Jeremy M Foster

List of Publications by Year
in descending order

39 papers	3,069 citations	331670 21 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	3708 citing authors

#	Article	IF	Citations
1	Mass Spectrometric and Glycan Microarrayâ€“Based Characterization of the Filarial Nematode Brugia malayi Glycome Reveals Anionic and Zwitterionic Glycan Antigens. Molecular and Cellular Proteomics, 2022, 21, 100201.	3.8	17
2	Dual RNAseq analyses at soma and germline levels reveal evolutionary innovations in the elephantiasis-agent Brugia malayi, and adaptation of its Wolbachia endosymbionts. PLoS Neglected Tropical Diseases, 2021, 15, e0008935.	3.0	5
3	X-treme loss of sequence diversity linked to neo-X chromosomes in filarial nematodes. PLoS Neglected Tropical Diseases, 2021, 15, e0009838.	3.0	1
4	N6-methyladenosine regulates the stability of RNA:DNA hybrids in human cells. Nature Genetics, 2020, 52, 48-55.	21.4	147
5	A Meta-Analysis of Wolbachia Transcriptomics Reveals a Stage-Specific Wolbachia Transcriptional Response Shared Across Different Hosts. G3: Genes, Genomes, Genetics, 2020, 10, 3243-3260.	1.8	3
6	Nearly Complete Genome Sequence of Brugia malayi Strain FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	13
7	Nearly Complete Genome Sequence of Brugia pahangi FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	4
8	Complete Genome Sequence of w Bp, the Wolbachia Endosymbiont of Brugia pahangi FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	3
9	Sex chromosome evolution in parasitic nematodes of humans. Nature Communications, 2020, 11, 1964.	12.8	38
10	Diminutive, degraded but dissimilar: Wolbachia genomes from filarial nematodes do not conform to a single paradigm. Microbial Genomics, 2020, 6, .	2.0	24
11	The Wolbachia Symbiont: Here, There and Everywhere. Results and Problems in Cell Differentiation, 2020, 69, 423-451.	0.7	3
12	Large Enriched Fragment Targeted Sequencing (LEFT-SEQ) Applied to Capture of Wolbachia Genomes. Scientific Reports, 2019, 9, 5939.	3.3	22
13	Drug Repurposing of Bromodomain Inhibitors as Potential Novel Therapeutic Leads for Lymphatic Filariasis Guided by Multispecies Transcriptomics. MSystems, 2019, 4, .	3.8	7
14	Targeted enrichment outperforms other enrichment techniques and enables more multi-species RNA-Seq analyses. Scientific Reports, 2018, 8, 13377.	3.3	17
15	A novel broad specificity fucosidase capable of core Î±1-6 fucose release from N-glycans labeled with urea-linked fluorescent dyes. Scientific Reports, 2018, 8, 9504.	3.3	17
16	Targeted Enrichment and Sequencing of Recent Endosymbiont-Host Lateral Gene Transfers. Scientific Reports, 2017, 7, 857.	3.3	11
17	Removing the needle from the haystack: Enrichment of Wolbachia endosymbiont transcripts from host nematode RNA by Cappable-seqâ„¢. PLoS ONE, 2017, 12, e0173186.	2.5	5
18	Heme acquisition in the parasitic filarial nematode Brugia malayi. FASEB Journal, 2016, 30, 3501-3514.	0.5	20

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19	Characterization of innate immunity genes in the parasitic nematode Brugia malayi. Symbiosis, 2016, 68, 145-155.	2.3	3
20	Tissue-specific transcriptomics and proteomics of a filarial nematode and its Wolbachia endosymbiont. BMC Genomics, 2015, 16, 920.	2.8	26
21	Concurrent transcriptional profiling of Dirofilaria immitis and its Wolbachia endosymbiont throughout the nematode life cycle reveals coordinated gene expression. BMC Genomics, 2014, 15, 1041.	2.8	33
22	Co-evolution between an Endosymbiont and Its Nematode Host: Wolbachia Asymmetric Posterior Localization and AP Polarity Establishment. PLoS Neglected Tropical Diseases, 2014, 8, e3096.	3.0	51
23	Absence of Wolbachia endobacteria in the human parasitic nematode Dracunculus medinensis and two related Dracunculus species infecting wildlife. Parasites and Vectors, 2014, 7, 140.	2.5	9
24	Wolbachia endosymbionts and human disease control. Molecular and Biochemical Parasitology, 2014, 195, 88-95.	1.1	104
25	Transient Accumulation of 5-Carboxylcytosine Indicates Involvement of Active Demethylation in Lineage Specification of Neural Stem Cells. Cell Reports, 2014, 7, 1353-1361.	6.4	85
26	Extensively duplicated and transcriptionally active recent lateral gene transfer from a bacterial Wolbachia endosymbiont to its host filarial nematode Brugia malayi. BMC Genomics, 2013, 14, 639.	2.8	37
27	Interdomain lateral gene transfer of an essential ferrochelatase gene in human parasitic nematodes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7748-7753.	7.1	48
28	Nematode-Bacterium Symbiosesâ€”Cooperation and Conflict Revealed in the â€œOmicsâ€•Age. Biological Bulletin, 2012, 223, 85-102.	1.8	60
29	Targeted genome enrichment for efficient purification of endosymbiont DNA from host DNA. Symbiosis, 2012, 58, 201-207.	2.3	31
30	The Wolbachia endosymbiont as an anti-filarial nematode target. Symbiosis, 2010, 51, 55-65.	2.3	147
31	Evolution of Bacterial Phosphoglycerate Mutases: Non-Homologous Isofunctional Enzymes Undergoing Gene Losses, Gains and Lateral Transfers. PLoS ONE, 2010, 5, e13576.	2.5	29
32	Asymmetric Wolbachia Segregation during Early Brugia malayi Embryogenesis Determines Its Distribution in Adult Host Tissues. PLoS Neglected Tropical Diseases, 2010, 4, e758.	3.0	81
33	On the taxonomic status of the intracellular bacterium Wolbachia pipientis: should this species name include the intracellular bacteria of filarial nematodes?. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1677-1678.	1.7	25
34	Draft Genome of the Filarial Nematode Parasite Brugia malayi. Science, 2007, 317, 1756-1760.	12.6	571
35	Widespread Lateral Gene Transfer from Intracellular Bacteria to Multicellular Eukaryotes. Science, 2007, 317, 1753-1756.	12.6	693
36	Mining nematode genome data for novel drug targets. Trends in Parasitology, 2005, 21, 101-104.	3.3	26

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37	The Wolbachia Genome of Brugia malayi: Endosymbiont Evolution within a Human Pathogenic Nematode. PLoS Biology, 2005, 3, e121.	5.6	529
38	A genome sequence survey of the filarial nematode Brugia malayi: repeats, gene discovery, and comparative genomics. Molecular and Biochemical Parasitology, 2004, 137, 215-227.	1.1	27
39	First sequenced genome of a parasitic nematode. Trends in Parasitology, 2004, 20, 151-153.	3.3	80