

Ralf J Sommer

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

8,857
citations

38720

50
h-index

71651

76
g-index

232
all docs

232
docs citations

232
times ranked

5115
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of environmental temperature on mouth-form plasticity in <i>Pristionchus pacificus</i> acts through <i>daf-11</i> -dependent cGMP signaling. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2023, 340, 214-224.	0.6	9
2	Horizontally Acquired Cellulases Assist the Expansion of Dietary Range in <i>Pristionchus</i> Nematodes. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	10
3	The Role of Sulfation in Nematode Development and Phenotypic Plasticity. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 838148.	1.6	5
4	Vitamin B12 and predatory behavior in nematodes. <i>Vitamins and Hormones</i> , 2022, 119, 471-489.	0.7	1
5	The art of mechanistic modeling in biology. <i>Nature Computational Science</i> , 2022, 2, 72-73.	3.8	1
6	Synergistic interaction of gut microbiota enhances the growth of nematode through neuroendocrine signaling. <i>Current Biology</i> , 2022, 32, 2037-2050.e4.	1.8	8
7	The oscillating Mucin-type protein DPY-6 has a conserved role in nematode mouth and cuticle formation. <i>Genetics</i> , 2022, 220, .	1.2	11
8	Nine new <i>Pristionchus</i> (Nematoda: Diplogastridae) species from China. <i>Zootaxa</i> , 2021, 4943, zootaxa.4943.1.1.	0.2	12
9	Nematode biphasic "boom and bust" dynamics are dependent on host bacterial load while linking dauer and mouth-form polyphenisms. <i>Environmental Microbiology</i> , 2021, 23, 5102-5113.	1.8	22
10	Single worm transcriptomics identifies a developmental core network of oscillating genes with deep conservation across nematodes. <i>Genome Research</i> , 2021, 31, 1590-1601.	2.4	18
11	Sex or cannibalism: Polyphenism and kin recognition control social action strategies in nematodes. <i>Science Advances</i> , 2021, 7, .	4.7	15
12	Spatial Transcriptomics of Nematodes Identifies Sperm Cells as a Source of Genomic Novelty and Rapid Evolution. <i>Molecular Biology and Evolution</i> , 2021, 38, 229-243.	3.5	34
13	Nematode Interactions on Beetle Hosts Indicate a Role of Mouth-Form Plasticity in Resource Competition. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	14
14	Improving Transgenesis Efficiency and CRISPR-Associated Tools Through Codon Optimization and Native Intron Addition in <i>Pristionchus</i> Nematodes. <i>Genetics</i> , 2020, 216, 947-956.	1.2	29
15	Comparative genomics and community curation further improve gene annotations in the nematode <i>Pristionchus pacificus</i> . <i>BMC Genomics</i> , 2020, 21, 708.	1.2	19
16	Phenotypic Plasticity: From Theory and Genetics to Current and Future Challenges. <i>Genetics</i> , 2020, 215, 1-13.	1.2	130
17	Bacterial vitamin B12 production enhances nematode predatory behavior. <i>ISME Journal</i> , 2020, 14, 1494-1507.	4.4	34
18	Extracellular proteostasis prevents aggregation during pathogenic attack. <i>Nature</i> , 2020, 584, 410-414.	13.7	39

