

Rahul Tyagi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

857
citations

687363

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1559
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiome Signatures Associated With Steatohepatitis and Moderate to Severe Fibrosis in Children With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019, 157, 1109-1122.	1.3	184
2	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , 2014, 46, 261-269.	21.4	166
3	Genomes of <i>Fasciola hepatica</i> from the Americas Reveal Colonization with <i>Neorickettsia</i> Endobacteria Related to the Agents of Potomac Horse and Human Sennetsu Fevers. <i>PLoS Genetics</i> , 2017, 13, e1006537.	3.5	100
4	Predicting helical coaxial stacking in RNA multibranch loops. <i>Rna</i> , 2007, 13, 939-951.	3.5	60
5	Helminth.net: expansions to Nematode.net and an introduction to Trematode.net. <i>Nucleic Acids Research</i> , 2015, 43, D698-D706.	14.5	58
6	Genomic diversity in <i>Onchocerca volvulus</i> and its <i>Wolbachia</i> endosymbiont. <i>Nature Microbiology</i> , 2017, 2, 16207.	13.3	53
7	Tackling Hypotheticals in Helminth Genomes. <i>Trends in Parasitology</i> , 2018, 34, 179-183.	3.3	29
8	Pan-phylum Comparison of Nematode Metabolic Potential. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003788.	3.0	26
9	Identification of small molecule enzyme inhibitors as broad-spectrum anthelmintics. <i>Scientific Reports</i> , 2019, 9, 9085.	3.3	25
10	<i>Dictyocaulus viviparus</i> genome, variome and transcriptome elucidate lungworm biology and support future intervention. <i>Scientific Reports</i> , 2016, 6, 20316.	3.3	23
11	Cracking the nodule worm code advances knowledge of parasite biology and biotechnology to tackle major diseases of livestock. <i>Biotechnology Advances</i> , 2015, 33, 980-991.	11.7	21
12	Small Molecule Inhibitors of Metabolic Enzymes Repurposed as a New Class of Anthelmintics. <i>ACS Infectious Diseases</i> , 2018, 4, 1130-1145.	3.8	18
13	An Integrated Approach to Identify New Anti-Filarial Leads to Treat River Blindness, a Neglected Tropical Disease. <i>Pathogens</i> , 2021, 10, 71.	2.8	16
14	One-Electron Oxidation of DNA by Ionizing Radiation: Competition between Base-to-Base Hole-Transfer and Hole-Trapping. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7672-7680.	2.6	14
15	Omics Driven Understanding of the Intestines of Parasitic Nematodes. <i>Frontiers in Genetics</i> , 2019, 10, 652.	2.3	13
16	Compartmentalization of functions and predicted miRNA regulation among contiguous regions of the nematode intestine. <i>RNA Biology</i> , 2017, 14, 1335-1352.	3.1	11
17	Conservation and diversification of the transcriptomes of adult <i>Paragonimus westermani</i> and <i>P. skrjabini</i> . <i>Parasites and Vectors</i> , 2016, 9, 497.	2.5	10
18	A Multi-Omics Database for Parasitic Nematodes and Trematodes. <i>Methods in Molecular Biology</i> , 2018, 1757, 371-397.	0.9	10

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19	De novo identification of toxicants that cause irreparable damage to parasitic nematode intestinal cells. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007942.	3.0	10
20	Rapid determination of nematode cell and organ susceptibility to toxic treatments. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 167-182.	3.4	6
21	Insights Into <i>Onchocerca volvulus</i> Population Biology Through Multilocus Immunophenotyping. <i>Journal of Infectious Diseases</i> , 2017, 216, 736-743.	4.0	2
22	Omics-Driven Knowledge-Based Discovery of Anthelmintic Targets and Drugs. , 2019, , 329-358.		2
23	1097 The Intestinal Microbiome in Children With Nonalcoholic Fatty Liver Disease—A Case-Control Study. <i>Gastroenterology</i> , 2016, 150, S219.	1.3	0