

# Jane E CarrÃ©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2729559/publications.pdf>

Version: 2024-02-01

16  
papers

1,241  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute bioenergetic insulin sensitivity of skeletal muscle cells: ATP-demand-provoked glycolysis contributes to stimulation of ATP supply. <i>Biochemistry and Biophysics Reports</i> , 2022, 30, 101274.	1.3	2
2	Control of pancreatic $\beta$ -cell bioenergetics. <i>Biochemical Society Transactions</i> , 2018, 46, 555-564.	3.4	18
3	A high-sensitivity electrochemiluminescence-based ELISA for the measurement of the oxidative stress biomarker, 3-nitrotyrosine, in human blood serum and cells. <i>Free Radical Biology and Medicine</i> , 2018, 120, 246-254.	2.9	20
4	Improved Survival in a Long-Term Rat Model of Sepsis Is Associated With Reduced Mitochondrial Calcium Uptake Despite Increased Energetic Demand. <i>Critical Care Medicine</i> , 2017, 45, e840-e848.	0.9	19
5	Skeletal muscle dysfunction is associated with derangements in mitochondrial bioenergetics (but not) Tj ETQq1 1 0.784314 rgBT /Ov 2015, 308, E713-E725.	3.5	23
6	Component reductions in oxygen delivery generate variable haemodynamic and stress hormone responses. <i>British Journal of Anaesthesia</i> , 2014, 113, 708-716.	3.4	5
7	Early functional and transcriptomic changes in the myocardium predict outcome in a long-term rat model of sepsis. <i>Clinical Science</i> , 2013, 124, 391-401.	4.3	62
8	Liver Dysfunction and Phosphatidylinositol-3-Kinase Signalling in Early Sepsis: Experimental Studies in Rodent Models of Peritonitis. <i>PLoS Medicine</i> , 2012, 9, e1001338.	8.4	152
9	Measurement of H <sub>2</sub> O <sub>2</sub> within Living <i>Drosophila</i> during Aging Using a Ratiometric Mass Spectrometry Probe Targeted to the Mitochondrial Matrix. <i>Cell Metabolism</i> , 2011, 13, 340-350.	16.2	267
10	Interaction of purified alternative oxidase from thermogenic <i>Arum maculatum</i> with pyruvate. <i>FEBS Letters</i> , 2011, 585, 397-401.	2.8	26
11	Survival in Critical Illness Is Associated with Early Activation of Mitochondrial Biogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 745-751.	5.6	370
12	Compelling EPR evidence that the alternative oxidase is a diiron carboxylate protein. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 327-330.	1.0	50
13	Cellular energetic metabolism in sepsis: The need for a systems approach. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 763-771.	1.0	121
14	Succinate recovers mitochondrial oxygen consumption in septic rat skeletal muscle. <i>Critical Care Medicine</i> , 2007, 35, 2150-2155.	0.9	66
15	Constitutive activity of <i>Sauromatum guttatum</i> alternative oxidase in <i>Schizosaccharomyces pombe</i> implicates residues in addition to conserved cysteines in $\beta$ -keto acid activation. <i>FEBS Letters</i> , 2005, 579, 331-336.	2.8	40
16	Over-expression of a mitochondrially-located HSP70 alters carbon metabolism in tobacco. <i>Biochemical Society Transactions</i> , 2002, 30, A31-A31.	3.4	0