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19	Geometric morphometrics of microscopic animals as exemplified by model nematodes. <i>Nature Protocols</i> , 2020, 15, 2611-2644.	5.5	24
20	Mechanism of murderous mushrooms paves path for parasitic helminth halt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6974-6975.	3.3	0
21	Conserved nuclear hormone receptors controlling a novel plastic trait target fast-evolving genes expressed in a single cell. <i>PLoS Genetics</i> , 2020, 16, e1008687.	1.5	44
22	Convergent evolution of small molecule pheromones in <i>Pristionchus</i> nematodes. <i>ELife</i> , 2020, 9, .	2.8	10
23	Title is missing!. , 2020, 16, e1008687.		0
24	Title is missing!. , 2020, 16, e1008687.		0
25	Title is missing!. , 2020, 16, e1008687.		0
26	Title is missing!. , 2020, 16, e1008687.		0
27	New Gene Origin and Deep Taxon Phylogenomics: Opportunities and Challenges. <i>Trends in Genetics</i> , 2019, 35, 914-922.	2.9	45
28	Cilia drive developmental plasticity and are essential for efficient prey detection in predatory nematodes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191089.	1.2	12
29	Small peptide-mediated self-recognition prevents cannibalism in predatory nematodes. <i>Science</i> , 2019, 364, 86-89.	6.0	72
30	Vegetation drives assemblages of entomopathogenic nematodes and other soil organisms: Evidence from the Algarve, Portugal. <i>Soil Biology and Biochemistry</i> , 2019, 128, 150-163.	4.2	38
31	An antibody staining protocol variation for nematodes that adds heat-induced antigen retrieval (HIAR). <i>MicroPublication Biology</i> , 2019, 2019, .	0.1	2
32	Two new Species of <i>Pristionchus</i> (Nematoda: Diplogastridae) include the Gonochoristic Sister Species of <i>P. fissidentatus</i> . <i>Journal of Nematology</i> , 2019, 51, 1-14.	0.4	7
33	Evolution of neuronal anatomy and circuitry in two highly divergent nematode species. <i>ELife</i> , 2019, 8, .	2.8	53
34	A cilia-mediated environmental input induces solitary behaviour in <i>Caenorhabditis elegans</i> and <i>Pristionchus pacificus</i> nematodes. <i>Nematology</i> , 2018, 20, 201-209.	0.2	6
35	Adult Influence on Juvenile Phenotypes by Stage-Specific Pheromone Production. <i>IScience</i> , 2018, 10, 123-134.	1.9	23
36	DAF-19/RFX controls ciliogenesis and influences oxygen-induced social behaviors in <i>Pristionchus pacificus</i> . <i>Evolution & Development</i> , 2018, 20, 233-243.	1.1	11

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37	Developmental Plasticity and Robustness of a Nematode Mouth-Form Polyphenism. <i>Frontiers in Genetics</i> , 2018, 9, 382.	1.1	13
38	Young genes have distinct gene structure, epigenetic profiles, and transcriptional regulation. <i>Genome Research</i> , 2018, 28, 1675-1687.	2.4	57
39	Deep taxon sampling reveals the evolutionary dynamics of novel gene families in <i>Pristionchus</i> nematodes. <i>Genome Research</i> , 2018, 28, 1664-1674.	2.4	53
40	Phylotranscriptomics of <i>Pristionchus</i> Nematodes Reveals Parallel Gene Loss in Six Hermaphroditic Lineages. <i>Current Biology</i> , 2018, 28, 3123-3127.e5.	1.8	33
41	Linking Genomic and Metabolomic Natural Variation Uncovers Nematode Pheromone Biosynthesis. <i>Cell Chemical Biology</i> , 2018, 25, 787-796.e12.	2.5	31
42	Two independent sulfation processes regulate mouth-form plasticity in the nematode <i>Pristionchus pacificus</i> . <i>Development (Cambridge)</i> , 2018, 145, .	1.2	36
43	Culture-based analysis of <i>Pristionchus</i> -associated microbiota from beetles and figs for studying nematode-bacterial interactions. <i>PLoS ONE</i> , 2018, 13, e0198018.	1.1	21
44	A Developmental Switch Generating Phenotypic Plasticity Is Part of a Conserved Multi-gene Locus. <i>Cell Reports</i> , 2018, 23, 2835-2843.e4.	2.9	50
45	Two New Species of <i>Pristionchus</i> (Nematoda: Diplogastriidae) from Taiwan and the Definition of the <i>pacificus</i> Species-Complex <i>Sensu Stricto</i> . <i>Journal of Nematology</i> , 2018, 50, 355-368.	0.4	10
46	Samplings of Millipedes in Japan and Scarab Beetles in Hong Kong result in five new Species of <i>Pristionchus</i> (Nematoda: Diplogastriidae). <i>Journal of Nematology</i> , 2018, 50, 587-610.	0.4	8
47	Succession and dynamics of <i>Pristionchus</i> nematodes and their microbiome during decomposition of <i>Oryctes borbonicus</i> on La Réunion Island. <i>Environmental Microbiology</i> , 2017, 19, 1476-1489.	1.8	40
48	Developmental systems of plasticity and trans-generational epigenetic inheritance in nematodes. <i>Current Opinion in Genetics and Development</i> , 2017, 45, 51-57.	1.5	29
49	The genetics of phenotypic plasticity in nematode feeding structures. <i>Open Biology</i> , 2017, 7, 160332.	1.5	41
50	Single-Molecule Sequencing Reveals the Chromosome-Scale Genomic Architecture of the Nematode Model Organism <i>Pristionchus pacificus</i> . <i>Cell Reports</i> , 2017, 21, 834-844.	2.9	72
51	Serotonin Drives Predatory Feeding Behavior via Synchronous Feeding Rhythms in the Nematode <i>Pristionchus pacificus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3745-3755.	0.8	23
52	Three-dimensional reconstruction of the pharyngeal gland cells in the predatory nematode <i>Pristionchus pacificus</i> . <i>Journal of Morphology</i> , 2017, 278, 1656-1666.	0.6	20
53	Environmental influence on <i>Pristionchus pacificus</i> mouth form through different culture methods. <i>Scientific Reports</i> , 2017, 7, 7207.	1.6	55
54	The Role of DAF-21/Hsp90 in Mouth-Form Plasticity in <i>Pristionchus pacificus</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, 1644-1653.	3.5	28

