

Anthony M Pedley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7676468/publications.pdf>

Version: 2024-02-01

16
papers

1,029
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	The Purinosome: A Case Study for a Mammalian Metabolon. <i>Annual Review of Biochemistry</i> , 2022, 91, 89-106.	11.1	20
2	Purine biosynthetic enzymes assemble into liquid-like condensates dependent on the activity of chaperone protein HSP90. <i>Journal of Biological Chemistry</i> , 2022, 298, 101845.	3.4	16
3	Human de novo purine biosynthesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2021, 56, 1-16.	5.2	71
4	Hypoxia drives the assembly of the multienzyme purinosome complex. <i>Journal of Biological Chemistry</i> , 2020, 295, 9551-9566.	3.4	30
5	Replication protein A dynamically regulates monoubiquitination of proliferating cell nuclear antigen. <i>Journal of Biological Chemistry</i> , 2019, 294, 5157-5168.	3.4	22
6	Mapping Post-Translational Modifications of de Novo Purine Biosynthetic Enzymes: Implications for Pathway Regulation. <i>Journal of Proteome Research</i> , 2019, 18, 2078-2087.	3.7	14
7	Detecting Purinosome Metabolon Formation with Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1764, 279-289.	0.9	6
8	Role of HSP90 in the Regulation of <i>de Novo</i> Purine Biosynthesis. <i>Biochemistry</i> , 2018, 57, 3217-3221.	2.5	16
9	Microtubule-directed transport of purine metabolons drives their cytosolic transit to mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13009-13014.	7.1	48
10	A New View into the Regulation of Purine Metabolism: The Purinosome. <i>Trends in Biochemical Sciences</i> , 2017, 42, 141-154.	7.5	386
11	Selective Inhibition of STAT3 Phosphorylation Using a Nuclear-Targeted Kinase Inhibitor. <i>ACS Chemical Biology</i> , 2017, 12, 2371-2378.	3.4	12
12	Spatial colocalization and functional link of purinosomes with mitochondria. <i>Science</i> , 2016, 351, 733-737.	12.6	174
13	Quantitative Analysis of Purine Nucleotides Indicates That Purinosomes Increase de Novo Purine Biosynthesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 6705-6713.	3.4	101
14	Purinosome formation as a function of the cell cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1368-1373.	7.1	84
15	Conformational changes involving ammonia tunnel formation and allosteric control in GMP synthetase. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 22-32.	3.0	12
16	Flexibility of PCNA-Protein Interface Accommodates Differential Binding Partners. <i>PLoS ONE</i> , 2014, 9, e102481.	2.5	17