

John R Weir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5699892/publications.pdf>

Version: 2024-02-01

16
papers

2,977
citations

687220

13
h-index

940416

16
g-index

23
all docs

23
docs citations

23
times ranked

2831
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the 70S Ribosome Complexed with mRNA and tRNA. <i>Science</i> , 2006, 313, 1935-1942.	6.0	1,186
2	The Crystal Structure of the Ribosome Bound to EF-Tu and Aminoacyl-tRNA. <i>Science</i> , 2009, 326, 688-694.	6.0	481
3	Bub3 reads phosphorylated MELT repeats to promote spindle assembly checkpoint signaling. <i>ELife</i> , 2013, 2, e01030.	2.8	203
4	GTPase activation of elongation factor EF-Tu by the ribosome during decoding. <i>EMBO Journal</i> , 2009, 28, 755-765.	3.5	175
5	Insights from biochemical reconstitution into the architecture of human kinetochores. <i>Nature</i> , 2016, 537, 249-253.	13.7	148
6	CENP-C is a blueprint for constitutive centromere-associated network assembly within human kinetochores. <i>Journal of Cell Biology</i> , 2015, 210, 11-22.	2.3	141
7	Structural analysis reveals the characteristic features of Mtr4, a DExH helicase involved in nuclear RNA processing and surveillance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12139-12144.	3.3	129
8	The pseudo GTPase CENP-M drives human kinetochore assembly. <i>ELife</i> , 2014, 3, e02978.	2.8	107
9	Progress in the structural and functional characterization of kinetochores. <i>Current Opinion in Structural Biology</i> , 2016, 37, 152-163.	2.6	101
10	Decoding the centromeric nucleosome through CENP-N. <i>ELife</i> , 2017, 6, .	2.8	101
11	The Molecular Architecture of the TRAMP Complex Reveals the Organization and Interplay of Its Two Catalytic Activities. <i>Molecular Cell</i> , 2014, 55, 856-867.	4.5	69
12	Reconstitution of a 26-Subunit Human Kinetochore Reveals Cooperative Microtubule Binding by CENP-OPQUR and NDC80. <i>Molecular Cell</i> , 2018, 71, 923-939.e10.	4.5	68
13	Role of Intrinsic and Extrinsic Factors in the Regulation of the Mitotic Checkpoint Kinase Bub1. <i>PLoS ONE</i> , 2015, 10, e0144673.	1.1	21
14	Novel mechanistic insights into the role of Mer2 as the keystone of meiotic DNA break formation. <i>ELife</i> , 2021, 10, .	2.8	19
15	<sc>InteBac</sc>: An integrated bacterial and baculovirus expression vector suite. <i>Protein Science</i> , 2021, 30, 108-114.	3.1	12
16	Biochemical and functional characterization of a meiosis-specific Pch2/ORC AAA+ assembly. <i>Life Science Alliance</i> , 2020, 3, e201900630.	1.3	8