

Sujai Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/432021/publications.pdf>

Version: 2024-02-01

28
papers

3,519
citations

331670

21
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

6454
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes secreted by nematode parasites transfer small RNAs to mammalian cells and modulate innate immunity. <i>Nature Communications</i> , 2014, 5, 5488.	12.8	640
2	Genomic architecture and introgression shape a butterfly radiation. <i>Science</i> , 2019, 366, 594-599.	12.6	365
3	Analysis of the genome sequences of three <i>Drosophila melanogaster</i> spontaneous mutation accumulation lines. <i>Genome Research</i> , 2009, 19, 1195-1201.	5.5	343
4	Blobology: exploring raw genome data for contaminants, symbionts and parasites using taxon-annotated GC-coverage plots. <i>Frontiers in Genetics</i> , 2013, 4, 237.	2.3	258
5	Comparing de novo assemblers for 454 transcriptome data. <i>BMC Genomics</i> , 2010, 11, 571.	2.8	217
6	No evidence for extensive horizontal gene transfer in the genome of the tardigrade <i>Hypsibius dujardini</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5053-5058.	7.1	214
7	Sulfur Amino Acids Regulate Translational Capacity and Metabolic Homeostasis through Modulation of tRNA Thiolation. <i>Cell</i> , 2013, 154, 416-429.	28.9	189
8	Comparative genomics of the tardigrades <i>Hypsibius dujardini</i> and <i>Ramazzottius varieornatus</i> . <i>PLoS Biology</i> , 2017, 15, e2002266.	5.6	170
9	The genome of the heartworm, <i>Dirofilaria immitis</i> , reveals drug and vaccine targets. <i>FASEB Journal</i> , 2012, 26, 4650-4661.	0.5	124
10	Silencing of Germline-Expressed Genes by DNA Elimination in Somatic Cells. <i>Developmental Cell</i> , 2012, 23, 1072-1080.	7.0	101
11	The complex hybrid origins of the root knot nematodes revealed through comparative genomics. <i>PeerJ</i> , 2014, 2, e356.	2.0	99
12	Secretion of an Argonaute protein by a parasitic nematode and the evolution of its siRNA guides. <i>Nucleic Acids Research</i> , 2019, 47, 3594-3606.	14.5	75
13	Experimental evolution, genetic analysis and genome re-sequencing reveal the mutation conferring artemisinin resistance in an isogenic lineage of malaria parasites. <i>BMC Genomics</i> , 2010, 11, 499.	2.8	74
14	Characterization of a hotspot for mimicry: assembly of a butterfly wing transcriptome to genomic sequence at the <i>HmYb/Sb</i> locus. <i>Molecular Ecology</i> , 2010, 19, 240-254.	3.9	70
15	A high-coverage draft genome of the mycalesine butterfly <i>Bicyclus anynana</i> . <i>GigaScience</i> , 2017, 6, 1-7.	6.4	55
16	Toward 959 nematode genomes. <i>Worm</i> , 2012, 1, 42-50.	1.0	51
17	Phylogenomics and Analysis of Shared Genes Suggest a Single Transition to Mutualism in <i>Wolbachia</i> of Nematodes. <i>Genome Biology and Evolution</i> , 2013, 5, 1668-1674.	2.5	49
18	959 Nematode Genomes: a semantic wiki for coordinating sequencing projects. <i>Nucleic Acids Research</i> , 2012, 40, D1295-D1300.	14.5	44

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19	The genome of <i>Romanomermis culicivorax</i> : revealing fundamental changes in the core developmental genetic toolkit in Nematoda. <i>BMC Genomics</i> , 2013, 14, 923.	2.8	43
20	Simultaneous genome sequencing of symbionts and their hosts. <i>Symbiosis</i> , 2011, 55, 119-126.	2.3	37
21	Comparative Analysis of the Secretome from a Model Filarial Nematode (<i>Litomosoides sigmodontis</i>) Reveals Maximal Diversity in Gravid Female Parasites. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2527-2544.	3.8	32
22	Sexually dimorphic gene expression and transcriptome evolution provide mixed evidence for a fast ω effect in <i>Heliconius</i> . <i>Journal of Evolutionary Biology</i> , 2019, 32, 194-204.	1.7	31
23	Genomics and transcriptomics across the diversity of the Nematoda. <i>Parasite Immunology</i> , 2012, 34, 108-120.	1.5	22
24	Comparative analysis of small RNAs released by the filarial nematode <i>Litomosoides sigmodontis</i> in vitro and in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007811.	3.0	19
25	MolluscDB: a genome and transcriptome database for molluscs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200157.	4.0	17
26	Extracellular vesicles from <i>Heligmosomoides bakeri</i> and <i>Trichuris muris</i> contain distinct microRNA families and small RNAs that could underpin different functions in the host. <i>International Journal for Parasitology</i> , 2020, 50, 719-729.	3.1	16
27	GenomeHubs: simple containerized setup of a custom Ensembl database and web server for any species. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	13
28	Let SMIL be your umbrella: Software tools for transcribing, coding, and presenting digital video in behavioral research. <i>Behavior Research Methods</i> , 2005, 37, 359-367.	4.0	10