

Anton Khmelinskii

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,037
citations

331259

21
h-index

476904

29
g-index

36
all docs

36
docs citations

36
times ranked

3071
citing authors

#	ARTICLE	IF	CITATIONS
1	Directional tissue migration through a self-generated chemokine gradient. <i>Nature</i> , 2013, 503, 285-289.	13.7	320
2	Tandem fluorescent protein timers for in vivo analysis of protein dynamics. <i>Nature Biotechnology</i> , 2012, 30, 708-714.	9.4	239
3	Protein quality control at the inner nuclear membrane. <i>Nature</i> , 2014, 516, 410-413.	13.7	188
4	One library to make them all: streamlining the creation of yeast libraries via a SWAp-Tag strategy. <i>Nature Methods</i> , 2016, 13, 371-378.	9.0	171
5	Cdc14-regulated midzone assembly controls anaphase B. <i>Journal of Cell Biology</i> , 2007, 177, 981-993.	2.3	143
6	Phosphorylation-Dependent Protein Interactions at the Spindle Midzone Mediate Cell Cycle Regulation of Spindle Elongation. <i>Developmental Cell</i> , 2009, 17, 244-256.	3.1	121
7	Mapping Degradation Signals and Pathways in a Eukaryotic N-terminome. <i>Molecular Cell</i> , 2018, 70, 488-501.e5.	4.5	80
8	Exploring whole-genome duplicate gene retention with complex genetic interaction analysis. <i>Science</i> , 2020, 368, .	6.0	79
9	Incomplete proteasomal degradation of green fluorescent proteins in the context of tandem fluorescent protein timers. <i>Molecular Biology of the Cell</i> , 2016, 27, 360-370.	0.9	72
10	Cooperation of mitochondrial and ER factors in quality control of tail-anchored proteins. <i>ELife</i> , 2019, 8, .	2.8	68
11	Genome-wide C-SWAT library for high-throughput yeast genome tagging. <i>Nature Methods</i> , 2018, 15, 598-600.	9.0	57
12	Seamless Gene Tagging by Endonuclease-Driven Homologous Recombination. <i>PLoS ONE</i> , 2011, 6, e23794.	1.1	56
13	Protein Abundance Control by Non-coding Antisense Transcription. <i>Cell Reports</i> , 2016, 15, 2625-2636.	2.9	51
14	A Memory System of Negative Polarity Cues Prevents Replicative Aging. <i>Cell</i> , 2014, 159, 1056-1069.	13.5	50
15	Segregation of yeast nuclear pores. <i>Nature</i> , 2010, 466, E1-E1.	13.7	45
16	Determinants of the cytosolic turnover of mitochondrial intermembrane space proteins. <i>BMC Biology</i> , 2018, 16, 66.	1.7	45
17	Timer-based proteomic profiling of the ubiquitin-proteasome system reveals a substrate receptor of the GID ubiquitin ligase. <i>Molecular Cell</i> , 2021, 81, 2460-2476.e11.	4.5	39
18	Assembling the spindle midzone in the right place at the right time. <i>Cell Cycle</i> , 2008, 7, 283-286.	1.3	38

#	ARTICLE	IF	CITATIONS
19	Artificial tethering to nuclear pores promotes partitioning of extrachromosomal DNA during yeast asymmetric cell division. <i>Current Biology</i> , 2011, 21, R17-R18.	1.8	38
20	Analysis of Protein Dynamics with Tandem Fluorescent Protein Timers. <i>Methods in Molecular Biology</i> , 2014, 1174, 195-210.	0.4	36
21	Cell cycle control of spindle elongation. <i>Cell Cycle</i> , 2010, 9, 1084-1090.	1.3	32
22	Temporal and compartment-specific signals coordinate mitotic exit with spindle position. <i>Nature Communications</i> , 2017, 8, 14129.	5.8	15
23	Ubc13-Mms2 cooperates with a family of RING E3s in membrane protein sorting. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	11
24	Quality control of mislocalized and orphan proteins. <i>Experimental Cell Research</i> , 2021, 403, 112617.	1.2	11
25	Up-regulation of ubiquitinâ€“proteasome activity upon loss of NatA-dependent N-terminal acetylation. <i>Life Science Alliance</i> , 2022, 5, e202000730.	1.3	11
26	Analytical model for macromolecular partitioning during yeast cell division. <i>BMC Biophysics</i> , 2014, 7, 10.	4.4	10
27	Upregulation of SPS100 gene expression by an antisense RNA via a switch of mRNA isoforms with different stabilities. <i>Nucleic Acids Research</i> , 2017, 45, 11144-11158.	6.5	5
28	High-Throughput Analysis of Protein Turnover with Tandem Fluorescent Protein Timers. <i>Methods in Molecular Biology</i> , 2022, 2378, 85-100.	0.4	3
29	Chromosome Segregation: Monopolin Goes Spindle. <i>Current Biology</i> , 2009, 19, R482-R484.	1.8	1
30	(Photo)convert to pooled visual screening. <i>Molecular Systems Biology</i> , 2020, 16, e9640.	3.2	0