

Sandra E Wiley

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,771
citations

394421

19
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713466

21
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docs citations

24
times ranked

4799
citing authors

#	ARTICLE	IF	CITATIONS
1	Secreted Kinase Phosphorylates Extracellular Proteins That Regulate Biomineralization. <i>Science</i> , 2012, 336, 1150-1153.	12.6	408
2	A Single Kinase Generates the Majority of the Secreted Phosphoproteome. <i>Cell</i> , 2015, 161, 1619-1632.	28.9	264
3	MitoNEET is an iron-containing outer mitochondrial membrane protein that regulates oxidative capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5318-5323.	7.1	251
4	Dynamic regulation of FGF23 by Fam20C phosphorylation, GalNAc-T3 glycosylation, and furin proteolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5520-5525.	7.1	249
5	MitoNEET is a uniquely folded 2Fe-2S outer mitochondrial membrane protein stabilized by pioglitazone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14342-14347.	7.1	242
6	Thiazolidinediones are acute, specific inhibitors of the mitochondrial pyruvate carrier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5422-5427.	7.1	239
7	Mitochondrial Phosphatase PTPMT1 Is Essential for Cardiolipin Biosynthesis. <i>Cell Metabolism</i> , 2011, 13, 690-700.	16.2	176
8	The Outer Mitochondrial Membrane Protein mitoNEET Contains a Novel Redox-active 2Fe-2S Cluster*. <i>Journal of Biological Chemistry</i> , 2007, 282, 23745-23749.	3.4	145
9	Identification of a Mitochondrial Target of Thiazolidinedione Insulin Sensitizers (mTOT) Relationship to Newly Identified Mitochondrial Pyruvate Carrier Proteins. <i>PLoS ONE</i> , 2013, 8, e61551.	2.5	141
10	Involvement of a Mitochondrial Phosphatase in the Regulation of ATP Production and Insulin Secretion in Pancreatic β Cells. <i>Molecular Cell</i> , 2005, 19, 197-207.	9.7	138
11	Monitoring phosphorylation of the pyruvate dehydrogenase complex. <i>Analytical Biochemistry</i> , 2009, 389, 157-164.	2.4	122
12	Wolfram Syndrome protein, Miner1, regulates sulphhydryl redox status, the unfolded protein response, and Ca ²⁺ homeostasis. <i>EMBO Molecular Medicine</i> , 2013, 5, 904-918.	6.9	101
13	Excitotoxic Injury to Mitochondria Isolated from Cultured Neurons. <i>Journal of Biological Chemistry</i> , 2005, 280, 28894-28902.	3.4	67
14	Phosphorylation of serine96 of histidine-rich calcium-binding protein by the Fam20C kinase functions to prevent cardiac arrhythmia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9098-9103.	7.1	43
15	Intravenous (âˆ™)-epicatechin reduces myocardial ischemic injury by protecting mitochondrial function. <i>International Journal of Cardiology</i> , 2014, 175, 297-306.	1.7	41
16	Inhibition of dual-specificity tyrosine phosphorylation-regulated kinase 2 perturbs 26S proteasome-addicted neoplastic progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24881-24891.	7.1	39
17	Reversible phosphorylation of Rpn1 regulates 26S proteasome assembly and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 328-336.	7.1	35
18	Dual Specificity Phosphatases 18 and 21 Target to Opposing Sides of the Mitochondrial Inner Membrane. <i>Journal of Biological Chemistry</i> , 2008, 283, 15440-15450.	3.4	24

#	ARTICLE	IF	CITATIONS
19	A secretory pathway kinase regulates sarcoplasmic reticulum Ca ²⁺ homeostasis and protects against heart failure. <i>ELife</i> , 2018, 7, .	6.0	22
20	Enzymatic Phosphorylation of Ser in a Type I Collagen Peptide. <i>Biophysical Journal</i> , 2018, 115, 2327-2335.	0.5	13
21	Chapter 13 Localization and Function of the 2Fe ²⁺ S Outer Mitochondrial Membrane Protein mitoNEET. <i>Methods in Enzymology</i> , 2009, 456, 233-246.	1.0	11
22	Miner1, mutated in Wolfram Syndrome, is an endoplasmic reticulum protein that regulates cellular redox status and Ca ²⁺ homeostasis. <i>FASEB Journal</i> , 2012, 26, 887.9.	0.5	0