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55	Variation in rates of spontaneous male production within the nematode species <i>Pristionchus pacificus</i> supports an adaptive role for males and outcrossing. <i>BMC Evolutionary Biology</i> , 2017, 17, 57.	3.2	4
56	Regulation of hyperoxia-induced social behaviour in <i>Pristionchus pacificus</i> nematodes requires a novel cilia-mediated environmental input. <i>Scientific Reports</i> , 2017, 7, 17550.	1.6	21
57	Draft Genome of the Scarab Beetle <i>Oryctes borbonicus</i> on La Réunion Island. <i>Genome Biology and Evolution</i> , 2016, 8, 2093-2105.	1.1	35
58	Stochastic and Conditional Regulation of Nematode Mouth-Form Dimorphisms. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	30
59	Chromatin remodelling and antisense-mediated up-regulation of the developmental switch gene <i>eud-1</i> control predatory feeding plasticity. <i>Nature Communications</i> , 2016, 7, 12337.	5.8	47
60	Unexpected sex-specific post-reproductive lifespan in the free-living nematode <i>Pristionchus exspectatus</i> . <i>Evolution & Development</i> , 2016, 18, 297-307.	1.1	5
61	Functional Conservation and Divergence of <i>daf-22</i> Paralogs in <i>Pristionchus pacificus</i> Dauer Development. <i>Molecular Biology and Evolution</i> , 2016, 33, 2506-2514.	3.5	34
62	The Nuclear Hormone Receptor NHR-40 Acts Downstream of the Sulfatase EUD-1 as Part of a Developmental Plasticity Switch in <i>Pristionchus</i> . <i>Current Biology</i> , 2016, 26, 2174-2179.	1.8	56
63	Mating System Transitions Drive Life Span Evolution in <i>Pristionchus</i> Nematodes. <i>American Naturalist</i> , 2016, 187, 517-531.	1.0	14
64	A locus in <i>Pristionchus pacificus</i> that is responsible for the ability to give rise to fertile offspring at higher temperatures. <i>Biology Open</i> , 2016, 5, 1111-1117.	0.6	6
65	Assaying Predatory Feeding Behaviors in <i>Pristionchus</i> and Other Nematodes. <i>Journal of Visualized Experiments</i> , 2016, . .	0.2	8
66	Genomic Profiles of Diversification and Genotype-Phenotype Association in Island Nematode Lineages. <i>Molecular Biology and Evolution</i> , 2016, 33, 2257-2272.	3.5	31
67	Oxygen-induced social behaviours in <i>Pristionchus pacificus</i> have a distinct evolutionary history and genetic regulation from <i>Caenorhabditis elegans</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152263.	1.2	31
68	Large-scale diversification without genetic isolation in nematode symbionts of figs. <i>Science Advances</i> , 2016, 2, e1501031.	4.7	82
69	Life History Responses and Gene Expression Profiles of the Nematode <i>Pristionchus pacificus</i> Cultured on <i>Cryptococcus</i> Yeasts. <i>PLoS ONE</i> , 2016, 11, e0164881.	1.1	24
70	Two New Species (Nematoda: Diplogastridae) from Taiwan are Part of a Species-cluster Representing the Closest Known Relatives of the Model Organism. <i>Zoological Studies</i> , 2016, 55, e48.	0.3	0
71	<i>Pristionchus</i> Scratchpads: an online platform for taxonomy, systematics and phylogeny. <i>Zootaxa</i> , 2015, 3949, 597.	0.2	7
72	The Orphan Gene <i>dauerless</i> Regulates Dauer Development and Intraspecific Competition in Nematodes by Copy Number Variation. <i>PLoS Genetics</i> , 2015, 11, e1005146.	1.5	49

