

Bosko M Stojanovski

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 5-Aminolevulinate synthase catalysis: The catcher in heme biosynthesis. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 178-189. | 1.1 | 24 |
| 2 | Unstable Reaction Intermediates and Hysteresis during the Catalytic Cycle of 5-Aminolevulinate Synthase. <i>Journal of Biological Chemistry</i> , 2014, 289, 22915-22925. | 3.4 | 20 |
| 3 | Catalytically active alkaline molten globular enzyme: Effect of pH and temperature on the structural integrity of 5-aminolevulinate synthase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2145-2154. | 2.3 | 16 |
| 4 | Enhancing the anticoagulant profile of meizothrombin. <i>Biomolecular Concepts</i> , 2018, 9, 169-175. | 2.2 | 10 |
| 5 | Role of the activation peptide in the mechanism of protein C activation. <i>Scientific Reports</i> , 2020, 10, 11079. | 3.3 | 10 |
| 6 | Role of the I16-D194 ionic interaction in the trypsin fold. <i>Scientific Reports</i> , 2019, 9, 18035. | 3.3 | 9 |
| 7 | Zymogen and activated protein C have similar structural architecture. <i>Journal of Biological Chemistry</i> , 2020, 295, 15236-15244. | 3.4 | 8 |
| 8 | Role of sequence and position of the cleavage sites in prothrombin activation. <i>Journal of Biological Chemistry</i> , 2021, 297, 100955. | 3.4 | 8 |
| 9 | Toward Heme: 5-Aminolevulinate Synthase and Initiation of Porphyrin Synthesis. <i>Handbook of Porphyrin Science</i> , 2013, , 1-78. | 0.8 | 7 |
| 10 | Murine erythroid 5-aminolevulinate synthase: Truncation of a disordered N-terminal extension is not detrimental for catalysis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 441-452. | 2.3 | 7 |
| 11 | Murine erythroid 5-aminolevulinate synthase: Adenosyl-binding site Lys221 modulates substrate binding and catalysis. <i>FEBS Open Bio</i> , 2015, 5, 824-831. | 2.3 | 6 |
| 12 | Asn-150 of Murine Erythroid 5-Aminolevulinate Synthase Modulates the Catalytic Balance between the Rates of the Reversible Reaction. <i>Journal of Biological Chemistry</i> , 2015, 290, 30750-30761. | 3.4 | 5 |
| 13 | Molecular dynamics analysis of the structural and dynamic properties of the functionally enhanced hepta-variant of mouse 5-aminolevulinate synthase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 152-165. | 3.5 | 4 |
| 14 | The unfolding pathways of the native and molten globule states of 5-aminolevulinate synthase. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 321-327. | 2.1 | 2 |