

Dan Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12117372/publications.pdf>

Version: 2024-02-01

15
papers

1,383
citations

687363

13
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1972
citing authors

#	ARTICLE	IF	CITATIONS
1	CasX enzymes comprise a distinct family of RNA-guided genome editors. <i>Nature</i> , 2019, 566, 218-223.	27.8	346
2	Diverse roles of assembly factors revealed by structures of late nuclear pre-60S ribosomes. <i>Nature</i> , 2016, 534, 133-137.	27.8	193
3	Accurate annotation of human protein-coding small open reading frames. <i>Nature Chemical Biology</i> , 2020, 16, 458-468.	8.0	136
4	Molecular architecture of the 90S small subunit pre-ribosome. <i>ELife</i> , 2017, 6, .	6.0	121
5	Regulation of the ER stress response by a mitochondrial microprotein. <i>Nature Communications</i> , 2019, 10, 4883.	12.8	115
6	Trifunctional cross-linker for mapping protein-protein interaction networks and comparing protein conformational states. <i>ELife</i> , 2016, 5, .	6.0	105
7	MIEF1 Microprotein Regulates Mitochondrial Translation. <i>Biochemistry</i> , 2018, 57, 5564-5575.	2.5	70
8	Cryo-EM structure of an early precursor of large ribosomal subunit reveals a half-assembled intermediate. <i>Protein and Cell</i> , 2019, 10, 120-130.	11.0	63
9	Discovery of FAHFA-Containing Triacylglycerols and Their Metabolic Regulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 8798-8806.	13.7	57
10	ATGL is a biosynthetic enzyme for fatty acid esters of hydroxy fatty acids. <i>Nature</i> , 2022, 606, 968-975.	27.8	57
11	Carboxylate-Selective Chemical Cross-Linkers for Mass Spectrometric Analysis of Protein Structures. <i>Analytical Chemistry</i> , 2018, 90, 1195-1201.	6.5	42
12	AIG1 and ADTRP are endogenous hydrolases of fatty acid esters of hydroxy fatty acids (FAHFAs) in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 5891-5905.	3.4	26
13	Characterization of protein unfolding by fast cross-linking mass spectrometry using di-ortho-phthalaldehyde cross-linkers. <i>Nature Communications</i> , 2022, 13, 1468.	12.8	20
14	Atomic modeling of the ITS2 ribosome assembly subcomplex from cryo-EM together with mass spectrometry-identified protein-protein crosslinks. <i>Protein Science</i> , 2017, 26, 103-112.	7.6	18
15	Structural dynamics of the yeast Shwachman-Diamond syndrome protein (Sdo1) on the ribosome and its implication in the 60S subunit maturation. <i>Protein and Cell</i> , 2016, 7, 187-200.	11.0	8