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73	Nematode orphan genes are adopted by conserved regulatory networks and find a home in ecology. <i>Worm</i> , 2015, 4, e1082029.	1.0	5
74	Toward a Synthesis of Developmental Biology with Evolutionary Theory and Ecology. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 453-471.	4.0	18
75	The Same or Not the Same: Lineage-Specific Gene Expansions and Homology Relationships in Multigene Families in Nematodes. <i>Journal of Molecular Evolution</i> , 2015, 80, 18-36.	0.8	23
76	Gene inactivation using the CRISPR/Cas9 system in the nematode <i>Pristionchus pacificus</i> . <i>Development Genes and Evolution</i> , 2015, 225, 55-62.	0.4	109
77	Predatory feeding behaviour in <i>Pristionchus</i> nematodes is dependent on a phenotypic plasticity and induced by serotonin. <i>Journal of Experimental Biology</i> , 2015, 218, 1306-13.	0.8	64
78	Nematode Signaling Molecules Derived from Multimodular Assembly of Primary Metabolic Building Blocks. <i>Organic Letters</i> , 2015, 17, 1648-1651.	2.4	13
79	<i>Nematoda.</i> , 2015, , 15-33.		4
80	Rapid diversification associated with a macroevolutionary pulse of developmental plasticity. <i>ELife</i> , 2015, 4, .	2.8	108
81	Environmental Variables Explain Genetic Structure in a Beetle-Associated Nematode. <i>PLoS ONE</i> , 2014, 9, e87317.	1.1	26
82	<i>Levipalatum texanum</i> n. gen., n. sp. (Nematoda: Diplogastridae), an androdioecious species from the south-eastern USA. <i>Nematology</i> , 2014, 16, 695-709.	0.2	8
83	Identification of Distinct <i>Bacillus thuringiensis</i> 4A4 Nematicidal Factors Using the Model Nematodes <i>Pristionchus pacificus</i> and <i>Caenorhabditis elegans</i> . <i>Toxins</i> , 2014, 6, 2050-2063.	1.5	22
84	Natural variation in cold tolerance in the nematode <i>Pristionchus pacificus</i> : the role of genotype and environment. <i>Biology Open</i> , 2014, 3, 832-838.	0.6	10
85	Draft Genome Sequence of Highly Nematicidal <i>Bacillus thuringiensis</i> DB27. <i>Genome Announcements</i> , 2014, 2, .	0.8	9
86	Opposing Forces of A/T-Biased Mutations and G/C-Biased Gene Conversions Shape the Genome of the Nematode <i>Pristionchus pacificus</i> . <i>Genetics</i> , 2014, 196, 1145-1152.	1.2	42
87	Landscape and oceanic barriers shape dispersal and population structure in the island nematode <i>Pristionchus pacificus</i> . <i>Biological Journal of the Linnean Society</i> , 2014, 112, 1-15.	0.7	11
88	Adaptive value of a predatory mouth-form in a dimorphic nematode. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141334.	1.2	55
89	Characterization of Genetic Diversity in the Nematode <i>Pristionchus pacificus</i> from Population-Scale Resequencing Data. <i>Genetics</i> , 2014, 196, 1153-1165.	1.2	79
90	<i>B. subtilis</i> GS67 Protects <i>C. elegans</i> from Gram-Positive Pathogens via Fengycin-Mediated Microbial Antagonism. <i>Current Biology</i> , 2014, 24, 2720-2727.	1.8	35

