

Govindan Rajamohan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,087
citations

706676

14
h-index

721071

23
g-index

26
all docs

26
docs citations

26
times ranked

1364
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotypic and Phenotypic Characterization of Novel Sequence Types of Carbapenem-Resistant <i>Acinetobacter baumannii</i> , With Heterogeneous Resistance Determinants and Targeted Variations in Efflux Operons. <i>Frontiers in Microbiology</i> , 2021, 12, 738371.	1.5	1
2	Protein phosphorylation mechanisms: a novel paradigm of antimicrobial resistance in <i>critical threat</i> pathogens. <i>Future Microbiology</i> , 2020, 15, 837-840.	1.0	1
3	Comparative genome analysis and characterization of a MDR <i>Klebsiella variicola</i> . <i>Genomics</i> , 2020, 112, 3179-3190.	1.3	11
4	Genome analysis of urease positive <i>Serratia marcescens</i> , co-producing SRT-2 and AAC(6)-Ic with multidrug efflux pumps for antimicrobial resistance. <i>Genomics</i> , 2019, 111, 653-660.	1.3	10
5	Disinfectants Amend the Expression of Membrane Bound Efflux Transporters to Augment Antimicrobial Resistance. , 2019, , 19-38.		1
6	Antimicrobial Resistance in Microbes: Mode of Action of TolC Like Protein and Their Mechanism of Regulating Stress Resistance and Physiology. , 2019, , 141-160.		0
7	Genome sequence and comparative analysis of <i>Bacillus cereus</i> BC04, reveals genetic diversity and alterations for antimicrobial resistance. <i>Functional and Integrative Genomics</i> , 2018, 18, 477-487.	1.4	4
8	Occurrence of Diverse Antimicrobial Resistance Determinants in Genetically Unrelated Biocide Tolerant <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2016, 11, e0166730.	1.1	6
9	AbuO, a TolC-Like Outer Membrane Protein of <i>Acinetobacter baumannii</i> , Is Involved in Antimicrobial and Oxidative Stress Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1236-1245.	1.4	54
10	Functional Characterization of AbeD, an RND-Type Membrane Transporter in Antimicrobial Resistance in <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 2015, 10, e0141314.	1.1	21
11	Role of Novel Multidrug Efflux Pump Involved in Drug Resistance in <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2014, 9, e96288.	1.1	83
12	Role of oxyR KP, a novel LysR-family transcriptional regulator, in antimicrobial resistance and virulence in <i>Klebsiella pneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 1301-1314.	0.7	32
13	KpnEF, a New Member of the <i>Klebsiella pneumoniae</i> Cell Envelope Stress Response Regulon, Is an SMR-Type Efflux Pump Involved in Broad-Spectrum Antimicrobial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4449-4462.	1.4	146
14	Functional characterization of a novel Mn ²⁺ dependent protein serine/threonine kinase KpnK, produced by <i>Klebsiella pneumoniae</i> strain MGH78578. <i>FEBS Letters</i> , 2012, 586, 3778-3786.	1.3	10
15	Role of the Two Component Signal Transduction System CpxAR in Conferring Cefepime and Chloramphenicol Resistance in <i>Klebsiella pneumoniae</i> NTUH-K2044. <i>PLoS ONE</i> , 2012, 7, e33777.	1.1	87
16	Functional Characterization of a Novel Outer Membrane Porin KpnO, Regulated by PhoBR Two-Component System in <i>Klebsiella pneumoniae</i> NTUH-K2044. <i>PLoS ONE</i> , 2012, 7, e41505.	1.1	52
17	Intermolecular interactions in staphylokinase-plasmin(ogen) bimolecular complex: Function of His43 and Tyr44. <i>FEBS Letters</i> , 2011, 585, 1814-1820.	1.3	10
18	Molecular cloning and functional characterization of two novel membrane fusion proteins in conferring antimicrobial resistance in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 499-504.	1.3	14

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19	Novel role of <i>Acinetobacter baumannii</i> RND efflux transporters in mediating decreased susceptibility to biocides. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 228-232.	1.3	93
20	Molecular and functional characterization of a novel efflux pump, AmvA, mediating antimicrobial and disinfectant resistance in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1919-1925.	1.3	104
21	Role of AbeS, a Novel Efflux Pump of the SMR Family of Transporters, in Resistance to Antimicrobial Agents in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5312-5316.	1.4	131
22	Genetic relatedness and molecular characterization of multidrug resistant <i>Acinetobacter baumannii</i> isolated in central Ohio, USA. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2009, 8, 21.	1.7	68
23	Intracellular growth and survival of <i>Salmonella enterica</i> serovar Typhimurium carrying truncated hemoglobins of <i>Mycobacterium tuberculosis</i> . <i>Microbial Pathogenesis</i> , 2007, 42, 119-128.	1.3	28
24	<i>Mycobacterium tuberculosis</i> Hemoglobin HbO Associates with Membranes and Stimulates Cellular Respiration of Recombinant <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 15293-15302.	1.6	67
25	Function of the 90-loop (Thr90-Glu100) region of staphylokinase in plasminogen activation probed through site-directed mutagenesis and loop deletion. <i>Biochemical Journal</i> , 2002, 365, 379-389.	1.7	53