Jeff Cole

List of Publications by Year
in descending order

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	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
2	A sevenâ€gene operon essential for formateâ€dependent nitrite reduction to ammonia by enteric bacteria. Molecular Microbiology, 1994, 12, 153-163.	2.5	163
3	Detection and widespread distribution of the nrfA 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
4	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
5	Nitrate reduction in the periplasm of gram-negative bacteria. Advances in Microbial Physiology, 2001, 45, 51-112.	2.4	126
6	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
7	Regulation and sequence of the structural gene for cytochrome C₅₅₂ from Escherichia coli: not a hexahaem but a 50kDa tetrahaem nitrite reductase. Molecular Microbiology, 1993, 9, 1255-1265.	2.5	113
8	Improved nitrogen removal by application of new nitrogen-cycle bacteria. Reviews in Environmental Science and Biotechnology, 2002, 1, 51-63.	8.1	88
9	An essential role for DsbA in cytochromec synthesis and formate-dependent nitrite reduction byEscherichia coli K-12. Archives of Microbiology, 1995, 164, 301-307.	2.2	61
10	The Escherichia coli CcmG protein fulfils a specific role in cytochrome c assembly. Biochemical Journal, 2001, 355, 51-58.	3.7	61
11	Nitrate reduction byDesulfovibrio desulfuricans: A periplasmic nitrate reductase system that lacks NapB, but includes a unique tetrahemec-type cytochrome, NapM. FEMS Microbiology Letters, 2005, 248, 217-225.	1.8	55
12	The Escherichia coli CcmG protein fulfils a specific role in cytochrome c assembly. Biochemical Journal, 2001, 355, 51.	3.7	50
13	Molecular cloning and functional analysis of the cysG and nirB genes of Escherichia coli K12, two closely-linked genes required for NADH-dependent nitrite reductase activity. Molecular Genetics and Genomics, 1985, 200, 328-334.	2.4	47
14	Preferential Reduction of the Thermodynamically Less Favorable Electron Acceptor, Sulfate, by a Nitrate-Reducing Strain of the Sulfate-Reducing Bacterium Desulfovibrio desulfuricans 27774. Journal of Bacteriology, 2009, 191, 882-889.	2.2	38
15	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
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	16
17	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
18	Mutation in dipZ leads to reduced production of active human placental alkaline phosphatase in Escherichia coli. FEMS Microbiology Letters, 1994, 124, 209-214.	1.8	10

#	Article	IF	Citations
19	Characterization of a sialyltransferase-deficient mutant ofNeisseria gonorrhoeaestrain F62: instability of transposon Tn1545 Î”3 in gonococci and evidence that multiple genetic loci are essential for lipooligosaccharide sialylation. Microbial Pathogenesis, 1998, 25, 237-252.	2.9	9
20	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
21	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
22	Oxygen Toxicity, Oxygen Starvation and the Assembly of Cytochrome c-Dependent Electron Transfer Chains in Escherichia coli. , 1998, , 265-284.		0