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91	Natural Variation in Dauer Pheromone Production and Sensing Supports Intraspecific Competition in Nematodes. <i>Current Biology</i> , 2014, 24, 1536-1541.	1.8	47
92	A wax ester promotes collective host finding in the nematode <i>Pristionchus pacificus</i> . <i>Nature Chemical Biology</i> , 2014, 10, 281-285.	3.9	23
93	<i>Bacillus thuringiensis</i> DB27 Produces Two Novel Protoxins, Cry21Fa1 and Cry21Ha1, Which Act Synergistically against Nematodes. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3266-3275.	1.4	39
94	Genome-wide analysis of trans-splicing in the nematode <i>Pristionchus pacificus</i> unravels conserved gene functions for germline and dauer development in divergent operons. <i>Rna</i> , 2014, 20, 1386-1397.	1.6	12
95	A host beetle pheromone regulates development and behavior in the nematode <i>Pristionchus pacificus</i> . <i>ELife</i> , 2014, 3, .	2.8	29
96	<i>LeptoJacobus dorci</i> n. gen., n. sp. (Nematoda: Diplogastridae), an Associate of <i>Dorcus</i> Stag Beetles (Coleoptera: Lucanidae). <i>Journal of Nematology</i> , 2014, 46, 50-9.	0.4	7
97	Two new and two recharacterized species from a radiation of <i>pristionchus</i> (nematoda): <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50</i>	0.4	15
98	Three new species of <i>Pristionchus</i> (Nematoda: Diplogastridae) show morphological divergence through evolutionary intermediates of a novel feeding-structure polymorphism. <i>Zoological Journal of the Linnean Society</i> , 2013, 168, 671-698.	1.0	25
99	A Developmental Switch Coupled to the Evolution of Plasticity Acts through a Sulfatase. <i>Cell</i> , 2013, 155, 922-933.	13.5	161
100	Two New Species of <i>Pristionchus</i> (Nematoda: Diplogastridae) Support the Biogeographic Importance of Japan for the Evolution of the Genus <i>Pristionchus</i> and the Model System <i>P. pacificus</i> . <i>Zoological Science</i> , 2013, 30, 680-692.	0.3	24
101	System-wide Rewiring Underlies Behavioral Differences in Predatory and Bacterial-Feeding Nematodes. <i>Cell</i> , 2013, 152, 109-119.	13.5	133
102	Cryptic variation in vulva development by cis-regulatory evolution of a Hairy-binding site. <i>Nature Communications</i> , 2013, 4, 1714.	5.8	21
103	<i>Sudhausia aristotokia</i> n. gen., n. sp. and <i>S. crassa</i> n. gen., n. sp. (Nematoda: Diplogastridae): viviparous new species with precocious gonad development. <i>Nematology</i> , 2013, 15, 1001-1020.	0.2	8
104	2. Reproduction and development in Nematodes. , 2013, , 61-108.		4
105	New Role for DCR-1/Dicer in <i>Caenorhabditis elegans</i> Innate Immunity against the Highly Virulent Bacterium <i>Bacillus thuringiensis</i> DB27. <i>Infection and Immunity</i> , 2013, 81, 3942-3957.	1.0	25
106	The nematode <i>Pristionchus pacificus</i> as a model system for integrative studies in evolutionary biology. <i>Molecular Ecology</i> , 2013, 22, 2380-2393.	2.0	77
107	Feeding plasticity in the nematode <i>Pristionchus pacificus</i> is influenced by sex and social context and is linked to developmental speed. <i>Evolution & Development</i> , 2013, 15, 161-170.	1.1	57
108	Natural variation in chemosensation: lessons from an island nematode. <i>Ecology and Evolution</i> , 2013, 3, 5209-5224.	0.8	21

