

Rahul Tyagi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	581 citations	11 h-index	24 g-index
24 ext. papers	722 ext. citations	8.5 avg, IF	3.24 L-index

#	Paper	IF	Citations
22	An Integrated Approach to Identify New Anti-Filarial Leads to Treat River Blindness, a Neglected Tropical Disease. <i>Pathogens</i> , 2021 , 10,	4.5	3
21	De novo identification of toxicants that cause irreparable damage to parasitic nematode intestinal cells. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0007942	4.8	3
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	4	1
19	Microbiome Signatures Associated With Steatohepatitis and Moderate to Severe Fibrosis in Children With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2019 , 157, 1109-1122	13.3	92
18	Omics-Driven Knowledge-Based Discovery of Anthelmintic Targets and Drugs 2019 , 329-358		1
17	Omics Driven Understanding of the Intestines of Parasitic Nematodes. <i>Frontiers in Genetics</i> , 2019 , 10, 652	4.5	5
16	Identification of small molecule enzyme inhibitors as broad-spectrum anthelmintics. <i>Scientific Reports</i> , 2019 , 9, 9085	4.9	11
15	Tackling Hypotheticals in Helminth Genomes. <i>Trends in Parasitology</i> , 2018 , 34, 179-183	6.4	20
14	Small Molecule Inhibitors of Metabolic Enzymes Repurposed as a New Class of Anthelmintics. <i>ACS Infectious Diseases</i> , 2018 , 4, 1130-1145	5.5	11
13	A Multi-Omics Database for Parasitic Nematodes and Trematodes. <i>Methods in Molecular Biology</i> , 2018 , 1757, 371-397	1.4	7
12	Compartmentalization of functions and predicted miRNA regulation among contiguous regions of the nematode intestine. <i>RNA Biology</i> , 2017 , 14, 1335-1352	4.8	7
11	Insights Into Onchocerca volvulus Population Biology Through Multilocus Immunophenotyping. <i>Journal of Infectious Diseases</i> , 2017 , 216, 736-743	7	2
10	Genomes of Fasciola hepatica from the Americas Reveal Colonization with Neorickettsia Endobacteria Related to the Agents of Potomac Horse and Human Sennetsu Fevers. <i>PLoS Genetics</i> , 2017 , 13, e1006537	6	65
9	Genomic diversity in Onchocerca volvulus and its Wolbachia endosymbiont. <i>Nature Microbiology</i> , 2016 , 2, 16207	26.6	35
8	Conservation and diversification of the transcriptomes of adult Paragonimus westermani and P. skrjabini. <i>Parasites and Vectors</i> , 2016 , 9, 497	4	8
7	Dictyocaulus viviparus genome, variome and transcriptome elucidate lungworm biology and support future intervention. <i>Scientific Reports</i> , 2016 , 6, 20316	4.9	17
6	Cracking the nodule worm code advances knowledge of parasite biology and biotechnology to tackle major diseases of livestock. <i>Biotechnology Advances</i> , 2015 , 33, 980-91	17.8	18

5	Pan-phylum Comparison of Nematode Metabolic Potential. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003788	4.8	22
4	Helminth.net: expansions to Nematode.net and an introduction to Trematode.net. <i>Nucleic Acids Research</i> , 2015 , 43, D698-706	20.1	48
3	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , 2014 , 46, 261-269	36.3	139
2	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, 7672-80	3.4	14
1	Predicting helical coaxial stacking in RNA multibranch loops. <i>Rna</i> , 2007 , 13, 939-51	5.8	52