

Alexandra A Roberts

List of Publications by Year in descending order

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26
papers

978
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471371

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docs citations

29
times ranked

1536
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#	ARTICLE	IF	CITATIONS
1	History and recent progress on chytridiomycosis in amphibians. <i>Fungal Ecology</i> , 2016, 19, 89-99.	0.7	108
2	After the epidemic: Ongoing declines, stabilizations and recoveries in amphibians afflicted by chytridiomycosis. <i>Biological Conservation</i> , 2017, 206, 37-46.	1.9	101
3	<i>S</i> -Bacillithiolation Protects Conserved and Essential Proteins Against Hypochlorite Stress in <i>Firmicutes</i> Bacteria. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1273-1295.	2.5	88
4	Nodularin, a cyanobacterial toxin, is synthesized <i>in planta</i> by symbiotic <i>Nostoc</i> sp.. <i>ISME Journal</i> , 2012, 6, 1834-1847.	4.4	75
5	Mechanistic studies of FosB: a divalent-metal-dependent bacillithiol-S-transferase that mediates fosfomycin resistance in <i>Staphylococcus aureus</i> . <i>Biochemical Journal</i> , 2013, 451, 69-79.	1.7	75
6	Importance of Bacillithiol in the Oxidative Stress Response of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2014, 82, 316-332.	1.0	70
7	Biophysical Features of Bacillithiol, the Glutathione Surrogate of <i>Bacillus subtilis</i> and other <i>Firmicutes</i> . <i>ChemBioChem</i> , 2013, 14, 2160-2168.	1.3	62
8	Redox Regulation in <i>Bacillus subtilis</i> : The Bacilliredoxins BrxA(YphP) and BrxB(YqiW) Function in De-Bacillithiolation of <i>S</i> -Bacillithiolated OhrR and MetE. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 357-367.	2.5	57
9	Chemical and Chemoenzymatic Syntheses of Bacillithiol: A Unique Low Molecular Weight Thiol amongst Low α -C Gram Positive Bacteria. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7101-7104.	7.2	45
10	Genome-Wide Transcriptome and Antioxidant Analyses on Gamma-Irradiated Phases of <i>Deinococcus radiodurans</i> R1. <i>PLoS ONE</i> , 2014, 9, e85649.	1.1	37
11	Iron acquisition in the marine actinomycete genus <i>Salinispora</i> is controlled by the desferrioxamine family of siderophores. <i>FEMS Microbiology Letters</i> , 2012, 335, 95-103.	0.7	36
12	Analysis of mutants disrupted in bacillithiol metabolism in <i>Staphylococcus aureus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 128-133.	1.0	32
13	Total (Bio)Synthesis: Strategies of Nature and of Chemists. <i>Topics in Current Chemistry</i> , 2010, 297, 149-203.	4.0	31
14	Characterization of PPT Ns, a Cyanobacterial Phosphopantetheinyl Transferase from <i>Nodularia spumigena</i> NSOR10. <i>Journal of Bacteriology</i> , 2007, 189, 3133-3139.	1.0	23
15	Sulforaphane Protects the Liver against CdSe Quantum Dot-Induced Cytotoxicity. <i>PLoS ONE</i> , 2015, 10, e0138771.	1.1	22
16	Cross-functionalities of <i>Bacillus</i> deacetylases involved in bacillithiol biosynthesis and bacillithiol-S-conjugate detoxification pathways. <i>Biochemical Journal</i> , 2013, 454, 239-247.	1.7	21
17	Epidermal cell death in frogs with chytridiomycosis. <i>PeerJ</i> , 2017, 5, e2925.	0.9	19
18	The <i>Synechocystis</i> sp. PCC6803 Sfp-type Phosphopantetheinyl Transferase Does Not Possess Characteristic Broad Range Activity. <i>ChemBioChem</i> , 2009, 10, 1869-1877.	1.3	18

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19	A Sweet Connection? Fructose's Role in Hepatocellular Carcinoma. <i>Biomolecules</i> , 2020, 10, 496.	1.8	11
20	The efficacy and pharmacokinetics of terbinafine against the frog-killing fungus (<i>Batrachochytrium dendrobatidis</i>). <i>Medical Mycology</i> , 2019, 57, 204-214.	0.3	8
21	A rapid and inexpensive viability assay for zoospores and zoosporangia of <i>Batrachochytrium dendrobatidis</i> . <i>Journal of Microbiological Methods</i> , 2019, 165, 105688.	0.7	7
22	The effects of fructose and metabolic inhibition on hepatocellular carcinoma. <i>Scientific Reports</i> , 2020, 10, 16769.	1.6	7
23	Non-detection of mycoviruses in amphibian chytrid fungus (<i>Batrachochytrium dendrobatidis</i>) from Australia. <i>Fungal Biology</i> , 2022, 126, 75-81.	1.1	7
24	Molecular cross-talk between the liver and white adipose tissue links excessive nourishment to hepatocellular carcinoma. <i>Translational Cancer Research</i> , 2016, 5, S1222-S1226.	0.4	5
25	Using Terminal Transferase-mediated dUTP Nick End-labelling (TUNEL) and Caspase 3/7 Assays to Measure Epidermal Cell Death in Frogs with Chytridiomycosis. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
26	Susceptibility of frogs to chytridiomycosis correlates with increased levels of immunomodulatory serotonin in the skin. <i>Cellular Microbiology</i> , 2019, 21, e13089.	1.1	4