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109	Unraveling the evolutionary history of the nematode <i>Pristionchus pacificus</i> : from lineage diversification to island colonization. <i>Ecology and Evolution</i> , 2013, 3, 667-675.	0.8	15
110	<i>Pristionchus bucculentus</i> n. sp. (Rhabditida: Diplogastridae) Isolated from a Shining Mushroom Beetle (Coleoptera: Scaphidiidae) in Hokkaido, Japan. <i>Journal of Nematology</i> , 2013, 45, 78-86.	0.4	15
111	Two androdioecious and one dioecious new species of <i>pristionchus</i> (nematoda: diplogastridae): new reference points for the evolution of reproductive mode. <i>Journal of Nematology</i> , 2013, 45, 172-94.	0.4	15
112	Tandem-Repeat Patterns and Mutation Rates in Microsatellites of the Nematode Model Organism <i>Pristionchus pacificus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1027-1034.	0.8	11
113	Genome-Wide Analysis of Germline Signaling Genes Regulating Longevity and Innate Immunity in the Nematode <i>Pristionchus pacificus</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002864.	2.1	23
114	<i>Parapristionchus giblindavisi</i> n. gen., n. sp. (Rhabditida: Diplogastridae) isolated from stag beetles (Coleoptera: Lucanidae) in Japan. <i>Nematology</i> , 2012, 14, 933-947.	0.2	21
115	The Evolution of Novelty in Conserved Gene Families. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-8.	1.0	5
116	Phosphoproteome of <i>Pristionchus pacificus</i> Provides Insights into Architecture of Signaling Networks in Nematode Models. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1631-1639.	2.5	30
117	Complex Small-Molecule Architectures Regulate Phenotypic Plasticity in a Nematode. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12438-12443.	7.2	88
118	The importance of being regular: <i>Caenorhabditis elegans</i> and <i>Pristionchus pacificus</i> defecation mutants are hypersusceptible to bacterial pathogens. <i>International Journal for Parasitology</i> , 2012, 42, 747-753.	1.3	32
119	Structure and Glycolipid Binding Properties of the Nematicidal Protein Cry5B. <i>Biochemistry</i> , 2012, 51, 9911-9921.	1.2	68
120	Evolution of Regulatory Networks: Nematode Vulva Induction as an Example of Developmental Systems Drift. <i>Advances in Experimental Medicine and Biology</i> , 2012, 751, 79-91.	0.8	32
121	Divergent gene expression in the conserved dauer stage of the nematodes <i>Pristionchus pacificus</i> and <i>Caenorhabditis elegans</i> . <i>BMC Genomics</i> , 2012, 13, 254.	1.2	38
122	Description of Three <i>Pristionchus</i> Species (Nematoda: Diplogastridae) from Japan that Form a Cryptic Species Complex with the Model Organism <i>P. pacificus</i> . <i>Zoological Science</i> , 2012, 29, 403.	0.3	63
123	Expressional and functional variation of horizontally acquired cellulases in the nematode <i>Pristionchus pacificus</i> . <i>Gene</i> , 2012, 506, 274-282.	1.0	27
124	System Wide Analysis of the Evolution of Innate Immunity in the Nematode Model Species <i>Caenorhabditis elegans</i> and <i>Pristionchus pacificus</i> . <i>PLoS ONE</i> , 2012, 7, e44255.	1.1	52
125	Nematode model systems in evolution and development. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2012, 1, 389-400.	5.9	20
126	Multi locus analysis of <i>Pristionchus pacificus</i> on La Réunion Island reveals an evolutionary history shaped by multiple introductions, constrained dispersal events and rare outcrossing. <i>Molecular Ecology</i> , 2012, 21, 250-266.	2.0	61

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127	Two New Species of <i>Pristionchus</i> (Rhabditida: Diplogastridae): <i>P. fissidentatus</i> n. sp. from Nepal and La Réunion Island and <i>P. elegans</i> n. sp. from Japan. <i>Journal of Nematology</i> , 2012, 44, 80-91.	0.4	20
128	Hormone Signaling and Phenotypic Plasticity in Nematode Development and Evolution. <i>Current Biology</i> , 2011, 21, R758-R766.	1.8	70
129	<i>Pristionchus uniformis</i> , should I stay or should I go? Recent host range expansion in a European nematode. <i>Ecology and Evolution</i> , 2011, 1, 468-478.	0.8	7
130	Comparative Genetics and Genomics of Nematodes: Genome Structure, Development, and Lifestyle. <i>Annual Review of Genetics</i> , 2011, 45, 1-20.	3.2	71
131	Horizontal gene transfer of microbial cellulases into nematode genomes is associated with functional assimilation and gene turnover. <i>BMC Evolutionary Biology</i> , 2011, 11, 13.	3.2	98
132	Computational archaeology of the <i>Pristionchus pacificus</i> genome reveals evidence of horizontal gene transfers from insects. <i>BMC Evolutionary Biology</i> , 2011, 11, 239.	3.2	42
133	<i>Pristionchus pacificus</i> <i>daf-16</i> is essential for dauer formation but dispensable for mouth form dimorphism. <i>Development (Cambridge)</i> , 2011, 138, 1281-1284.	1.2	31
134	Host-finding behaviour in the nematode <i>Pristionchus pacificus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3260-3269.	1.2	23
135	Natural variation in <i>Pristionchus pacificus</i> dauer formation reveals cross-preference rather than self-preference of nematode dauer pheromones. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2784-2790.	1.2	56
136	Antagonism of LIN-17/ <i>Frizzled</i> and LIN-18/ <i>Ryk</i> in Nematode Vulva Induction Reveals Evolutionary Alterations in Core Developmental Pathways. <i>PLoS Biology</i> , 2011, 9, e1001110.	2.6	78
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