

David A Patten

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,266
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Prohibitin 1 interacts with p53 in the regulation of mitochondrial dynamics and chemoresistance in gynecologic cancers. <i>Journal of Ovarian Research</i> , 2022, 15, .	3.0	4
2	Altered mitochondrial fusion drives defensive glutathione synthesis in cells able to switch to glycolytic ATP production. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118854.	4.1	14
3	Grx2 Regulates Skeletal Muscle Mitochondrial Structure and Autophagy. <i>Frontiers in Physiology</i> , 2021, 12, 604210.	2.8	7
4	Resistance to different anthracycline chemotherapeutics elicits distinct and actionable primary metabolic dependencies in breast cancer. <i>ELife</i> , 2021, 10, .	6.0	23
5	Nuclear HKIIâ€P-p53 (Ser15) Interaction is a Prognostic Biomarker for Chemosensitiveness and Glycolytic Regulation in Epithelial Ovarian Cancer. <i>Cancers</i> , 2021, 13, 3399.	3.7	5
6	MCL-1Matrix maintains neuronal survival by enhancing mitochondrial integrity and bioenergetic capacity under stress conditions. <i>Cell Death and Disease</i> , 2020, 11, 321.	6.3	68
7	Atrial Fibrillation Is Associated With Impaired Atrial Mitochondrial Energetics and Supercomplex Formation in Adults With Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2019, 43, 67-75.e1.	0.8	18
8	p53 Promotes chemoresponsiveness by regulating hexokinase II gene transcription and metabolic reprogramming in epithelial ovarian cancer. <i>Molecular Carcinogenesis</i> , 2019, 58, 2161-2174.	2.7	34
9	Maternal dietâ€induced obesity alters muscle mitochondrial function in offspring without changing insulin sensitivity. <i>FASEB Journal</i> , 2019, 33, 13515-13526.	0.5	14
10	Mitochondrial adaptation in human mesenchymal stem cells following ionizing radiation. <i>FASEB Journal</i> , 2019, 33, 9263-9278.	0.5	8
11	Glutaredoxin-2 controls cardiac mitochondrial dynamics and energetics in mice, and protects against human cardiac pathologies. <i>Redox Biology</i> , 2018, 14, 509-521.	9.0	35
12	Tumor metabolism regulating chemosensitivity in ovarian cancer. <i>Genes and Cancer</i> , 2018, 9, 155-175.	1.9	43
13	Reactive Oxygen Species and Oxidative Stress in Obesityâ€Recent Findings and Empirical Approaches. <i>Obesity</i> , 2016, 24, 2301-2310.	3.0	185
14	Impaired mitochondrial oxidative phosphorylation and supercomplex assembly in rectus abdominis muscle of diabetic obese individuals. <i>Diabetologia</i> , 2015, 58, 2861-2866.	6.3	88
15	OPA1â€dependent cristae modulation is essential for cellular adaptation to metabolic demand. <i>EMBO Journal</i> , 2014, 33, 2676-2691.	7.8	312
16	LKB1-regulated adaptive mechanisms are essential for neuronal survival following mitochondrial dysfunction. <i>Human Molecular Genetics</i> , 2013, 22, 952-962.	2.9	21
17	The Werner syndrome gene product (WRN): a repressor of hypoxia-inducible factor-1 activity. <i>Experimental Cell Research</i> , 2012, 318, 1620-1632.	2.6	21
18	Hypoxia-inducible Factor-1 Activation in Nonhypoxic Conditions: The Essential Role of Mitochondrial-derived Reactive Oxygen Species. <i>Molecular Biology of the Cell</i> , 2010, 21, 3247-3257.	2.1	144

#	ARTICLE	IF	CITATIONS
19	Reactive Oxygen Species: Stuck in the Middle of Neurodegeneration. Journal of Alzheimer's Disease, 2010, 20, S357-S367.	2.6	216