

Jeremy M Foster

List of Publications by Year in descending order

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39
papers

3,069
citations

331670

21
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289244

40
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42
all docs

42
docs citations

42
times ranked

3708
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread Lateral Gene Transfer from Intracellular Bacteria to Multicellular Eukaryotes. <i>Science</i> , 2007, 317, 1753-1756.	12.6	693
2	Draft Genome of the Filarial Nematode Parasite <i>Brugia malayi</i> . <i>Science</i> , 2007, 317, 1756-1760.	12.6	571
3	The Wolbachia Genome of <i>Brugia malayi</i> : Endosymbiont Evolution within a Human Pathogenic Nematode. <i>PLoS Biology</i> , 2005, 3, e121.	5.6	529
4	The Wolbachia endosymbiont as an anti-filarial nematode target. <i>Symbiosis</i> , 2010, 51, 55-65.	2.3	147
5	N6-methyladenosine regulates the stability of RNA:DNA hybrids in human cells. <i>Nature Genetics</i> , 2020, 52, 48-55.	21.4	147
6	Wolbachia endosymbionts and human disease control. <i>Molecular and Biochemical Parasitology</i> , 2014, 195, 88-95.	1.1	104
7	Transient Accumulation of 5-Carboxylcytosine Indicates Involvement of Active Demethylation in Lineage Specification of Neural Stem Cells. <i>Cell Reports</i> , 2014, 7, 1353-1361.	6.4	85
8	Asymmetric Wolbachia Segregation during Early <i>Brugia malayi</i> Embryogenesis Determines Its Distribution in Adult Host Tissues. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e758.	3.0	81
9	First sequenced genome of a parasitic nematode. <i>Trends in Parasitology</i> , 2004, 20, 151-153.	3.3	80
10	Nematode-Bacterium Symbioses—Cooperation and Conflict Revealed in the Omics Age. <i>Biological Bulletin</i> , 2012, 223, 85-102.	1.8	60
11	Co-evolution between an Endosymbiont and Its Nematode Host: Wolbachia Asymmetric Posterior Localization and AP Polarity Establishment. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3096.	3.0	51
12	Interdomain lateral gene transfer of an essential ferrochelatase gene in human parasitic nematodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7748-7753.	7.1	48
13	Sex chromosome evolution in parasitic nematodes of humans. <i>Nature Communications</i> , 2020, 11, 1964.	12.8	38
14	Extensively duplicated and transcriptionally active recent lateral gene transfer from a bacterial Wolbachia endosymbiont to its host filarial nematode <i>Brugia malayi</i> . <i>BMC Genomics</i> , 2013, 14, 639.	2.8	37
15	Concurrent transcriptional profiling of <i>Dirofilaria immitis</i> and its Wolbachia endosymbiont throughout the nematode life cycle reveals coordinated gene expression. <i>BMC Genomics</i> , 2014, 15, 1041.	2.8	33
16	Targeted genome enrichment for efficient purification of endosymbiont DNA from host DNA. <i>Symbiosis</i> , 2012, 58, 201-207.	2.3	31
17	Evolution of Bacterial Phosphoglycerate Mutases: Non-Homologous Isofunctional Enzymes Undergoing Gene Losses, Gains and Lateral Transfers. <i>PLoS ONE</i> , 2010, 5, e13576.	2.5	29
18	A genome sequence survey of the filarial nematode <i>Brugia malayi</i> : repeats, gene discovery, and comparative genomics. <i>Molecular and Biochemical Parasitology</i> , 2004, 137, 215-227.	1.1	27

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19	Mining nematode genome data for novel drug targets. Trends in Parasitology, 2005, 21, 101-104.	3.3	26
20	Tissue-specific transcriptomics and proteomics of a filarial nematode and its Wolbachia endosymbiont. BMC Genomics, 2015, 16, 920.	2.8	26
21	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
22	Diminutive, degraded but dissimilar: Wolbachia genomes from filarial nematodes do not conform to a single paradigm. Microbial Genomics, 2020, 6, .	2.0	24
23	Large Enriched Fragment Targeted Sequencing (LEFT-SEQ) Applied to Capture of Wolbachia Genomes. Scientific Reports, 2019, 9, 5939.	3.3	22
24	Heme acquisition in the parasitic filarial nematode <i>Brugia malayi</i>. FASEB Journal, 2016, 30, 3501-3514.	0.5	20
25	Targeted enrichment outperforms other enrichment techniques and enables more multi-species RNA-Seq analyses. Scientific Reports, 2018, 8, 13377.	3.3	17
26	A novel broad specificity fucosidase capable of core $\pm 1-6$ fucose release from N-glycans labeled with urea-linked fluorescent dyes. Scientific Reports, 2018, 8, 9504.	3.3	17
27	Mass Spectrometric and Glycan Microarray-Based Characterization of the Filarial Nematode <i>Brugia malayi</i> Glycome Reveals Anionic and Zwitterionic Glycan Antigens. Molecular and Cellular Proteomics, 2022, 21, 100201.	3.8	17
28	Nearly Complete Genome Sequence of <i>Brugia malayi</i> Strain FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	13
29	Targeted Enrichment and Sequencing of Recent Endosymbiont-Host Lateral Gene Transfers. Scientific Reports, 2017, 7, 857.	3.3	11
30	Absence of Wolbachia endobacteria in the human parasitic nematode <i>Dracunculus medinensis</i> and two related <i>Dracunculus</i> species infecting wildlife. Parasites and Vectors, 2014, 7, 140.	2.5	9
31	Drug Repurposing of Bromodomain Inhibitors as Potential Novel Therapeutic Leads for Lymphatic Filariasis Guided by Multispecies Transcriptomics. MSystems, 2019, 4, .	3.8	7
32	Removing the needle from the haystack: Enrichment of Wolbachia endosymbiont transcripts from host nematode RNA by Cappable-seq. PLoS ONE, 2017, 12, e0173186.	2.5	5
33	Dual RNAseq analyses at soma and germline levels reveal evolutionary innovations in the elephantiasis-agent <i>Brugia malayi</i> , and adaptation of its Wolbachia endosymbionts. PLoS Neglected Tropical Diseases, 2021, 15, e0008935.	3.0	5
34	Nearly Complete Genome Sequence of <i>Brugia pahangi</i> FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	4
35	Characterization of innate immunity genes in the parasitic nematode <i>Brugia malayi</i> . Symbiosis, 2016, 68, 145-155.	2.3	3
36	A Meta-Analysis of <i>Wolbachia</i> Transcriptomics Reveals a Stage-Specific <i>Wolbachia</i> Transcriptional Response Shared Across Different Hosts. G3: Genes, Genomes, Genetics, 2020, 10, 3243-3260.	1.8	3

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37	Complete Genome Sequence of w Bp, the Wolbachia Endosymbiont of Brugia pahangi FR3. Microbiology Resource Announcements, 2020, 9, .	0.6	3
38	The Wolbachia Symbiont: Here, There and Everywhere. Results and Problems in Cell Differentiation, 2020, 69, 423-451.	0.7	3
39	X-treme loss of sequence diversity linked to neo-X chromosomes in filarial nematodes. PLoS Neglected Tropical Diseases, 2021, 15, e0009838.	3.0	1