

Jeff Cole

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,470
citations

516710

16
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1279
citing authors

#	ARTICLE	IF	CITATIONS
1	Release of nitric oxide by the Escherichia coli YtfE (RIC) protein and its reduction by the hybrid cluster protein in an integrated pathway to minimize cytoplasmic nitrosative stress. Microbiology (United Kingdom), 2018, 164, 563-575.	1.8	21
2	Preferential Reduction of the Thermodynamically Less Favorable Electron Acceptor, Sulfate, by a Nitrate-Reducing Strain of the Sulfate-Reducing Bacterium <i>Desulfovibrio desulfuricans</i> 27774. Journal of Bacteriology, 2009, 191, 882-889.	2.2	38
3	The NsrR Regulon of Escherichia coli K-12 Includes Genes Encoding the Hybrid Cluster Protein and the Periplasmic, Respiratory Nitrite Reductase. Journal of Bacteriology, 2007, 189, 4410-4417.	2.2	118
4	Nitrate reduction by <i>Desulfovibrio desulfuricans</i> : A periplasmic nitrate reductase system that lacks NapB, but includes a unique tetraheme-type cytochrome, NapM. FEMS Microbiology Letters, 2005, 248, 217-225.	1.8	55
5	Detection and widespread distribution of the <i>nrfA</i> gene encoding nitrite reduction to ammonia, a short circuit in the biological nitrogen cycle that competes with denitrification. FEMS Microbiology Ecology, 2004, 49, 433-443.	2.7	154
6	Improved nitrogen removal by application of new nitrogen-cycle bacteria. Reviews in Environmental Science and Biotechnology, 2002, 1, 51-63.	8.1	88
7	The Escherichia coli CcmG protein fulfils a specific role in cytochrome c assembly. Biochemical Journal, 2001, 355, 51-58.	3.7	61
8	Nitrate reduction in the periplasm of gram-negative bacteria. Advances in Microbial Physiology, 2001, 45, 51-112.	2.4	126
9	The Escherichia coli CcmG protein fulfils a specific role in cytochrome c assembly. Biochemical Journal, 2001, 355, 51.	3.7	50
10	In a medium containing glucose, lactate carbon is incorporated by gonococci predominantly into fatty acids and glucose carbon incorporation is increased: implications regarding lactate stimulation of metabolism. International Journal of Medical Microbiology, 2000, 290, 627-639.	3.6	9
11	Regulation of the lipopolysaccharide-specific sialyltransferase activity of gonococci by the growth state of the bacteria, but not by carbon source, catabolite repression or oxygen supply. Antonie Van Leeuwenhoek, 1999, 75, 369-379.	1.7	14
12	Characterization of a sialyltransferase-deficient mutant of <i>Neisseria gonorrhoeae</i> strain F62: instability of transposon Tn1545 β 3 in gonococci and evidence that multiple genetic loci are essential for lipooligosaccharide sialylation. Microbial Pathogenesis, 1998, 25, 237-252.	2.9	9
13	Oxygen Toxicity, Oxygen Starvation and the Assembly of Cytochrome c-Dependent Electron Transfer Chains in Escherichia coli. , 1998, , 265-284.		0
14	Nitrate reduction to ammonia by enteric bacteria: redundancy, or a strategy for survival during oxygen starvation?. FEMS Microbiology Letters, 1996, 136, 1-11.	1.8	181
15	Nitrate reduction to ammonia by enteric bacteria: redundancy, or a strategy for survival during oxygen starvation?. FEMS Microbiology Letters, 1996, 136, 1-11.	1.8	4
16	An essential role for DsbA in cytochrome c synthesis and formate-dependent nitrite reduction by Escherichia coli K-12. Archives of Microbiology, 1995, 164, 301-307.	2.2	61
17	The biogenesis of c-type cytochromes in Escherichia coli requires a membrane-bound protein, DipZ, with a protein disulphide isomerase-like domain. Molecular Microbiology, 1995, 15, 1139-1150.	2.5	132
18	An essential role for DsbA in cytochrome c synthesis and formate-dependent nitrite reduction by Escherichia coli K-12. Archives of Microbiology, 1995, 164, 301-307.	2.2	16

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19	Mutation in <i>dipZ</i> leads to reduced production of active human placental alkaline phosphatase in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1994, 124, 209-214.	1.8	10
20	A seven-gene operon essential for formate-dependent nitrite reduction to ammonia by enteric bacteria. <i>Molecular Microbiology</i> , 1994, 12, 153-163.	2.5	163
21	Regulation and sequence of the structural gene for cytochrome <i>C</i> ₅₅₂ from <i>Escherichia coli</i> : not a hexahaem but a 50kDa tetrahaem nitrite reductase. <i>Molecular Microbiology</i> , 1993, 9, 1255-1265.	2.5	113
22	Molecular cloning and functional analysis of the <i>cysG</i> and <i>nirB</i> genes of <i>Escherichia coli</i> K12, two closely-linked genes required for NADH-dependent nitrite reductase activity. <i>Molecular Genetics and Genomics</i> , 1985, 200, 328-334.	2.4	47