David A Patten

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11009296/publications.pdf

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19	1,266	623734	752698
papers	citations	14	20
		h-index	g-index

21	21	21	2844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	OPA1â€dependent cristae modulation is essential for cellular adaptation to metabolic demand. EMBO Journal, 2014, 33, 2676-2691.	7.8	312
2	Reactive Oxygen Species: Stuck in the Middle of Neurodegeneration. Journal of Alzheimer's Disease, 2010, 20, S357-S367.	2.6	216
3	Reactive Oxygen Species and Oxidative Stress in Obesityâ€"Recent Findings and Empirical Approaches. Obesity, 2016, 24, 2301-2310.	3.0	185
4	Hypoxia-inducible Factor-1 Activation in Nonhypoxic Conditions: The Essential Role of Mitochondrial-derived Reactive Oxygen Species. Molecular Biology of the Cell, 2010, 21, 3247-3257.	2.1	144
5	Impaired mitochondrial oxidative phosphorylation and supercomplex assembly in rectus abdominis muscle of diabetic obese individuals. Diabetologia, 2015, 58, 2861-2866.	6.3	88
6	MCL-1Matrix maintains neuronal survival by enhancing mitochondrial integrity and bioenergetic capacity under stress conditions. Cell Death and Disease, 2020, 11, 321.	6.3	68
7	Tumor metabolism regulating chemosensitivity in ovarian cancer. Genes and Cancer, 2018, 9, 155-175.	1.9	43
8	Glutaredoxin-2 controls cardiac mitochondrial dynamics and energetics in mice, and protects against human cardiac pathologies. Redox Biology, 2018, 14, 509-521.	9.0	35
9	p53 Promotes chemoresponsiveness by regulating hexokinase II gene transcription and metabolic reprogramming in epithelial ovarian cancer. Molecular Carcinogenesis, 2019, 58, 2161-2174.	2.7	34
10	Resistance to different anthracycline chemotherapeutics elicits distinct and actionable primary metabolic dependencies in breast cancer. ELife, 2021, 10, .	6.0	23
11	The Werner syndrome gene product (WRN): a repressor of hypoxia-inducible factor-1 activity. Experimental Cell Research, 2012, 318, 1620-1632.	2.6	21
12	LKB1-regulated adaptive mechanisms are essential for neuronal survival following mitochondrial dysfunction. Human Molecular Genetics, 2013, 22, 952-962.	2.9	21
13	Atrial Fibrillation Is Associated With Impaired Atrial Mitochondrial Energetics and Supercomplex Formation in Adults With Type 2 Diabetes. Canadian Journal of Diabetes, 2019, 43, 67-75.e1.	0.8	18
14	Maternal dietâ€induced obesity alters muscle mitochondrial function in offspring without changing insulin sensitivity. FASEB Journal, 2019, 33, 13515-13526.	0.5	14
15	Altered mitochondrial fusion drives defensive glutathione synthesis in cells able to switch to glycolytic ATP production. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118854.	4.1	14
16	Mitochondrial adaptation in human mesenchymal stem cells following ionizing radiation. FASEB Journal, 2019, 33, 9263-9278.	0.5	8
17	Grx2 Regulates Skeletal Muscle Mitochondrial Structure and Autophagy. Frontiers in Physiology, 2021, 12, 604210.	2.8	7
18	Nuclear HKIIâ€"P-p53 (Ser15) Interaction is a Prognostic Biomarker for Chemoresponsiveness and Glycolytic Regulation in Epithelial Ovarian Cancer. Cancers, 2021, 13, 3399.	3.7	5

#	Article	IF	Citations
19	Prohibitin 1 interacts with p53 in the regulation of mitochondrial dynamics and chemoresistance in gynecologic cancers. Journal of Ovarian Research, 2022, 15, .	3.0	4