

Jeffrey Cole

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7188792/jeffrey-cole-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	A novel and ubiquitous system for membrane targeting and secretion of cofactor-containing proteins. <i>Cell</i> , 1998 , 93, 93-101	56.2	420
35	Nucleotide sequence, organisation and structural analysis of the products of genes in the nirB-cysG region of the Escherichia coli K-12 chromosome. <i>FEBS Journal</i> , 1990 , 191, 315-23		112
34	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
33	Location and sequence of the promoter of the gene for the NADH-dependent nitrite reductase of Escherichia coli and its regulation by oxygen, the Fnr protein and nitrite. <i>Journal of Molecular Biology</i> , 1987 , 196, 781-8	6.5	101
32	The regulation of metabolism in facultative bacteria. 3. The effect of nitrate. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1967 , 148, 233-42	4	101
31	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
30	Cloning of binding sequences for the Escherichia coli 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
29	A reassessment of the range of c-type cytochromes synthesized by Escherichia coli K-12. <i>FEMS Microbiology Letters</i> , 1994 , 119, 89-94	2.9	87
28	Definition of nitrite and nitrate response elements at the anaerobically inducible Escherichia coli nirB promoter: interactions between FNR and NarL. <i>Molecular Microbiology</i> , 1993 , 7, 151-7	4.1	83
27	Nitrite and nitrate regulation at the promoters of two Escherichia coli 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
26	Is the abundance of Faecalibacterium prausnitzii relevant to Crohn's disease?. <i>FEMS Microbiology Letters</i> , 2010 , 310, 138-44	2.9	72
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	cis- and trans-acting elements involved in regulation of aniA, the gene encoding the major anaerobically induced outer membrane protein in Neisseria gonorrhoeae. <i>Journal of Bacteriology</i> , 1999 , 181, 541-51	3.5	64
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	Mutational analysis of the nucleotide sequence at the FNR-dependent nirB promoter in Escherichia coli. <i>Nucleic Acids Research</i> , 1989 , 17, 135-45	20.1	57
21	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
20	Essential roles for the products of the napABCD genes, but not napFGH, in periplasmic nitrate reduction by Escherichia coli K-12. <i>Biochemical Journal</i> , 1999 , 344 Pt 1, 69-76	3.8	47

19	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
18	The periplasmic nitrate reductase from <i>Escherichia coli</i> : 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
17	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
16	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
15	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
14	Transcriptional control of the <i>cysG</i> gene of <i>Escherichia coli</i> K-12 during aerobic and anaerobic growth. <i>FEBS Journal</i> , 1990 , 191, 325-31		20
13	Use of GFP fusions for the isolation of <i>Escherichia coli</i> strains for improved production of different target recombinant proteins. <i>Journal of Biotechnology</i> , 2011 , 156, 11-21	3.7	18
12	Organization of the electron transfer chain to oxygen in the obligate human pathogen <i>Neisseria gonorrhoeae</i> : 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
11	A physiologically significant role in nitrite reduction of the CcoP subunit of the cytochrome oxidase <i>cbb3</i> from <i>Neisseria gonorrhoeae</i> . <i>FEMS Microbiology Letters</i> , 2009 , 301, 232-40	2.9	15
10	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
9	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
8	Novel growth characteristics and high rates of nitrate reduction of an <i>Escherichia coli</i> strain, LCB2048, that expresses only a periplasmic nitrate reductase. <i>FEMS Microbiology Letters</i> , 2000 , 185, 51-7. ^{2.9}		12
7	Survival of bacteria during oxygen limitation. <i>International Journal of Food Microbiology</i> , 2000 , 55, 11-8	5.8	12
6	Regulation, sensory domains and roles of two <i>Desulfovibrio desulfuricans</i> ATCC27774 Crp family transcription factors, HcpR1 and HcpR2, in response to nitrosative stress. <i>Molecular Microbiology</i> , 2016 , 102, 1120-1137	4.1	11
5	THE INFLUENCE OF A COLIFORM BACTERIUM ON FERMENTATION BY YEAST. <i>Journal of the Institute of Brewing</i> , 1979 , 85, 99-102	2	10
4	Different responses to nitrate and nitrite by the model organism <i>Escherichia coli</i> and the human pathogen <i>Neisseria gonorrhoeae</i> . <i>Biochemical Society Transactions</i> , 2006 , 34, 111-4	5.1	9
3	Anaerobic Bacterial Response to Nitrosative Stress. <i>Advances in Microbial Physiology</i> , 2018 , 72, 193-237	4.4	9
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 Anaerobic bacterial response to nitric oxide stress: Widespread misconceptions and physiologically relevant responses. *Molecular Microbiology*, **2021**, 116, 29-40

4.1 2