

Inna Rozman Grinberg

List of Publications by Year in descending order

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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 nucleotide-sensing oligomerization mechanism that controls NrdR-dependent transcription of ribonucleotide reductases. <i>Nature Communications</i> , 2022, 13, 2700.	12.8	2
3	Novel clostridial cell-surface hemicellulose-binding CBM3 proteins. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2021, 77, 95-104.	0.8	1
4	Solution Structure of the dATP-Inactivated Class I Ribonucleotide Reductase From <i>Leeuwenhoekella blandensis</i> by SAXS and Cryo-Electron Microscopy. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 713608.	3.5	2
5	Class Id ribonucleotide reductase utilizes a Mn ^{2(IV,III)} cofactor and undergoes large conformational changes on metal loading. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 863-877.	2.6	10
6	Distinctive ligand-binding specificities of tandem PA14 biomass-sensing elements from <i>Clostridium thermocellum</i> and <i>Clostridium clariflavum</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 917-930.	2.6	8
7	A glutaredoxin domain fused to the radical-generating subunit of ribonucleotide reductase (RNR) functions as an efficient RNR reductant. <i>Journal of Biological Chemistry</i> , 2018, 293, 15889-15900.	3.4	15
8	Novel ATP-cone-driven allosteric regulation of ribonucleotide reductase via the radical-generating subunit. <i>ELife</i> , 2018, 7, .	6.0	40
9	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
10	Decoding Biomass-Sensing Regulons of <i>Clostridium thermocellum</i> Alternative Sigma-I Factors in a Heterologous <i>Bacillus subtilis</i> Host System. <i>PLoS ONE</i> , 2016, 11, e0146316.	2.5	31
11	Near-Complete Genome Sequence of the Cellulolytic Bacterium <i>Bacteroides</i> (<i>)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342	0.8	12
12	Functional phylotyping approach for assessing intraspecific diversity of <i>Ruminococcus albus</i> within the rumen microbiome. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-10.	1.8	12
13	Reassembly and co-crystallization of a family 9 processive endoglucanase from its component parts: structural and functional significance of the intermodular linker. <i>PeerJ</i> , 2015, 3, e1126.	2.0	29