

# 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  | 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       |
| 2  | 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       |
| 3  | 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       |
| 4  | 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       |
| 5  | Succinate recovers mitochondrial oxygen consumption in septic rat skeletal muscle. <i>Critical Care Medicine</i> , 2007, 35, 2150-2155.  | 0.9  | 66        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | Interaction of purified alternative oxidase from thermogenic <i>Arum maculatum</i> with pyruvate. <i>FEBS Letters</i> , 2011, 585, 397-401.  | 2.8  | 26        |
| 10 | Skeletal muscle dysfunction is associated with derangements in mitochondrial bioenergetics (but not) Tj ETQq0 0 0 rgBT /Overlock 10 T<br>2015, 308, E713-E725.   | 3.5  | 23        |
| 11 | 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        |
| 12 | 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        |
| 13 | Control of pancreatic $\beta$ -cell bioenergetics. <i>Biochemical Society Transactions</i> , 2018, 46, 555-564.  | 3.4  | 18        |
| 14 | 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         |
| 15 | 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         |
| 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         |