

Sarah Franklin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3812085/publications.pdf>

Version: 2024-02-01

18
papers

646
citations

623734

14
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1177
citing authors

#	ARTICLE	IF	CITATIONS
1	The Smyd family of methyltransferases: role in cardiac and skeletal muscle physiology and pathology. <i>Current Opinion in Physiology</i> , 2018, 1, 140-152.	1.8	73
2	Histone methyltransferase Smyd1 regulates mitochondrial energetics in the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7871-E7880.	7.1	70
3	Mitochondrial Ca ²⁺ uptake by the voltage-dependent anion channel 2 regulates cardiac rhythmicity. <i>ELife</i> , 2015, 4, .	6.0	67
4	Quantitative Analysis of the Chromatin Proteome in Disease Reveals Remodeling Principles and Identifies High Mobility Group Protein B2 as a Regulator of Hypertrophic Growth. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.014258.	3.8	53
5	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1234-H1247.	3.2	51
6	Structures of the G β -CCT and PhLP1-G β -CCT complexes reveal a mechanism for G-protein β -subunit folding and G β γ dimer assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2413-2418.	7.1	49
7	Structural and functional analysis of the role of the chaperonin CCT in mTOR complex assembly. <i>Nature Communications</i> , 2019, 10, 2865.	12.8	47
8	Specialized compartments of cardiac nuclei exhibit distinct proteomic anatomy. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.000703.	3.8	40
9	Metabolic Remodeling in Moderate Synchronous versus Dyssynchronous Pacing-Induced Heart Failure: Integrated Metabolomics and Proteomics Study. <i>PLoS ONE</i> , 2015, 10, e0118974.	2.5	39
10	GFI1 functions in transcriptional control and cell fate determination require SNAG domain methylation to recruit LSD1. <i>Biochemical Journal</i> , 2016, 473, 3355-3369.	3.7	33
11	TBX3 Regulates Splicing In Vivo: A Novel Molecular Mechanism for Ulnar-Mammary Syndrome. <i>PLoS Genetics</i> , 2014, 10, e1004247.	3.5	31
12	Reductive Stress Causes Pathological Cardiac Remodeling and Diastolic Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1293-1312.	5.4	27
13	Genomes, Proteomes, and the Central Dogma. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 576-576.	5.1	24
14	The role of demethylases in cardiac development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 89-100.	1.9	20
15	Transcriptional regulation by methyltransferases and their role in the heart: highlighting novel emerging functionality. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H847-H865.	3.2	11
16	Molecular architecture of the Bardet-Biedl syndrome protein 2-7-9 subcomplex. <i>Journal of Biological Chemistry</i> , 2019, 294, 16385-16399.	3.4	9
17	Cardiac Linker Histones Are Differentially Regulated Following Hypertrophic Stimuli. <i>FASEB Journal</i> , 2012, 26, 1127.9.	0.5	0
18	The path to neurosurgery: identifying obstacles to pursuing a medical career unique to rural high school students when compared with urban and suburban students. <i>Journal of Neurosurgery</i> , 2022, , 1-6.	1.6	0