

Colin R. Harwood

List of Publications by Year in descending order

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41
papers

2,058
citations

218677

26
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacillus subtilis and its relatives: molecular biological and industrial workhorses. Trends in Biotechnology, 1992, 10, 247-256.	9.3	245
2	Secondary metabolite production and the safety of industrially important members of the Bacillus subtilis group. FEMS Microbiology Reviews, 2018, 42, 721-738.	8.6	162
3	Bacillus protein secretion: an unfolding story. Trends in Microbiology, 2008, 16, 73-79.	7.7	150
4	d-Alanine Substitution of Teichoic Acids as a Modulator of Protein Folding and Stability at the Cytoplasmic Membrane/Cell Wall Interface of Bacillus subtilis. Journal of Biological Chemistry, 2000, 275, 26696-26703.	3.4	100
5	<i>Bacillus subtilis</i> , the model Gram-positive bacterium: 20 years of annotation refinement. Microbial Biotechnology, 2018, 11, 3-17.	4.2	95
6	Heterologous Protein Secretion by Bacillus Species. Advances in Applied Microbiology, 2010, 73, 1-25.	2.4	93
7	Regulatory interactions between the Pho and σ^B -dependent general stress regulons of Bacillus subtilis. Microbiology (United Kingdom), 2002, 148, 1593-1602.	1.8	93
8	Post-translocational folding of secretory proteins in Gram-positive bacteria. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1694, 311-27.	4.1	89
9	Influence of a Cell-Wall-Associated Protease on Production of α -Amylase by <i>Bacillus subtilis</i> . Applied and Environmental Microbiology, 1998, 64, 2875-2881.	3.1	77
10	Sequencing and functional analysis of the genome of Bacillus subtilis strain 168. FEBS Letters, 1996, 389, 84-87.	2.8	75
11	Genome-Wide Transcriptional Analysis of the Phosphate Starvation Stimulon of Bacillus subtilis. Journal of Bacteriology, 2005, 187, 8063-8080.	2.2	69
12	Extracytoplasmic Proteases Determining the Cleavage and Release of Secreted Proteins, Lipoproteins, and Membrane Proteins in <i>Bacillus subtilis</i> . Journal of Proteome Research, 2013, 12, 4101-4110.	3.7	64
13	Transcriptional Regulation of the phoPR Operon in Bacillus subtilis. Journal of Bacteriology, 2004, 186, 1182-1190.	2.2	61
14	Effect of Genome Position on Heterologous Gene Expression in <i>Bacillus subtilis</i> : An Unbiased Analysis. ACS Synthetic Biology, 2016, 5, 942-947.	3.8	56
15	The extracellular and cytoplasmic proteomes of the non-virulent Bacillus anthracis strain UM23C1-2. Proteomics, 2005, 5, 3684-3695.	2.2	54
16	Denitrification, anaerobic ammonium oxidation, and dissimilatory nitrate reduction to ammonium in an East African Great Lake (Lake Kivu). Limnology and Oceanography, 2018, 63, 687-701.	3.1	46
17	Proteomic analysis of <i>Bacillus subtilis</i> strains engineered for improved production of heterologous proteins. Proteomics, 2013, 13, 3298-3308.	2.2	44
18	The influence of protein folding on late stages of the secretion of α -amylases from Bacillus subtilis. FEBS Letters, 1998, 430, 385-389.	2.8	43

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19	Post-transcriptional regulation of the <i>Bacillus subtilis</i> pst operon encoding a phosphate-specific ABC transporter. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2619-2628.	1.8	39
20	Extracellular Self-Assembly of Functional and Tunable Protein Conjugates from <i>Bacillus subtilis</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 957-967.	3.8	38
21	Exploring the Nonconserved Sequence Space of Synthetic Expression Modules in <i>Bacillus subtilis</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 1773-1784.	3.8	38
22	Environmental Salinity Determines the Specificity and Need for Tat-Dependent Secretion of the YwbN Protein in <i>Bacillus subtilis</i> . <i>PLoS ONE</i> , 2011, 6, e18140.	2.5	36
23	Emission and oxidation of methane in a meromictic, eutrophic and temperate lake (Dendre, Belgium). <i>Chemosphere</i> , 2017, 168, 756-764.	8.2	34
24	The ins and outs of <i>Bacillus</i> proteases: activities, functions and commercial significance. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	8.6	33
25	Phosphate Starvation Induces the Sporulation Killing Factor of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2006, 188, 5299-5303.	2.2	29
26	Combined proteomic and transcriptomic analysis of the response of <i>Bacillus anthracis</i> to oxidative stress. <i>Proteomics</i> , 2011, 11, 3036-3055.	2.2	28
27	The influence of secretory-protein charge on late stages of secretion from the Gram-positive bacterium <i>Bacillus subtilis</i> . <i>Biochemical Journal</i> , 2000, 350, 31-39.	3.7	25
28	e-Science: relieving bottlenecks in large-scale genome analyses. <i>Nature Reviews Microbiology</i> , 2008, 6, 948-954.	28.6	22
29	An Internal FK506-Binding Domain is the Catalytic Core of the Prolyl Isomerase Activity Associated with the <i>Bacillus Subtilis</i> Trigger Factor. <i>FEBS Journal</i> , 1997, 244, 59-65.	0.2	20
30	Comparative analysis of the responses of related pathogenic and environmental bacteria to oxidative stress. <i>Microbiology (United Kingdom)</i> , 2012, 158, 636-647.	1.8	16
31	Impact of mass migrations on the clonal variation of clinical <i>Staphylococcus aureus</i> strains isolated from the Western region of Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2019, 12, 317-322.	4.1	14
32	Effects of phosphate limitation on agarase production by <i>Streptomyces lividans</i> TK21. <i>FEMS Microbiology Letters</i> , 1998, 158, 107-113.	1.8	12
33	Binase-like guanyl-preferring ribonucleases are new members of <i>Bacillus</i> PhoP regulon. <i>Microbiological Research</i> , 2015, 170, 131-138.	5.3	10
34	From Gene Regulation to Gene Function: Regulatory Networks in <i>Bacillus subtilis</i> . <i>Comparative and Functional Genomics</i> , 2002, 3, 37-41.	2.0	9
35	Nitrate-dependent anaerobic methane oxidation and chemolithotrophic denitrification in a temperate eutrophic lake. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	9
36	The <i>Bacillus subtilis</i> genome sequence: the molecular blueprint of a soil bacterium. <i>FEMS Microbiology Ecology</i> , 1999, 28, 1-9.	2.7	9

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37	From Genome to Function: Systematic Analysis of the Soil Bacterium <i>Bacillus subtilis</i> . <i>Comparative and Functional Genomics</i> , 2001, 2, 22-24.	2.0	7
38	The possible occurrence of iron-dependent anaerobic methane oxidation in an Archean Ocean analogue. <i>Scientific Reports</i> , 2021, 11, 1597.	3.3	6
39	Editorial for the thematic issue on "Industrial Microbiology". <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	3
40	Whole genome microarray analysis of the expression profile of <i>Escherichia coli</i> in response to exposure to para-nitrophenol. <i>Advances in Experimental Biology</i> , 2008, 2, 221-248.	0.1	2
41	Studies on the influence of the cyclic AMP system on major outer membrane proteins of <i>Escherichia coli</i> k12. <i>FEMS Microbiology Letters</i> , 1980, 9, 95-98.	1.8	2