Elizabeth M Fozo

List of Publications by Year
in descending order

29 papers	1,732 citations	430874 18 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	1802 citing authors

#	Article	IF	Citations
1	Abundance of type I toxinâ€“antitoxin systems in bacteria: searches for new candidates and discovery of novel families. Nucleic Acids Research, 2010, 38, 3743-3759.	14.5	237
2	Small Toxic Proteins and the Antisense RNAs That Repress Them. Microbiology and Molecular Biology Reviews, 2008, 72, 579-589.	6.6	222
3	Shifts in the Membrane Fatty Acid Profile of<i>Streptococcus mutans</i>Enhance Survival in Acidic Environments. Applied and Environmental Microbiology, 2004, 70, 929-936.	3.1	189
4	Repression of small toxic protein synthesis by the Sib and OhsC small RNAs. Molecular Microbiology, 2008, 70, 1076-1093.	2.5	166
5	The fabM Gene Product of Streptococcus mutans Is Responsible for the Synthesis of Monounsaturated Fatty Acids and Is Necessary for Survival at Low pH. Journal of Bacteriology, 2004, 186, 4152-4158.	2.2	111
6	Low pH-induced membrane fatty acid alterations in oral bacteria. FEMS Microbiology Letters, 2004, 238, 291-295.	1.8	107
7	RNase III Participates in GadY-Dependent Cleavage of the gadX-gadW mRNA. Journal of Molecular Biology, 2011, 406, 29-43.	4.2	101
8	Gonococcal Nitric Oxide Reductase Is Encoded by a Single Gene, norB , Which Is Required for Anaerobic Growth and Is Induced by Nitric Oxide. Infection and Immunity, 2000, 68, 5241-5246.	2.2	89
9	Incorporation of Exogenous Fatty Acids Protects Enterococcus faecalis from Membrane-Damaging Agents. Applied and Environmental Microbiology, 2014, 80, 6527-6538.	3.1	60
10	Low pH-induced membrane fatty acid alterations in oral bacteria. FEMS Microbiology Letters, 2004, 238, 291-295.	1.8	60
11	Role of Unsaturated Fatty Acid Biosynthesis in Virulence of Streptococcus mutans. Infection and Immunity, 2007, 75, 1537-1539.	2.2	58
12	sRNA Antitoxins: More than One Way to Repress a Toxin. Toxins, 2014, 6, 2310-2335.	3.4	45
13	New type I toxin-antitoxin families from â€œwildâ€•and laboratory strains of<i>E. coli</i>. RNA Biology, 2012, 9, 1504-1512.	3.1	38
14	Exogenous Fatty Acids Protect Enterococcus faecalis from Daptomycin-Induced Membrane Stress Independently of the Response Regulator LiaR. Applied and Environmental Microbiology, 2016, 82, 4410-4420.	3.1	38
15	The Making and Taking of Lipids. Advances in Microbial Physiology, 2016, 69, 51-155.	2.4	32
16	The ZorO-OrzO type I toxinâ€“antitoxin locus: repression by the OrzO antitoxin. Nucleic Acids Research, 2014, 42, 1930-1946.	14.5	29
17	Antimicrobial behavior of Cu-bearing Zr-based bulk metallic glasses. Materials Science and Engineering C, 2014, 39, 325-329.	7.3	27
18	The 5Î„ UTR of the type I toxin ZorO can both inhibit and enhance translation. Nucleic Acids Research, 2017, 45, 4006-4020.	14.5	21

#	Article	IF	Citations
19	Enterococcus faecalis Responds to Individual Exogenous Fatty Acids Independently of Their Degree of Saturation or Chain Length. Applied and Environmental Microbiology, 2018, 84, .	3.1	21
20	Second Harmonic Generation Spectroscopy of Membrane Probe Dynamics in Gram-Positive Bacteria. Biophysical Journal, 2019, 117, 1419-1428.	0.5	21
21	Expanding lipidomics coverage: effective ultra performance liquid chromatography-high resolution mass spectrometer methods for detection and quantitation of cardiolipin, phosphatidylglycerol, and lysyl-phosphatidylglycerol. Metabolomics, 2019, 15, 53.	3.0	18
22	Enterococcus faecalis Readily Adapts Membrane Phospholipid Composition to Environmental and Genetic Perturbation. Frontiers in Microbiology, 2021, 12, 616045.	3.5	14
23	Induction of Daptomycin Tolerance in Enterococcus faecalis by Fatty Acid Combinations. Applied and Environmental Microbiology, 2020, 86, .	3.1	11
24	Removal of peptidoglycan and inhibition of active cellular processes leads to daptomycin tolerance in Enterococcus faecalis. PLoS ONE, 2021, 16, e0254796.	2.5	7
25	Improved Growth of Escherichia coli in Aminoglycoside Antibiotics by the <i>zor-orz</i> Toxin-Antitoxin System. Journal of Bacteriology, 2022, 204, JB0040721.	2.2	5
26	Microcystin-LR does not induce alterations to transcriptomic or metabolomic profiles of a model heterotrophic bacterium. PLoS ONE, 2017, 12, e0189608.	2.5	4
27	Repression of small toxic protein synthesis by the Sib and OhsC small RNAs. Molecular Microbiology, 2008, 70, 1305-1305.	2.5	1
28	Novel Type I Toxin-Antitoxins Loci. , 2013, , 27-43.		0
29	Varied functions of small, nonâ€coding RNAs in bacteria. FASEB Journal, 2008, 22, 97.2.	0.5	0