

Margareta Sahlin

List of Publications by Year in descending order

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10
papers

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1307594

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Structural and Biochemical Investigation of Class I Ribonucleotide Reductase from the Hyperthermophile <i>Aquifex aeolicus</i> . <i>Biochemistry</i> , 2022, 61, 92-106. | 2.5 | 6 |
| 2 | A ribonucleotide reductase from <i>Clostridium botulinum</i> reveals distinct evolutionary pathways to regulation via the overall activity site. <i>Journal of Biological Chemistry</i> , 2020, 295, 15576-15587. | 3.4 | 12 |
| 3 | Compounds with capacity to quench the tyrosyl radical in <i>Pseudomonas aeruginosa</i> ribonucleotide reductase. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 841-848. | 2.6 | 3 |
| 4 | Metal-free ribonucleotide reduction powered by a DOPA radical in <i>Mycoplasma</i> pathogens. <i>Nature</i> , 2018, 563, 416-420. | 27.8 | 50 |
| 5 | Novel ATP-cone-driven allosteric regulation of ribonucleotide reductase via the radical-generating subunit. <i>ELife</i> , 2018, 7, . | 6.0 | 40 |
| 6 | A unique cysteine-rich zinc finger domain present in a majority of class II ribonucleotide reductases mediates catalytic turnover. <i>Journal of Biological Chemistry</i> , 2017, 292, 19044-19054. | 3.4 | 14 |
| 7 | A Bioanalytical Method for Quantification of Thioredoxins in <i>Bacillus anthracis</i> by Digestion with Immobilized Pepsin and LC-MS/MS and On-line LC/LC-MS/MS. <i>Chromatographia</i> , 2016, 79, 383-393. | 1.3 | 1 |
| 8 | The Crystal Structure of <i>Thermotoga maritima</i> Class III Ribonucleotide Reductase Lacks a Radical Cysteine Pre-Positioned in the Active Site. <i>PLoS ONE</i> , 2015, 10, e0128199. | 2.5 | 10 |
| 9 | A Rare Combination of Ribonucleotide Reductases in the Social Amoeba <i>Dictyostelium discoideum</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 8198-8208. | 3.4 | 12 |
| 10 | Ribonucleotide Reductase Modularity. <i>Journal of Biological Chemistry</i> , 2006, 281, 25287-25296. | 3.4 | 30 |