Alexandra A Roberts

List of Publications by Year
in descending order

26 papers	978 citations	471371 17 h-index	526166 27 g-index
29 all docs	29 docs citations	29 times ranked	1536 citing authors

#	Article	IF	Citations
1	Non-detection of mycoviruses in amphibian chytrid fungus (Batrachochytrium dendrobatidis) from Australia. Fungal Biology, 2022, 126, 75-81.	1.1	7
2	The effects of fructose and metabolic inhibition on hepatocellular carcinoma. Scientific Reports, 2020, 10, 16769.	1.6	7
3	A Sweet Connection? Fructoseâ€™s Role in Hepatocellular Carcinoma. Biomolecules, 2020, 10, 496.	1.8	11
4	Susceptibility of frogs to chytridiomycosis correlates with increased levels of immunomodulatory serotonin in the skin. Cellular Microbiology, 2019, 21, e13089.	1.1	4
5	A rapid and inexpensive viability assay for zoospores and zoosporangia of Batrachochytrium dendrobatidis. Journal of Microbiological Methods, 2019, 165, 105688.	0.7	7
6	The efficacy and pharmacokinetics of terbinafine against the frog-killing fungus (Batrachochytrium dendrobatidis). Medical Mycology, 2019, 57, 204-214.	0.3	8
7	Using Terminal Transferase-mediated dUTP Nick End-labelling (TUNEL) and Caspase 3/7 Assays to Measure Epidermal Cell Death in Frogs with Chytridiomycosis. Journal of Visualized Experiments, 2018, , .	0.2	4
8	After the epidemic: Ongoing declines, stabilizations and recoveries in amphibians afflicted by chytridiomycosis. Biological Conservation, 2017, 206, 37-46.	1.9	101
9	Epidermal cell death in frogs with chytridiomycosis. PeerJ, 2017, 5, e2925.	0.9	19
10	History and recent progress on chytridiomycosis in amphibians. Fungal Ecology, 2016, 19, 89-99.	0.7	108
11	Molecular cross-talk between the liver and white adipose tissue links excessive noURIshment to hepatocellular carcinoma. Translational Cancer Research, 2016, 5, S1222-S1226.	0.4	5
12	Sulforaphane Protects the Liver against CdSe Quantum Dot-Induced Cytotoxicity. PLoS ONE, 2015, 10, e0138771.	1.1	22
13	Genome-Wide Transcriptome and Antioxidant Analyses on Gamma-Irradiated Phases of Deinococcus radiodurans R1. PLoS ONE, 2014, 9, e85649.	1.1	37
14	Importance of Bacillithiol in the Oxidative Stress Response of Staphylococcus aureus. Infection and Immunity, 2014, 82, 316-332.	1.0	70
15	Redox Regulation in Bacillus subtilis: The Bacilliredoxins BrxA(YphP) and BrxB(YqiW) Function in De-Bacillithiolation of S-Bacillithiolated OhrR and MetE. Antioxidants and Redox Signaling, 2014, 21, 357-367.	2.5	57
16	Biophysical Features of Bacillithiol, the Glutathione Surrogate of Bacillus subtilis and other Firmicutes. ChemBioChem, 2013, 14, 2160-2168.	1.3	62
17	Analysis of mutants disrupted in bacillithiol metabolism in Staphylococcus aureus. Biochemical and Biophysical Research Communications, 2013, 436, 128-133.	1.0	32
18	S-Bacillithiolation Protects Conserved and Essential Proteins Against Hypochlorite Stress inFirmicutesBacteria. Antioxidants and Redox Signaling, 2013, 18, 1273-1295.	2.5	88

#	Article	IF	Citations
19	Cross-functionalities of Bacillus deacetylases involved in bacillithiol biosynthesis and bacillithiol-S-conjugate detoxification pathways. Biochemical Journal, 2013, 454, 239-247.	1.7	21
20	Mechanistic studies of FosB: a divalent-metal-dependent bacillithiol-S-transferase that mediates fosfomycin resistance in Staphylococcus aureus. Biochemical Journal, 2013, 451, 69-79.	1.7	75
21	Iron acquisition in the marine actinomycete genusSalinisporais controlled by the desferrioxamine family of siderophores. FEMS Microbiology Letters, 2012, 335, 95-103.	0.7	36
22	Nodularin, a cyanobacterial toxin, is synthesized in planta by symbiotic Nostoc sp.. ISME Journal, 2012, 6, 1834-1847.	4.4	75
23	Chemical and Chemoenzymatic Syntheses of Bacillithiol: A Unique Lowâ€Molecularâ€Weight Thiol amongst Low Gâ€…+â€…C Gramâ€Positive Bacteria. Angewandte Chemie - International Edition, 2011, 50, 7101-7104.	7.2	45
24	Total (Bio)Synthesis: Strategies of Nature and of Chemists. Topics in Current Chemistry, 2010, 297, 149-203.	4.0	31
25	The Synechocystis sp. PCC6803 Sfpâ€Type Phosphopantetheinyl Transferase Does Not Possess Characteristic Broadâ€Range Activity. ChemBioChem, 2009, 10, 1869-1877.	1.3	18
26	Characterization of PPT Ns , a Cyanobacterial Phosphopantetheinyl Transferase from Nodularia spumigena NSOR10. Journal of Bacteriology, 2007, 189, 3133-3139.	1.0	23