

Alison M Berezuk

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,142
citations

933264

10
h-index

794469

19
g-index

26
all docs

26
docs citations

26
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Omicron variant: Antibody evasion and cryo-EM structure of spike protein-ACE2 complex. <i>Science</i> , 2022, 375, 760-764.	6.0	488
2	Cryo-electron microscopy structures of the N501Y SARS-CoV-2 spike protein in complex with ACE2 and 2 potent neutralizing antibodies. <i>PLoS Biology</i> , 2021, 19, e3001237.	2.6	171
3	High Potency of a Bivalent Human VH Domain in SARS-CoV-2 Animal Models. <i>Cell</i> , 2020, 183, 429-441.e16.	13.5	100
4	Structural and biochemical rationale for enhanced spike protein fitness in delta and kappa SARS-CoV-2 variants. <i>Nature Communications</i> , 2022, 13, 742.	5.8	71
5	Structural analysis of receptor binding domain mutations in SARS-CoV-2 variants of concern that modulate ACE2 and antibody binding. <i>Cell Reports</i> , 2021, 37, 110156.	2.9	67
6	Identification of the first transcriptional activator of an archaeal operon in a euryarchaeon. <i>Molecular Microbiology</i> , 2016, 102, 54-70.	1.2	26
7	Site-directed Fluorescence Labeling Reveals a Revised N-terminal Membrane Topology and Functional Periplasmic Residues in the Escherichia coli Cell Division Protein FtsK. <i>Journal of Biological Chemistry</i> , 2014, 289, 23287-23301.	1.6	25
8	Effects of N-Glycosylation Site Removal in Archaealins on the Assembly and Function of Archaealins in Methanococcus maripaludis. <i>PLoS ONE</i> , 2015, 10, e0116402.	1.1	21
9	Outer membrane lipoprotein RlpA is a novel periplasmic interaction partner of the cell division protein FtsK in Escherichia coli. <i>Scientific Reports</i> , 2018, 8, 12933.	1.6	19
10	Effects of growth conditions on archaealation and N-glycosylation in Methanococcus maripaludis. <i>Microbiology (United Kingdom)</i> , 2016, 162, 339-350.	0.7	18
11	AAA+ ATPase p97/VCP mutants and inhibitor binding disrupt inter-domain coupling and subsequent allosteric activation. <i>Journal of Biological Chemistry</i> , 2021, 297, 101187.	1.6	13
12	Structure and Mutational Analyses of Escherichia coli ZapD Reveal Charged Residues Involved in FtsZ Filament Bundling. <i>Journal of Bacteriology</i> , 2016, 198, 1683-1693.	1.0	12
13	Identification of a novel N-linked glycan on the archaealins and S-layer protein of the thermophilic methanogen, Methanothermococcus thermolithotrophicus. <i>Journal of Biological Chemistry</i> , 2020, 295, 14618-14629.	1.6	11
14	Bypassing the Need for the Transcriptional Activator EarA through a Spontaneous Deletion in the BRE Portion of the fla Operon Promoter in Methanococcus maripaludis. <i>Frontiers in Microbiology</i> , 2017, 8, 1329.	1.5	10
15	Phylogenetic distribution of the euryarchaeal archaeal regulator EarA and complementation of a Methanococcus maripaludis earA mutant with heterologous earA homologues. <i>Microbiology (United Kingdom)</i> , 2017, 163, 804-815.	0.7	8
16	The Pseudomonas aeruginosa homeostasis enzyme AlgL clears the periplasmic space of accumulated alginate during polymer biosynthesis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101560.	1.6	8
17	FtsA G50E mutant suppresses the essential requirement for FtsK during bacterial cell division in Escherichia coli. <i>Canadian Journal of Microbiology</i> , 2020, 66, 313-327.	0.8	7
18	Complementation of an aglB Mutant of Methanococcus maripaludis with Heterologous Oligosaccharyltransferases. <i>PLoS ONE</i> , 2016, 11, e0167611.	1.1	4

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19	Therapeutic stem cellâ€derived alveolarâ€like macrophages display bactericidal effects and resolve <i>Pseudomonas aeruginosa</i>â€induced lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3046-3059.	1.6	3