

S L Rajasekhar Karna

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

553
citations

687363

13
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642732

23
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26
all docs

26
docs citations

26
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	RsmW, <i>Pseudomonas aeruginosa</i> small non-coding RsmA-binding RNA upregulated in biofilm versus planktonic growth conditions. <i>BMC Microbiology</i> , 2016, 16, 155.	3.3	76
2	<i>Borrelia</i> host adaptation regulator (<i>BadR</i>) regulates <i>rpoS</i> to modulate host adaptation and virulence factors in <i>Borrelia burgdorferi</i> . <i>Molecular Microbiology</i> , 2013, 88, 105-124.	2.5	75
3	CsrA Modulates Levels of Lipoproteins and Key Regulators of Gene Expression Critical for Pathogenic Mechanisms of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2011, 79, 732-744.	2.2	59
4	Effect of Levels of Acetate on the Mevalonate Pathway of <i>Borrelia burgdorferi</i> . <i>PLoS ONE</i> , 2012, 7, e38171.	2.5	50
5	Formation of <i>Pseudomonas aeruginosa</i> Biofilms in Full-thickness Scald Burn Wounds in Rats. <i>Scientific Reports</i> , 2019, 9, 13627.	3.3	41
6	Global transcriptome responses including small RNAs during mixed-species interactions with methicillin-resistant <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2017, 6, e00427.	3.0	33
7	Oligopeptide Permease A5 Modulates Vertebrate Host-Specific Adaptation of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2011, 79, 3407-3420.	2.2	31
8	Development of <i>Pseudomonas aeruginosa</i> Biofilms in Partial-Thickness Burn Wounds Using a Sprague-Dawley Rat Model. <i>Journal of Burn Care and Research</i> , 2019, 40, 44-57.	0.4	26
9	Contributions of Environmental Signals and Conserved Residues to the Functions of Carbon Storage Regulator A of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2013, 81, 2972-2985.	2.2	21
10	Short-Chain Fatty Acids Alter Metabolic and Virulence Attributes of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2018, 86, .	2.2	17
11	A bacterial two-hybrid system that utilizes Gateway cloning for rapid screening of protein-protein interactions. <i>BioTechniques</i> , 2010, 49, 831-833.	1.8	16
12	Statins reduce spirochetal burden and modulate immune responses in the C3H/HeN mouse model of Lyme disease. <i>Microbes and Infection</i> , 2016, 18, 430-435.	1.9	16
13	Spermine and Spermidine Alter Gene Expression and Antigenic Profile of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	16
14	<i>Pseudomonas aeruginosa</i> transcriptome adaptations from colonization to biofilm infection of skin wounds. <i>Scientific Reports</i> , 2021, 11, 20632.	3.3	16
15	RNA-Seq Transcriptomic Responses of Full-Thickness Dermal Excision Wounds to <i>Pseudomonas aeruginosa</i> Acute and Biofilm Infection. <i>PLoS ONE</i> , 2016, 11, e0165312.	2.5	13
16	Genome Sequence of a Virulent <i>Pseudomonas aeruginosa</i> Strain, 12-4-4(59), Isolated from the Blood Culture of a Burn Patient. <i>Genome Announcements</i> , 2016, 4, .	0.8	11
17	Effect of <i>Leucas aspera</i> on hepatotoxicity in rats. <i>Indian Journal of Pharmacology</i> , 2005, 37, 329.	0.7	8
18	<i>Borrelia</i> Host Adaptation Protein (<i>BadP</i>) Is Required for the Colonization of a Mammalian Host by the Agent of Lyme Disease. <i>Infection and Immunity</i> , 2018, 86, .	2.2	7

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19	The impact of simultaneous inoculation of <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> , and <i>Candida albicans</i> on rodent burn wounds. <i>Burns</i> , 2021, 47, 1818-1832.	1.9	5
20	Comparative Transcriptome Analysis of Superficial and Deep Partial-Thickness Burn Wounds in Yorkshire vs Red Duroc Pigs. <i>Journal of Burn Care and Research</i> , 2022, 43, 1299-1311.	0.4	4
21	Whole-Genome Sequence of Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Strain BAMCPA07-48, Isolated from a Combat Injury Wound. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
22	T3SS and alginate biosynthesis of <i>Pseudomonas aeruginosa</i> impair healing of infected rabbit wounds. <i>Microbial Pathogenesis</i> , 2020, 147, 104254.	2.9	3
23	<i>Borrelia</i> peptidoglycan interacting Protein (BpiP) contributes to the fitness of <i>Borrelia burgdorferi</i> against host-derived factors and influences virulence in mouse models of Lyme disease. <i>PLoS Pathogens</i> , 2021, 17, e1009535.	4.7	3
24	Analysis of DNA and RNA Binding Properties of <i>Borrelia burgdorferi</i> Regulatory Proteins. <i>Methods in Molecular Biology</i> , 2018, 1690, 155-175.	0.9	2
25	Divulging the Complexities of Deep Partial- and Full-Thickness Burn Wounds Afflicted by <i>Staphylococcus Aureus</i> Biofilms in a Rat Burn Model. <i>European Journal of Burn Care</i> , 2021, 2, 106-124.	0.8	1
26	Creation of deletion and insertion clonal complex 8 <i>Staphylococcus aureus</i> mutants using a common cloning vector. <i>Journal of Microbiological Methods</i> , 2018, 149, 101-105.	1.6	0