Inna Rozman Grinberg

List of Publications by Year
in descending order

13	183	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel ATP-cone-driven allosteric regulation of ribonucleotide reductase via the radical-generating subunit. ELife, 2018, 7, .	6.0	40
2	Decoding Biomass-Sensing Regulons of Clostridium thermocellum Alternative Sigma-I Factors in a Heterologous Bacillus subtilis Host System. PLoS ONE, 2016, 11, e0146316.	2.5	31
3	Reassembly and co-crystallization of a family 9 processive endoglucanase from its component parts: structural and functional significance of the intermodular linker. PeerJ, 2015, 3, e1126.	2.0	29
4	A glutaredoxin domain fused to the radical-generating subunit of ribonucleotide reductase (RNR) functions as an efficient RNR reductant. Journal of Biological Chemistry, 2018, 293, 15889-15900.	3.4	15
5	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
6	Near-Complete Genome Sequence of the Cellulolytic Bacterium Bacteroides () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (P	0.8	12
7	Functional phylotyping approach for assessing intraspecific diversity of Ruminococcus albus within the rumen microbiome. FEMS Microbiology Letters, 2015, 362, 1-10.	1.8	12
8	Class Id ribonucleotide reductase utilizes a Mn2(IV,III) cofactor and undergoes large conformational changes on metal loading. Journal of Biological Inorganic Chemistry, 2019, 24, 863-877.	2.6	10
9	Distinctive ligandâ€binding specificities of tandem PA14 biomassâ€sensory elements from Clostridium thermocellum and Clostridium clariflavum. Proteins: Structure, Function and Bioinformatics, 2019, 87, 917-930.	2.6	8
10	Structural and Biochemical Investigation of Class I Ribonucleotide Reductase from the Hyperthermophile Aquifex aeolicus. Biochemistry, 2022, 61, 92-106.	2.5	6
11	Solution Structure of the dATP-Inactivated Class I Ribonucleotide Reductase From Leeuwenhoekiella blandensis by SAXS and Cryo-Electron Microscopy. Frontiers in Molecular Biosciences, 2021, 8, 713608.	3.5	2
12	A nucleotide-sensing oligomerization mechanism that controls NrdR-dependent transcription of ribonucleotide reductases. Nature Communications, 2022, 13, 2700.	12.8	2
13	Novel clostridial cell-surface hemicellulose-binding CBM3 proteins. Acta Crystallographica Section F, Structural Biology Communications, 2021, 77, 95-104.	0.8	1