

Gregory Boel

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,638
citations

394421

19
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

2360
citing authors

#	ARTICLE	IF	CITATIONS
1	Codon influence on protein expression in <i>E. coli</i> correlates with mRNA levels. <i>Nature</i> , 2016, 529, 358-363.	27.8	350
2	Complete Genome Sequence of the Probiotic <i>Lactobacillus casei</i> Strain BL23. <i>Journal of Bacteriology</i> , 2010, 192, 2647-2648.	2.2	144
3	Transmembrane modulator-dependent bacterial tyrosine kinase activates UDP-glucose dehydrogenases. <i>EMBO Journal</i> , 2003, 22, 4709-4718.	7.8	143
4	The ABC-F protein EttA gates ribosome entry into the translation elongation cycle. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 143-151.	8.2	109
5	Group A Streptococcal Surface GAPDH, SDH, Recognizes uPAR/CD87 as its Receptor on the Human Pharyngeal Cell and Mediates Bacterial Adherence to Host Cells. <i>Journal of Molecular Biology</i> , 2005, 350, 27-41.	4.2	105
6	Inhibition of Cell Surface Export of Group A Streptococcal Anchorless Surface Dehydrogenase Affects Bacterial Adherence and Antiphagocytic Properties. <i>Infection and Immunity</i> , 2005, 73, 6237-6248.	2.2	82
7	Physiological Response to Membrane Protein Overexpression in <i>E. coli</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.007930.	3.8	80
8	EttA regulates translation by binding the ribosomal E site and restricting ribosome-tRNA dynamics. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 152-159.	8.2	80
9	Is 2-Phosphoglycerate-dependent Automodification of Bacterial Enolases Implicated in their Export?. <i>Journal of Molecular Biology</i> , 2004, 337, 485-496.	4.2	67
10	The Phosphotransferase System of <i>Lactobacillus casei</i> : Regulation of Carbon Metabolism and Connection to Cold Shock Response. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2007, 12, 20-32.	1.0	65
11	Transcription Regulators Potentially Controlled by HPr Kinase/Phosphorylase in Gram-Negative Bacteria. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2003, 5, 206-215.	1.0	61
12	Characterization of PrpC from <i>Bacillus subtilis</i> , a Member of the PPM Phosphatase Family. <i>Journal of Bacteriology</i> , 2000, 182, 5634-5638.	2.2	58
13	Molecular characterization of <i>Enterococcus faecalis</i> two-component signal transduction pathways related to environmental stresses. <i>Environmental Microbiology</i> , 2003, 5, 329-337.	3.8	55
14	HPr kinase/phosphorylase, a Walker motif A-containing bifunctional sensor enzyme controlling catabolite repression in Gram-positive bacteria. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1697, 123-135.	2.3	54
15	<i>Streptococcus pyogenes</i> Ser/Thr Kinase-regulated Cell Wall Hydrolase Is a Cell Division Plane-recognizing and Chain-forming Virulence Factor. <i>Journal of Biological Chemistry</i> , 2010, 285, 30861-30874.	3.4	34
16	The <i>Lactobacillus casei</i> ptsH ^{I47T} Mutation Causes Overexpression of a LevR-Regulated but RpoN-Independent Operon Encoding a Mannose Class Phosphotransferase System. <i>Journal of Bacteriology</i> , 2004, 186, 4543-4555.	2.2	31
17	Omnipresent Maxwell's demons orchestrate information management in living cells. <i>Microbial Biotechnology</i> , 2019, 12, 210-242.	4.2	28
18	ABC-F proteins in mRNA translation and antibiotic resistance. <i>Research in Microbiology</i> , 2019, 170, 435-447.	2.1	27

#	ARTICLE	IF	CITATIONS
19	ABC translation factors: from antibiotic resistance to immune response. FEBS Letters, 2021, 595, 675-706.	2.8	25
20	Utilization of d -Ribitol by Lactobacillus casei BL23 Requires a Mannose-Type Phosphotransferase System and Three Catabolic Enzymes. Journal of Bacteriology, 2013, 195, 2652-2661.	2.2	12
21	The new strategies to overcome challenges in protein production in bacteria. Microbial Biotechnology, 2019, 12, 44-47.	4.2	10
22	Ligand binding to a remote site thermodynamically corrects the F508del mutation in the human cystic fibrosis transmembrane conductance regulator. Journal of Biological Chemistry, 2018, 293, 17685-17704.	3.4	9
23	Codon Clarity or Conundrum?. Cell Systems, 2017, 4, 16-19.	6.2	5
24	ABC systems: structural and functional variations on a common theme. Research in Microbiology, 2019, 170, 301-303.	2.1	2
25	Structural and Functional Studies of Bacterial Toxin-Antitoxin Systems. Biophysical Journal, 2010, 98, 246a-247a.	0.5	0
26	Optimizing Recombinant Protein Expression with Synonymous Codons. Biophysical Journal, 2020, 118, 548a.	0.5	0