S L Rajasekhar Karna

List of Publications by Year
in descending order

26 papers	553 citations	687363 13 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	581 citing authors

#	Article	IF	Citations
1	Comparative Transcriptome Analysis of Superficial and Deep Partial-Thickness Burn Wounds in Yorkshire vs Red Duroc Pigs. Journal of Burn Care and Research, 2022, 43, 1299-1311.	0.4	4
2	The impact of simultaneous inoculation of Pseudomonas aeruginosa, Staphylococcus aureus, and Candida albicans on rodent burn wounds. Burns, 2021, 47, 1818-1832.	1.9	5
3	Borrelia peptidoglycan interacting Protein (BpiP) contributes to the fitness of Borrelia burgdorferi against host-derived factors and influences virulence in mouse models of Lyme disease. PLoS Pathogens, 2021, 17, e1009535.	4.7	3
4	Divulging the Complexities of Deep Partial- and Full-Thickness Burn Wounds Afflicted by Staphylococcus Aureus Biofilms in a Rat Burn Model. European Journal of Burn Care, 2021, 2, 106-124.	0.8	1
5	Pseudomonas aeruginosa transcriptome adaptations from colonization to biofilm infection of skin wounds. Scientific Reports, 2021, 11, 20632.	3.3	16
6	T3SS and alginate biosynthesis of Pseudomonas aeruginosa impair healing of infected rabbit wounds. Microbial Pathogenesis, 2020, 147, 104254.	2.9	3
7	Development ofPseudomonas aeruginosaBiofilms in Partial-Thickness Burn Wounds Using a Sprague-Dawley Rat Model. Journal of Burn Care and Research, 2019, 40, 44-57.	0.4	26
8	Formation of Pseudomonas aeruginosa Biofilms in Full-thickness Scald Burn Wounds in Rats. Scientific Reports, 2019, 9, 13627.	3.3	41
9	Borrelia Host Adaptation Protein (BadP) Is Required for the Colonization of a Mammalian Host by the Agent of Lyme Disease. Infection and Immunity, 2018, 86, .	2.2	7
10	Analysis of DNA and RNA Binding Properties of Borrelia burgdorferi Regulatory Proteins. Methods in Molecular Biology, 2018, 1690, 155-175.	0.9	2
11	Creation of deletion and insertion clonal complex 8 Staphylococcus aureus mutants using a common cloning vector. Journal of Microbiological Methods, 2018, 149, 101-105.	1.6	0
12	Short-Chain Fatty Acids Alter Metabolic and Virulence Attributes of Borrelia burgdorferi. Infection and Immunity, 2018, 86, .	2.2	17
13	Spermine and Spermidine Alter Gene Expression and Antigenic Profile of Borrelia burgdorferi. Infection and Immunity, 2017, 85, .	2.2	16
14	Global transcriptome responses including small RNAs during mixedâ€ŧspecies interactions with methicillinâ€ŧresistant Staphylococcus aureus and Pseudomonas aeruginosa. MicrobiologyOpen, 2017, 6, e00427.	3.0	33
15	Genome Sequence of a Virulent Pseudomonas aeruginosa Strain, 12-4-4(59), Isolated from the Blood Culture of a Burn Patient. Genome Announcements, 2016, 4, .	0.8	11
16	RsmW, Pseudomonas aeruginosa small non-coding RsmA-binding RNA upregulated in biofilm versus planktonic growth conditions. BMC Microbiology, 2016, 16, 155.	3.3	76
17	Whole-Genome Sequence of Multidrug-Resistant Pseudomonas aeruginosa Strain BAMCPA07-48, Isolated from a Combat Injury Wound. Genome Announcements, 2016, 4, .	0.8	3
18	Statins reduce spirochetal burden and modulate immune responses in the C3H/HeN mouse model of Lyme disease. Microbes and Infection, 2016, 18, 430-435.	1.9	16

#	Article	IF	Citations
19	RNA-Seq Transcriptomic Responses of Full-Thickness Dermal Excision Wounds to Pseudomonas aeruginosa Acute and Biofilm Infection. PLoS ONE, 2016, 11, e0165312.	2.5	13
20	Contributions of Environmental Signals and Conserved Residues to the Functions of Carbon Storage Regulator A of Borrelia burgdorferi. Infection and Immunity, 2013, 81, 2972-2985.	2.2	21
21	Borrelia host adaptation <scp>R</scp>egulator (<scp>BadR</scp>) regulates <scp>rpoS</scp> to modulate host adaptation and virulence factors in <scp>B</scp>orrelia burgdorferi. Molecular Microbiology, 2013, 88, 105-124.	2.5	75
22	Effect of Levels of Acetate on the Mevalonate Pathway of Borrelia burgdorferi. PLoS ONE, 2012, 7, e38171.	2.5	50
23	CsrA Modulates Levels of Lipoproteins and Key Regulators of Gene Expression Critical for Pathogenic Mechanisms of Borrelia burgdorferi. Infection and Immunity, 2011, 79, 732-744.	2.2	59
24	Oligopeptide Permease A5 Modulates Vertebrate Host-Specific Adaptation of Borrelia burgdorferi. Infection and Immunity, 2011, 79, 3407-3420.	2.2	31
25	A bacterial two-hybrid system that utilizes Gateway cloning for rapid screening of protein-protein interactions. BioTechniques, 2010, 49, 831-833.	1.8	16
26	Effect of Leucas aspera on hepatotoxicity in rats. Indian Journal of Pharmacology, 2005, 37, 329.	0.7	8