

Ramakrishnan Sitaraman

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

714
citations

687363

13
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	A family of phase-variable restriction enzymes with differing specificities generated by high-frequency gene rearrangements. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13923-13928.	7.1	128
2	Aging and the human gut microbiota— from correlation to causality. Frontiers in Microbiology, 2014, 5, 764.	3.5	122
3	Genome Engineering in <i>Bacillus anthracis</i> Using Cre Recombinase. Infection and Immunity, 2006, 74, 682-693.	2.2	77
4	Prokaryotic horizontal gene transfer within the human holobiont: ecological-evolutionary inferences, implications and possibilities. Microbiome, 2018, 6, 163.	11.1	48
5	A unique, bifunctional site-specific DNA recombinase from <i>Mycoplasma pulmonis</i> . Molecular Microbiology, 2002, 46, 1033-1040.	2.5	46
6	<i>Pseudomonas</i> spp. as models for plant-microbe interactions. Frontiers in Plant Science, 2015, 6, 787.	3.6	45
7	The <i>hsd</i> loci of <i>Mycoplasma pulmonis</i> : organization, rearrangements and expression of genes. Molecular Microbiology, 1997, 26, 109-120.	2.5	44
8	The Role of DNA Restriction-Modification Systems in the Biology of <i>Bacillus anthracis</i> . Frontiers in Microbiology, 2016, 7, 11.	3.5	35
9	The Chromosomal <i>parDE2</i> Toxin-Antitoxin System of <i>Mycobacterium tuberculosis</i> H37Rv: Genetic and Functional Characterization. Frontiers in Microbiology, 2016, 7, 886.	3.5	29
10	Osmoregulation in <i>Saccharomyces cerevisiae</i> via mechanisms other than the high-osmolarity glycerol pathway. Microbiology (United Kingdom), 2016, 162, 1511-1526.	1.8	29
11	<i>Helicobacter pylori</i> DNA methyltransferases and the epigenetic field effect in cancerization. Frontiers in Microbiology, 2014, 5, 115.	3.5	24
12	Methylation-dependent DNA restriction in <i>Bacillus anthracis</i> . Gene, 2012, 494, 44-50.	2.2	16
13	Dengue Virus Non-Structural Protein 5 as a Versatile, Multi-Functional Effector in Host-Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2021, 11, 574067.	3.9	16
14	Phospholipid catabolism by gut microbiota and the risk of cardiovascular disease. Journal of Medical Microbiology, 2013, 62, 948-950.	1.8	15
15	Allergies, <i>Helicobacter pylori</i> and the continental enigmas. Frontiers in Microbiology, 2015, 6, 578.	3.5	12
16	Cell-Associated Hemolysis Induced by <i>Helicobacter pylori</i> Is Mediated by Phospholipases with Mitogen-Activated Protein Kinase-Activating Properties. Journal of Clinical Microbiology, 2012, 50, 1014-1018.	3.9	7
17	Osmoregulation and the human mycobiome. Frontiers in Microbiology, 2014, 5, 167.	3.5	7
18	From Bedside to Blackboard: the benefits of teaching molecular biology within a medical context. Perspectives in Biology and Medicine, 2012, 55, 461-466.	0.5	4

#	ARTICLE	IF	CITATIONS
19	A Pediatric Case of Accidental Eucalyptus Oil Poisoning from New Delhi, India: Emergency Measures, Historical Context, and Implications for Practice. <i>Cureus</i> , 2019, 11, e5734.	0.5	3
20	A lesson plan for the enhancement of training and research in academia by the adaptation and adoption of good laboratory practice guidelines. <i>Biochemistry and Molecular Biology Education</i> , 2010, 38, 365-369.	1.2	2
21	The treasure of the humble: Lessons from Baker's yeast. <i>Biochemistry and Molecular Biology Education</i> , 2011, 39, 261-266.	1.2	2
22	On the Tacit Aspects of Science Pedagogy in Higher Education. <i>Frontiers in Psychology</i> , 2017, 8, 656.	2.1	2
23	Restriction-Modification Systems and Chromosomal Rearrangements in <i>Mycoplasmas</i> . , 2002, , 371-390.		1
24	The value of vitalism and Schrodinger's 'What is Life?' in the contemporary classroom. <i>Biochemistry and Molecular Biology Education</i> , 2009, 37, 152-155.	1.2	0
25	Remembering the forest while viewing the trees: Evolutionary thinking in the teaching of molecular biology. <i>Biochemistry and Molecular Biology Education</i> , 2014, 42, 162-164.	1.2	0
26	The Impact of Bacterial Quorum Sensing Signal Molecules on Animal Hosts: Paradigms and Perspectives. <i>ACS Symposium Series</i> , 2020, , 277-289.	0.5	0
27	Avoiding Lessening Lessons: Proctored Online Open-book Examinations for Post-graduate Molecular Biology Courses Using Office Forms. , 0, , .		0
28	The First Paper in Bioinformatics?. <i>Microbe Magazine</i> , 2009, 4, 485-486.	0.4	0
29	The Role of Constructive Neutral Evolution in the Development of Complexity from Symbioses: A Microbe-Centric View. <i>Results and Problems in Cell Differentiation</i> , 2020, 69, 225-235.	0.7	0
30	Bacterial Quorum- sensing Signal Molecules as Potential Inhibitors of Cytokine Storms in COVID-19. <i>The Open Covid Journal</i> , 2021, 1, 162-165.	0.2	0
31	Impact of personalized medicine on diagnostics and therapeutics. <i>The National Medical Journal of India</i> , 2010, 23, 124.	0.3	0