Rahul Tyagi

List of Publications by Citations

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	Genome of the human hookworm Necator americanus. *Nature Genetics*, **2014**, 46, 261-269	36.3	139
21	Microbiome Signatures Associated With Steatohepatitis and Moderate to Severe Fibrosis in Children With Nonalcoholic Fatty Liver Disease. *Gastroenterology*, **2019**, 157, 1109-1122	13.3	92
20	Genomes of Fasciola hepatica from the Americas Reveal Colonization with Neorickettsia Endobacteria Related to the Agents of Potomac Horse and Human Sennetsu Fevers. *PLoS Genetics*, **2017**, 13, e1006537	6	65
19	Predicting helical coaxial stacking in RNA multibranch loops. *Rna*, **2007**, 13, 939-51	5.8	52
18	Helminth.net: expansions to Nematode.net and an introduction to Trematode.net. *Nucleic Acids Research*, **2015**, 43, D698-706	20.1	48
17	Genomic diversity in Onchocerca volvulus and its Wolbachia endosymbiont. *Nature Microbiology*, **2016**, 2, 16207	26.6	35
16	Pan-phylum Comparison of Nematode Metabolic Potential. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0003788	4.8	22
15	Tackling Hypotheticals in Helminth Genomes. *Trends in Parasitology*, **2018**, 34, 179-183	6.4	20
14	Cracking the nodule worm code advances knowledge of parasite biology and biotechnology to tackle major diseases of livestock. *Biotechnology Advances*, **2015**, 33, 980-91	17.8	18
13	Dictyocaulus viviparus genome, variome and transcriptome elucidate lungworm biology and support future intervention. *Scientific Reports*, **2016**, 6, 20316	4.9	17
12	One-electron oxidation of DNA by ionizing radiation: competition between base-to-base hole-transfer and hole-trapping. *Journal of Physical Chemistry B*, **2010**, 114, 7672-80	3.4	14
11	Small Molecule Inhibitors of Metabolic Enzymes Repurposed as a New Class of Anthelmintics. *ACS Infectious Diseases*, **2018**, 4, 1130-1145	5.5	11
10	Identification of small molecule enzyme inhibitors as broad-spectrum anthelmintics. *Scientific Reports*, **2019**, 9, 9085	4.9	11
9	Conservation and diversification of the transcriptomes of adult Paragonimus westermani and P. skrjabini. *Parasites and Vectors*, **2016**, 9, 497	4	8
8	Compartmentalization of functions and predicted miRNA regulation among contiguous regions of the nematode intestine. *RNA Biology*, **2017**, 14, 1335-1352	4.8	7
7	A Multi-Omics Database for Parasitic Nematodes and Trematodes. *Methods in Molecular Biology*, **2018**, 1757, 371-397	1.4	7
6	Omics Driven Understanding of the Intestines of Parasitic Nematodes. *Frontiers in Genetics*, **2019**, 10, 652	4.5	5

5	De novo identification of toxicants that cause irreparable damage to parasitic nematode intestinal cells. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0007942	4.8	3
4	An Integrated Approach to Identify New Anti-Filarial Leads to Treat River Blindness, a Neglected Tropical Disease. *Pathogens*, **2021**, 10,	4.5	3
3	Insights Into Onchocerca volvulus Population Biology Through Multilocus Immunophenotyping. *Journal of Infectious Diseases*, **2017**, 216, 736-743	7	2
2	Omics-Driven Knowledge-Based Discovery of Anthelmintic Targets and Drugs **2019**, 329-358		1
1	Rapid determination of nematode cell and organ susceptibility to toxic treatments. *International Journal for Parasitology: Drugs and Drug Resistance*, **2020**, 14, 167-182	4	1