

# Vitali T Cheshchevik

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13  
papers

147  
citations

6  
h-index

12  
g-index

15  
ext. papers

180  
ext. citations

2.9  
avg, IF

2.23  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 13 | Rat liver mitochondrial damage under acute or chronic carbon tetrachloride-induced intoxication: protection by melatonin and cranberry flavonoids. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 261, 271-9                            | 4.6 | 39        |
| 12 | Physicochemical, antioxidant, DNA cleaving properties and antimicrobial activity of fisetin-copper chelates. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 180, 101-118  | 4.2 | 22        |
| 11 | Corrections by melatonin of liver mitochondrial disorders under diabetes and acute intoxication in rats. <i>Cell Biochemistry and Function</i> , <b>2011</b> , 29, 481-8  | 4.2 | 20        |
| 10 | Oxidative damage of rat liver mitochondria during exposure to t-butyl hydroperoxide. Role of Ca <sup>2+</sup> ions in oxidative processes. <i>Life Sciences</i> , <b>2013</b> , 92, 1110-7  | 6.8 | 19        |
| 9  | Calcium-Induced Mitochondrial Permeability Transitions: Parameters of Ca Ion Interactions with Mitochondria and Effects of Oxidative Agents. <i>Journal of Membrane Biology</i> , <b>2017</b> , 250, 225-236  | 2.3 | 16        |
| 8  | Cranberry flavonoids prevent toxic rat liver mitochondrial damage in vivo and scavenge free radicals in vitro. <i>Cell Biochemistry and Function</i> , <b>2015</b> , 33, 202-10   | 4.2 | 9         |
| 7  | Rat liver mitochondria impairments under acute carbon tetrachloride-induced intoxication. Effects of melatonin. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2010</b> , 4, 187-195                              | 0.7 | 5         |
| 6  | Position Impact of Hydroxy Groups on Spectral, Acid-Base Profiles and DNA Interactions of Several Monohydroxy Flavanones. <i>Molecules</i> , <b>2019</b> , 24,  | 4.8 | 4         |
| 5  | Redox regulation of mitochondrial functional activity by quinones. <i>Physiology International</i> , <b>2016</b> , 103, 439-458   | 1.5 | 4         |
| 4  | Ferutinin Induces Membrane Depolarization, Permeability Transition Pore Formation, and Respiration Uncoupling in Isolated Rat Liver Mitochondria by Stimulation of Ca-Permeability. <i>Journal of Membrane Biology</i> , <b>2018</b> , 251, 563-572 | 2.3 | 3         |
| 3  | Role of mitochondrial calcium in hypochlorite induced oxidative damage of cells. <i>Biochimie</i> , <b>2021</b> , 184, 104-115  | 4.6 | 2         |
| 2  | Hepatotoxic effects of acetaminophen. Protective properties of tryptophan derivatives. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , <b>2010</b> , 4, 264-268  | 0.4 | 1         |
| 1  | Diabetes mellitus: Metabolic effects and oxidative stress. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , <b>2011</b> , 5, 101-110   | 0.7 |           |