The RNA helicase FRH is an ATP-dependent regulator of CK1a in the circadian clock of Neurospora crassa. Nature Communications, 2014, 5, 3598.	12.8	53
10	cpSRP43 Is a Novel Chaperone Specific for Light-harvesting Chlorophyll a,b-binding Proteins. Journal of Biological Chemistry, 2010, 285, 21655-21661.	3.4	51
11	Mpp6 Incorporation in the Nuclear Exosome Contributes to RNA Channeling through the Mtr4 Helicase. Cell Reports, 2017, 20, 2279-2286.	6.4	49
12	Distinct and evolutionary conserved structural features of the human nuclear exosome complex. ELife, 2018, 7, .	6.0	47
13	Structural insights into the interaction of the nuclear exosome helicase Mtr4 with the preribosomal protein Nop53. Rna, 2017, 23, 1780-1787.	3.5	42
14	The MTR4 helicase recruits nuclear adaptors of the human RNA exosome using distinct arch-interacting motifs. Nature Communications, 2019, 10, 3393.	12.8	41
15	Structure of the RBM7â€“ZCCHC8 core of the NEXT complex reveals connections to splicing factors. Nature Communications, 2016, 7, 13573.	12.8	38
16	To Process or to Decay: A Mechanistic View of the Nuclear RNA Exosome. Cold Spring Harbor Symposia on Quantitative Biology, 2019, 84, 155-163.	1.1	16
17	Structural basis of PETISCO complex assembly during piRNA biogenesis in C. elegans. Genes and Development, 2021, 35, 1304-1323.	5.9	14
18	A modified TurboID approach identifies tissue-specific centriolar components in C. elegans. PLoS Genetics, 2022, 18, e1010150.	3.5	13

#	Article	IF	Citations
19	The C Terminus of Alb3 Interacts with the Chromodomains 2 and 3 of cpSRP43. Journal of Biological Chemistry, 2010, 285, le25-le26.	3.4	12
20	A ribonuclease III involved in virulence of Mucorales fungi has evolved to cut exclusively single-stranded RNA. Nucleic Acids Research, 2021, 49, 5294-5307.	14.5	6
21	Release of CHK-2 from PPM-1.D anchorage schedules meiotic entry. Science Advances, 2022, 8, eabl8861.	10.3	5
22	Purification and Reconstitution of the S. cerevisiae TRAMP and Ski Complexes for Biochemical and Structural Studies. Methods in Molecular Biology, 2020, 2062, 491-513.	0.9	1
23	Das RNA-Exosom â€“ eine molekulare Maschine fÃ¼r den RNA-Abbau. BioSpektrum, 2018, 24, 134-137.	0.0	0