

# Gary K Robinson

## List of Publications by Year in descending order

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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	Numerical Analysis of a Photonic Crystal Fiber for Biosensing Applications. IEEE Journal of Quantum Electronics, 2012, 48, 1403-1410.	1.9	282
2	CO2 Acts as a Signalling Molecule in Populations of the Fungal Pathogen <i>Candida albicans</i> . PLoS Pathogens, 2010, 6, e1001193.	4.7	104
3	Polycyclic aromatic hydrocarbons storage by <i>Fusarium solani</i> in intracellular lipid vesicles. Environmental Pollution, 2005, 133, 283-291.	7.5	70
4	Passive Control of Quorum Sensing: Prevention of <i>Pseudomonas aeruginosa</i> Biofilm Formation by Imprinted Polymers. Biomacromolecules, 2011, 12, 1067-1071.	5.4	55
5	Biocatalysts for clean industrial products and processes. Current Opinion in Microbiology, 1999, 2, 246-251.	5.1	53
6	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
7	Attenuation of <i>Vibrio fischeri</i> Quorum Sensing Using Rationally Designed Polymers. Biomacromolecules, 2010, 11, 975-980.	5.4	41
8	The pancreas-specific protein disulphide-isomerase PDip interacts with a hydroxyaryl group in ligands. Biochemical Journal, 2001, 354, 553.	3.7	21
9	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. Journal of Environmental Sciences, 2008, 20, 1250-1257.	6.1	18
10	Sacred "A novel catalytic process for the environmental remediation of polychlorinated biphenyls (PCBS). Chemosphere, 1999, 38, 1889-1900.	8.2	14
11	The dechlorination and degradation of Aroclor 1242. International Biodeterioration and Biodegradation, 1996, 38, 61-67.	3.9	13
12	Global changes in gene expression observed at the transition from growth to stationary phase in <i>Listeria monocytogenes</i> ScottA batch culture. Proteomics, 2004, 4, 123-135.	2.2	13
13	Monitoring changes in nisin susceptibility of <i>Listeria monocytogenes</i> Scott A as an indicator of growth phase using FACS. Journal of Microbiological Methods, 2006, 66, 43-55.	1.6	11
14	Aerobic mineralization of 4,4'-dichlorobiphenyl and 4-chlorobenzoic acid by a novel natural bacterial strain that grows poorly on benzoate and biphenyl. World Journal of Microbiology and Biotechnology, 2008, 24, 1259-1265.	3.6	10
15	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. Frontiers in Microbiology, 2021, 12, 557455.	3.5	8
16	Effect of the polycyclic aromatic hydrocarbon, benzopyrene, on the intracellular protein composition of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> . International Biodeterioration and Biodegradation, 2005, 55, 171-174.	3.9	5
17	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
18	The polyene antifungal candidicin is selectively packaged into membrane vesicles in <i>Streptomyces</i> S4. Archives of Microbiology, 2022, 204, 289.	2.2	3

#	ARTICLE	IF	CITATIONS
19	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
20	Parallel bioreactor system for accessible and reproducible anaerobic culture. <i>Access Microbiology</i> , 2021, 3, 000225.	0.5	1
21	Deletion of glyceraldehyde-3-phosphate dehydrogenase ( <i>gapN</i> ) in <i>Clostridium saccharoperbutylacetonicum</i> N1 (HMT) using CLEAVE <sub>2</sub> increases the ATP pool and accelerates solvent production. <i>Microbial Biotechnology</i> , 2021, , .	4.2	1
22	Environmental biotechnology: monitoring, mobilizing and mineralizing pollution. <i>Trends in Biotechnology</i> , 1997, 15, 280-282.	9.3	0