

Balamurugan Periaswamy

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,839
citations

623734

14
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

3583
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the human protein interactome and comparison with yeast, worm and fly interaction datasets. <i>Nature Genetics</i> , 2006, 38, 285-293.	21.4	433
2	A curated compendium of phosphorylation motifs. <i>Nature Biotechnology</i> , 2007, 25, 285-286.	17.5	345
3	A macromolecular approach to eradicate multidrug resistant bacterial infections while mitigating drug resistance onset. <i>Nature Communications</i> , 2018, 9, 917.	12.8	261
4	An evaluation of human protein-protein interaction data in the public domain. <i>BMC Bioinformatics</i> , 2006, 7, S19.	2.6	201
5	Microbiota-Derived Hydrogen Fuels <i>Salmonella</i> Typhimurium Invasion of the Gut Ecosystem. <i>Cell Host and Microbe</i> , 2013, 14, 641-651.	11.0	145
6	Enhanced CellClassifier: a multi-class classification tool for microscopy images. <i>BMC Bioinformatics</i> , 2010, 11, 30.	2.6	78
7	<i>Salmonella enterica</i> Serovar Typhimurium Binds to HeLa Cells via Fim-Mediated Reversible Adhesion and Irreversible Type Three Secretion System 1-Mediated Docking. <i>Infection and Immunity</i> , 2011, 79, 330-341.	2.2	78
8	Granulocytes Impose a Tight Bottleneck upon the Gut Luminal Pathogen Population during <i>Salmonella</i> Typhimurium Colitis. <i>PLoS Pathogens</i> , 2014, 10, e1004557.	4.7	73
9	Point mutations in the major outer membrane protein drive hypervirulence of a rapidly expanding clone of <i>Campylobacter jejuni</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10690-10695.	7.1	56
10	A Macromolecule Reversing Antibiotic Resistance Phenotype and Repurposing Drugs as Potent Antibiotics. <i>Advanced Science</i> , 2020, 7, 2001374.	11.2	53
11	Identification of Novel Phosphorylation Motifs Through an Integrative Computational and Experimental Analysis of the Human Phosphoproteome. <i>Journal of Proteomics and Bioinformatics</i> , 2011, 04, 22-35.	0.4	31
12	A Novel Phage Element of <i>Salmonella enterica</i> Serovar Enteritidis P125109 Contributes to Accelerated Type III Secretion System 2-Dependent Early Inflammation Kinetics in a Mouse Colitis Model. <i>Infection and Immunity</i> , 2012, 80, 3236-3246.	2.2	26
13	Accelerated Type III Secretion System 2-Dependent Enteropathogenesis by a <i>Salmonella enterica</i> Serovar Enteritidis PT4/6 Strain. <i>Infection and Immunity</i> , 2009, 77, 3569-3577.	2.2	25
14	Live Attenuated <i>S. Typhimurium</i> Vaccine with Improved Safety in Immuno-Compromised Mice. <i>PLoS ONE</i> , 2012, 7, e45433.	2.5	25
15	Putative Integrative Mobile Elements That Exploit the Xer Recombination Machinery Carrying <i>bla</i> _{IMI} -Type Carbapenemase Genes in <i>Enterobacter cloacae</i> Complex Isolates in Singapore. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	8
16	Comprehensive Identification of Fim-Mediated Inversions in Uropathogenic <i>Escherichia coli</i> with Structural Variation Detection Using Relative Entropy. <i>MSphere</i> , 2019, 4, .	2.9	1
17	Draft Genome Sequence of Singapore <i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> Isolate DS32358_14, Which Contains the Carbapenemase Gene <i>bla</i> _{VIM-1} . <i>Genome Announcements</i> , 2018, 6, .	0.8	0