

Jeffrey Cole

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

2,022
citations

21
h-index

37
g-index

37
ext. papers

2,164
ext. citations

5.8
avg. IF

4.21
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 36 | Anaerobic bacterial response to nitric oxide stress: Widespread misconceptions and physiologically relevant responses. <i>Molecular Microbiology</i> , 2021 , 116, 29-40 | 4.1 | 2 |
| 35 | Anaerobic Bacterial Response to Nitrosative Stress. <i>Advances in Microbial Physiology</i> , 2018 , 72, 193-237 | 4.4 | 9 |
| 34 | The roles of the hybrid cluster protein, Hcp and its reductase, Hcr, in high affinity nitric oxide reduction that protects anaerobic cultures of Escherichia coli against nitrosative stress. <i>Molecular Microbiology</i> , 2016 , 100, 877-92 | 4.1 | 51 |
| 33 | Regulation, sensory domains and roles of two Desulfovibrio desulfuricans ATCC27774 Crp family transcription factors, HcpR1 and HcpR2, in response to nitrosative stress. <i>Molecular Microbiology</i> , 2016 , 102, 1120-1137 | 4.1 | 11 |
| 32 | Use of GFP fusions for the isolation of Escherichia coli strains for improved production of different target recombinant proteins. <i>Journal of Biotechnology</i> , 2011 , 156, 11-21 | 3.7 | 18 |
| 31 | Unresolved sources, sinks, and pathways for the recovery of enteric bacteria from nitrosative stress. <i>FEMS Microbiology Letters</i> , 2011 , 325, 99-107 | 2.9 | 43 |
| 30 | Is the abundance of Faecalibacterium prausnitzii relevant to Crohn's disease?. <i>FEMS Microbiology Letters</i> , 2010 , 310, 138-44 | 2.9 | 72 |
| 29 | Organization of the electron transfer chain to oxygen in the obligate human pathogen Neisseria gonorrhoeae: roles for cytochromes c4 and c5, but not cytochrome c2, in oxygen reduction. <i>Journal of Bacteriology</i> , 2010 , 192, 2395-406 | 3.5 | 17 |
| 28 | Sense and nonsense from a systems biology approach to microbial recombinant protein production. <i>Biotechnology and Applied Biochemistry</i> , 2010 , 55, 9-28 | 2.8 | 27 |
| 27 | A physiologically significant role in nitrite reduction of the CcoP subunit of the cytochrome oxidase cbb3 from Neisseria gonorrhoeae. <i>FEMS Microbiology Letters</i> , 2009 , 301, 232-40 | 2.9 | 15 |
| 26 | Different responses to nitrate and nitrite by the model organism Escherichia coli and the human pathogen Neisseria gonorrhoeae. <i>Biochemical Society Transactions</i> , 2006 , 34, 111-4 | 5.1 | 9 |
| 25 | A novel cytochrome c peroxidase from Neisseria gonorrhoeae: a lipoprotein from a Gram-negative bacterium. <i>Biochemical Journal</i> , 2003 , 373, 865-73 | 3.8 | 66 |
| 24 | The roles of the polytopic membrane proteins NarK, NarU and NirC in Escherichia coli K-12: two nitrate and three nitrite transporters. <i>Molecular Microbiology</i> , 2002 , 44, 143-55 | 4.1 | 93 |
| 23 | Identification of transcription activators that regulate gonococcal adaptation from aerobic to anaerobic or oxygen-limited growth. <i>Molecular Microbiology</i> , 2000 , 37, 839-55 | 4.1 | 60 |
| 22 | Novel growth characteristics and high rates of nitrate reduction of an Escherichia coli strain, LCB2048, that expresses only a periplasmic nitrate reductase. <i>FEMS Microbiology Letters</i> , 2000 , 185, 51-7 ^{2.9} | 2.9 | 12 |
| 21 | Survival of bacteria during oxygen limitation. <i>International Journal of Food Microbiology</i> , 2000 , 55, 11-8 | 5.8 | 12 |
| 20 | The periplasmic nitrate reductase from Escherichia coli: a heterodimeric molybdoprotein with a double-arginine signal sequence and an unusual leader peptide cleavage site. <i>FEMS Microbiology Letters</i> , 1999 , 174, 167-71 | 2.9 | 32 |

