

# Ramakrishnan Sitaraman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4586945/publications.pdf>

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	Dengue Virus Non-Structural Protein 5 as a Versatile, Multi-Functional Effector in Host-Pathogen Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 574067.	3.9	16
2	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
3	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
4	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
5	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
6	Prokaryotic horizontal gene transfer within the human holobiont: ecological-evolutionary inferences, implications and possibilities. <i>Microbiome</i> , 2018, 6, 163.	11.1	48
7	On the Tacit Aspects of Science Pedagogy in Higher Education. <i>Frontiers in Psychology</i> , 2017, 8, 656.	2.1	2
8	The Role of DNA Restriction-Modification Systems in the Biology of <i>Bacillus anthracis</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 11.	3.5	35
9	The Chromosomal parDE2 Toxin-Antitoxin System of <i>Mycobacterium tuberculosis</i> H37Rv: Genetic and Functional Characterization. <i>Frontiers in Microbiology</i> , 2016, 7, 886.	3.5	29
10	Osmoregulation in <i>Saccharomyces cerevisiae</i> via mechanisms other than the high-osmolarity glycerol pathway. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1511-1526.	1.8	29
11	Allergies, <i>Helicobacter pylori</i> and the continental enigmas. <i>Frontiers in Microbiology</i> , 2015, 6, 578.	3.5	12
12	<i>Pseudomonas</i> spp. as models for plant-microbe interactions. <i>Frontiers in Plant Science</i> , 2015, 6, 787.	3.6	45
13	<i>Helicobacter pylori</i> DNA methyltransferases and the epigenetic field effect in cancerization. <i>Frontiers in Microbiology</i> , 2014, 5, 115.	3.5	24
14	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
15	Osmoregulation and the human mycobiome. <i>Frontiers in Microbiology</i> , 2014, 5, 167.	3.5	7
16	Aging and the human gut microbiota—from correlation to causality. <i>Frontiers in Microbiology</i> , 2014, 5, 764.	3.5	122
17	Phospholipid catabolism by gut microbiota and the risk of cardiovascular disease. <i>Journal of Medical Microbiology</i> , 2013, 62, 948-950.	1.8	15
18	Cell-Associated Hemolysis Induced by <i>Helicobacter pylori</i> Is Mediated by Phospholipases with Mitogen-Activated Protein Kinase-Activating Properties. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1014-1018.	3.9	7

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19	Methylation-dependent DNA restriction in <i>Bacillus anthracis</i> . <i>Gene</i> , 2012, 494, 44-50.	2.2	16
20	From Bedside to Blackboard: the benefits of teaching molecular biology within a medical context. <i>Perspectives in Biology and Medicine</i> , 2012, 55, 461-466.	0.5	4
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	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
23	Impact of personalized medicine on diagnostics and therapeutics. <i>The National Medical Journal of India</i> , 2010, 23, 124.	0.3	0
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	The First Paper in Bioinformatics?. <i>Microbe Magazine</i> , 2009, 4, 485-486.	0.4	0
26	Genome Engineering in <i>Bacillus anthracis</i> Using Cre Recombinase. <i>Infection and Immunity</i> , 2006, 74, 682-693.	2.2	77
27	Restriction-Modification Systems and Chromosomal Rearrangements in <i>Mycoplasmas</i> . , 2002, , 371-390.		1
28	A unique, bifunctional site-specific DNA recombinase from <i>Mycoplasma pulmonis</i> . <i>Molecular Microbiology</i> , 2002, 46, 1033-1040.	2.5	46
29	A family of phase-variable restriction enzymes with differing specificities generated by high-frequency gene rearrangements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13923-13928.	7.1	128
30	The hsd loci of <i>Mycoplasma pulmonis</i> : organization, rearrangements and expression of genes. <i>Molecular Microbiology</i> , 1997, 26, 109-120.	2.5	44
31	Avoiding Lessening Lessons: Proctored Online Open-book Examinations for Post-graduate Molecular Biology Courses Using Office Forms. , 0, , .		0