

Gary K Robinson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

772
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

990
citing authors

#	ARTICLE	IF	CITATIONS
1	The polyene antifungal candicidin is selectively packaged into membrane vesicles in <i>Streptomyces</i> S4. <i>Archives of Microbiology</i> , 2022, 204, 289.	2.2	3
2	Reciprocal Packaging of the Main Structural Proteins of Type 1 Fimbriae and Flagella in the Outer Membrane Vesicles of "Wild Type" <i>Escherichia coli</i> Strains. <i>Frontiers in Microbiology</i> , 2021, 12, 557455.	3.5	8
3	Parallel bioreactor system for accessible and reproducible anaerobic culture. <i>Access Microbiology</i> , 2021, 3, 000225.	0.5	1
4	Repurposing in vitro approaches for screening anti-parasitic drugs against the brain-eating amoeba <i>Naegleria fowleri</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 204-212.	3.4	2
5	Deletion of glyceraldehyde-3-phosphate dehydrogenase (<i>gapN</i>) in <i>Clostridium saccharoperbutylacetonicum</i> N114(HMT) using CLEAVE ₂ increases the ATP pool and accelerates solvent production. <i>Microbial Biotechnology</i> , 2021, , .	4.2	1
6	Numerical Analysis of a Photonic Crystal Fiber for Biosensing Applications. <i>IEEE Journal of Quantum Electronics</i> , 2012, 48, 1403-1410.	1.9	282
7	Passive Control of Quorum Sensing: Prevention of <i>Pseudomonas aeruginosa</i> Biofilm Formation by Imprinted Polymers. <i>Biomacromolecules</i> , 2011, 12, 1067-1071.	5.4	55
8	CO ₂ Acts as a Signalling Molecule in Populations of the Fungal Pathogen <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2010, 6, e1001193.	4.7	104
9	Attenuation of <i>Vibrio fischeri</i> Quorum Sensing Using Rationally Designed Polymers. <i>Biomacromolecules</i> , 2010, 11, 975-980.	5.4	41
10	Aerobic mineralization of 4,4'-dichlorobiphenyl and 4-chlorobenzoic acid by a novel natural bacterial strain that grows poorly on benzoate and biphenyl. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 1259-1265.	3.6	10
11	Degradation and mineralization of 2-chloro-, 3-chloro- and 4-chlorobiphenyl by a newly characterized natural bacterial strain isolated from an electrical transformer fluid-contaminated soil. <i>Journal of Environmental Sciences</i> , 2008, 20, 1250-1257.	6.1	18
12	Monitoring changes in nisin susceptibility of <i>Listeria monocytogenes</i> Scott A as an indicator of growth phase using FACS. <i>Journal of Microbiological Methods</i> , 2006, 66, 43-55.	1.6	11
13	Effect of the polycyclic aromatic hydrocarbon, benzopyrene, on the intracellular protein composition of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> . <i>International Biodeterioration and Biodegradation</i> , 2005, 55, 171-174.	3.9	5
14	Polycyclic aromatic hydrocarbons storage by <i>Fusarium solani</i> in intracellular lipid vesicles. <i>Environmental Pollution</i> , 2005, 133, 283-291.	7.5	70
15	Global changes in gene expression observed at the transition from growth to stationary phase in <i>Listeria monocytogenes</i> Scott A batch culture. <i>Proteomics</i> , 2004, 4, 123-135.	2.2	13
16	The pancreas-specific protein disulphide-isomerase PDip interacts with a hydroxyaryl group in ligands. <i>Biochemical Journal</i> , 2001, 354, 553.	3.7	21
17	Biocatalysts for clean industrial products and processes. <i>Current Opinion in Microbiology</i> , 1999, 2, 246-251.	5.1	53
18	Sacred "A novel catalytic process for the environmental remediation of polychlorinated biphenyls (PCBS). <i>Chemosphere</i> , 1999, 38, 1889-1900.	8.2	14

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19	Environmental biotechnology: monitoring, mobilizing and mineralizing pollution. Trends in Biotechnology, 1997, 15, 280-282.	9.3	0
20	Influence of chlorobenzoates on the utilisation of chlorobiphenyls and chlorobenzoate mixtures by chlorobiphenyl/chlorobenzoate-mineralising hybrid bacterial strains. Archives of Microbiology, 1996, 165, 213-218.	2.2	44
21	The dechlorination and degradation of Aroclor 1242. International Biodeterioration and Biodegradation, 1996, 38, 61-67.	3.9	13
22	Influence of chlorobenzoates on the utilisation of chlorobiphenyls and chlorobenzoate mixtures by chlorobiphenyl/chlorobenzoate-mineralising hybrid bacterial strains. Archives of Microbiology, 1996, 165, 213-218.	2.2	3