

Margareta Sahlin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

181
citations

1307594

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1372567

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13
all docs

13
docs citations

13
times ranked

206
citing authors

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