

Sabyasachi Das

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,228
citations

331538

21
h-index

377752

34
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39
all docs

39
docs citations

39
times ranked

3236
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing of the sea lamprey (<i>Petromyzon marinus</i>) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013, 45, 415-421.	9.4	588
2	Molecular signature of hypersaline adaptation: insights from genome and proteome composition of halophilic prokaryotes. <i>Genome Biology</i> , 2008, 9, R70.	13.9	282
3	Evolutionary implications of a third lymphocyte lineage in lampreys. <i>Nature</i> , 2013, 501, 435-438.	13.7	180
4	The Evolution of Adaptive Immunity in Vertebrates. <i>Advances in Immunology</i> , 2011, 109, 125-157.	1.1	158
5	MicroRNA 125b inhibition of B cell differentiation in germinal centers. <i>International Immunology</i> , 2010, 22, 583-592.	1.8	141
6	Evolution of Alternative Adaptive Immune Systems in Vertebrates. <i>Annual Review of Immunology</i> , 2018, 36, 19-42.	9.5	92
7	Analysis of <i>Nanoarchaeum equitans</i> genome and proteome composition: indications for hyperthermophilic and parasitic adaptation. <i>BMC Genomics</i> , 2006, 7, 186.	1.2	67
8	Synonymous codon usage in adenoviruses: Influence of mutation, selection and protein hydrophathy. <i>Virus Research</i> , 2006, 117, 227-236.	1.1	66
9	Characterization of Lamprey IL-17 Family Members and Their Receptors. <i>Journal of Immunology</i> , 2015, 195, 5440-5451.	0.4	56
10	Evolutionary redefinition of immunoglobulin light chain isotypes in tetrapods using molecular markers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16647-16652.	3.3	54
11	Evolutionary dynamics of the immunoglobulin heavy chain variable region genes in vertebrates. <i>Immunogenetics</i> , 2008, 60, 47-55.	1.2	53
12	Definition of a third <i>VLR</i> gene in hagfish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15013-15018.	3.3	53
13	Organization of lamprey variable lymphocyte receptor C locus and repertoire development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6043-6048.	3.3	49
14	Characterization of Lamprey BAFF-like Gene: Evolutionary Implications. <i>Journal of Immunology</i> , 2016, 197, 2695-2703.	0.4	33
15	Distinct, ecotype-specific genome and proteome signatures in the marine cyanobacteria <i>Prochlorococcus</i> . <i>BMC Genomics</i> , 2010, 11, 103.	1.2	31
16	Codon and Amino Acid Usage in Two Major Human Pathogens of Genus <i>Bartonella</i> -- Optimization Between Replicational-Transcriptional Selection, Translational Control and Cost Minimization. <i>DNA Research</i> , 2005, 12, 91-102.	1.5	30
17	Analysis of the Immunoglobulin Light Chain Genes in Zebra Finch: Evolutionary Implications. <i>Molecular Biology and Evolution</i> , 2010, 27, 113-120.	3.5	30
18	Evolutionary Genomics of Immunoglobulin-Encoding Loci in Vertebrates. <i>Current Genomics</i> , 2012, 13, 95-102.	0.7	29

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19	Comparative Genomics and Evolution of the Alpha-Defensin Multigene Family in Primates. <i>Molecular Biology and Evolution</i> , 2010, 27, 2333-2343.	3.5	28
20	Evolution of two prototypic T cell lineages. <i>Cellular Immunology</i> , 2015, 296, 87-94.	1.4	25
21	Evolutionary Origin and Genomic Organization of Micro-RNA Genes in Immunoglobulin Lambda Variable Region Gene Family. <i>Molecular Biology and Evolution</i> , 2009, 26, 1179-1189.	3.5	22
22	Diazepam Accelerates GABAAR Synaptic Exchange and Alters Intracellular Trafficking. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 163.	1.8	22
23	Genomic organization and evolution of immunoglobulin kappa gene enhancers and kappa deleting element in mammals. <i>Molecular Immunology</i> , 2009, 46, 3171-3177.	1.0	20
24	Compositional variation in bacterial genes and proteins with potential expression level. <i>FEBS Letters</i> , 2005, 579, 5205-5210.	1.3	18
25	Genomic donor cassette sharing during VLRA and VLRC assembly in jawless vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14828-14833.	3.3	18
26	Evolutionary Constraints on Codon and Amino Acid Usage in Two Strains of Human Pathogenic Actinobacteria <i>Tropheryma whipplei</i> . <i>Journal of Molecular Evolution</i> , 2006, 62, 645-658.	0.8	17
27	Comparative Analyses of Codon and Amino Acid Usage in Symbiotic Island and Core Genome in Nitrogen-Fixing Symbiotic Bacterium <i>Bradyrhizobium japonicum</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2005, 23, 221-232.	2.0	14
28	Artemisinin combination therapy fails even in the absence of <i>Plasmodium falciparum</i> kelch13 gene polymorphism in Central India. <i>Scientific Reports</i> , 2021, 11, 9946.	1.6	14
29	Immune Related Genes Underpin the Evolution of Adaptive Immunity in Jawless Vertebrates. <i>Current Genomics</i> , 2012, 13, 86-94.	0.7	11
30	Comparative Genomics and Evolution of Immunoglobulin-Encoding Loci in Tetrapods. <i>Advances in Immunology</i> , 2011, 111, 143-178.	1.1	7
31	Editorial [Hot Topic: Comparative Genomics and Genome Evolution (Guest Editors: Sabyasachi Das and) <i>Tj ETQq1 1,0,784314 rgBT /C</i>	0.7	0
32	Evolution of variable lymphocyte receptor B antibody loci in jawless vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
33	Ancient BCMA-like Genes Herald B Cell Regulation in Lampreys. <i>Journal of Immunology</i> , 2019, 203, 2909-2916.	0.4	3
34	A novel nano-anti-malarial induces redox damage and elicits cytokine response to the parasite. <i>Cytokine</i> , 2021, 144, 155555.	1.4	2
35	B Cells and Antibodies in Jawless Vertebrates. , 2015, , 121-132.		1
36	DDE Transposon as Public Goods. , 2020, , 337-357.		1

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37	TRENDS IN CODON AND AMINO ACID USAGE IN HUMAN PATHOGEN <i>TROPHERYMA WHIPPLEI</i> , THE ONLY KNOWN ACTINOBACTERIA WITH REDUCED GENOME. , 2005, , .		0
38	CONSEQUENCES OF MUTATION, SELECTION AND PHYSICO-CHEMICAL PROPERTIES OF ENCODED PROTEINS ON SYNONYMOUS CODON USAGE IN ADENOVIRUSES. , 2005, , .		0