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|----|--|------|-----|
| 19 | 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. <i>Antonie Van Leeuwenhoek</i> , 1999 , 75, 369-79 | 2.1 | 14 |
| 18 | Essential roles for the products of the napABCD genes, but not napFGH, in periplasmic nitrate reduction by <i>Escherichia coli</i> K-12. <i>Biochemical Journal</i> , 1999 , 344 Pt 1, 69-76 | 3.8 | 47 |
| 17 | cis- and trans-acting elements involved in regulation of aniA, the gene encoding the major anaerobically induced outer membrane protein in <i>Neisseria gonorrhoeae</i> . <i>Journal of Bacteriology</i> , 1999 , 181, 541-51 | 3.5 | 64 |
| 16 | Lactate causes changes in gonococci including increased lipopolysaccharide synthesis during short-term incubation in media containing glucose. <i>FEMS Microbiology Letters</i> , 1998 , 169, 309-16 | 2.9 | 15 |
| 15 | A novel and ubiquitous system for membrane targeting and secretion of cofactor-containing proteins. <i>Cell</i> , 1998 , 93, 93-101 | 56.2 | 420 |
| 14 | Catabolite regulation of two <i>Escherichia coli</i> operons encoding nitrite reductases: role of the Cra protein. <i>Archives of Microbiology</i> , 1997 , 168, 240-4 | 3 | 21 |
| 13 | Characterisation of <i>Escherichia coli</i> K-12 mutants defective in formate-dependent nitrite reduction: essential roles for hemN and the menFDBCE operon. <i>Archives of Microbiology</i> , 1997 , 168, 403-11 | 3 | 24 |
| 12 | A reassessment of the range of c-type cytochromes synthesized by <i>Escherichia coli</i> K-12. <i>FEMS Microbiology Letters</i> , 1994 , 119, 89-94 | 2.9 | 87 |
| 11 | Nitrite and nitrate regulation at the promoters of two <i>Escherichia coli</i> operons encoding nitrite reductase: identification of common target heptamers for both NarP- and NarL-dependent regulation. <i>Molecular Microbiology</i> , 1994 , 13, 1045-55 | 4.1 | 79 |
| 10 | Definition of nitrite and nitrate response elements at the anaerobically inducible <i>Escherichia coli</i> nirB promoter: interactions between FNR and NarL. <i>Molecular Microbiology</i> , 1993 , 7, 151-7 | 4.1 | 83 |
| 9 | Nucleotide sequence, organisation and structural analysis of the products of genes in the nirB-cysG region of the <i>Escherichia coli</i> K-12 chromosome. <i>FEBS Journal</i> , 1990 , 191, 315-23 | | 112 |
| 8 | Transcriptional control of the cysG gene of <i>Escherichia coli</i> K-12 during aerobic and anaerobic growth. <i>FEBS Journal</i> , 1990 , 191, 325-31 | | 20 |
| 7 | Different physiological roles of two independent pathways for nitrite reduction to ammonia by enteric bacteria. <i>Archives of Microbiology</i> , 1990 , 154, 349-54 | 3 | 112 |
| 6 | Mutational analysis of the nucleotide sequence at the FNR-dependent nirB promoter in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1989 , 17, 135-45 | 20.1 | 57 |
| 5 | Cloning of binding sequences for the <i>Escherichia coli</i> transcription activators, FNR and CRP: location of bases involved in discrimination between FNR and CRP. <i>Nucleic Acids Research</i> , 1989 , 17, 3865-74 | 20.1 | 92 |
| 4 | Location and sequence of the promoter of the gene for the NADH-dependent nitrite reductase of <i>Escherichia coli</i> and its regulation by oxygen, the Fnr protein and nitrite. <i>Journal of Molecular Biology</i> , 1987 , 196, 781-8 | 6.5 | 101 |
| 3 | THE INFLUENCE OF A COLIFORM BACTERIUM ON FERMENTATION BY YEAST. <i>Journal of the Institute of Brewing</i> , 1979 , 85, 99-102 | 2 | 10 |
| 2 | BIOCHEMICAL PHYSIOLOGY OF OBESUMBACTERIUM PROTEUS, A COMMON BREWERY CONTAMINANT. <i>Journal of the Institute of Brewing</i> , 1972 , 78, 332-339 | 2 | 8 |

1 The regulation of metabolism in facultative bacteria. 3. The effect of nitrate. *Biochimica Et Biophysica Acta - General Subjects*, **1967**, 148, 233-42

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