

# Christian Braendle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7277988/publications.pdf>

Version: 2024-02-01

51  
papers

3,739  
citations

257357

24  
h-index

197736

49  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolating <i>Caenorhabditis elegans</i> from the Natural Habitat. <i>Methods in Molecular Biology</i> , 2022, 2468, 283-292.	0.4	1
2	Selfing is the safest sex for <i>Caenorhabditis tropicalis</i> . <i>ELife</i> , 2021, 10, .	2.8	37
3	A single-nucleotide change underlies the genetic assimilation of a plastic trait. <i>Science Advances</i> , 2021, 7, .	4.7	22
4	Ubiquitous Selfish Toxin-Antidote Elements in <i>Caenorhabditis</i> Species. <i>Current Biology</i> , 2021, 31, 990-1001.e5.	1.8	27
5	Balancing selection maintains hyper-divergent haplotypes in <i>Caenorhabditis elegans</i> . <i>Nature Ecology and Evolution</i> , 2021, 5, 794-807.	3.4	89
6	Germ cell apoptosis is critical to maintain <i>Caenorhabditis elegans</i> offspring viability in stressful environments. <i>PLoS ONE</i> , 2021, 16, e0260573.	1.1	12
7	A Natural Mutational Event Uncovers a Life History Trade-Off via Hormonal Pleiotropy. <i>Current Biology</i> , 2020, 30, 4142-4154.e9.	1.8	15
8	Natural Variation and Genetic Determinants of <i>Caenorhabditis elegans</i> Sperm Size. <i>Genetics</i> , 2019, 213, 615-632.	1.2	19
9	Selection and gene flow shape niche-associated variation in pheromone response. <i>Nature Ecology and Evolution</i> , 2019, 3, 1455-1463.	3.4	41
10	Developmental fidelity is imposed by genetically separable RalGEF activities that mediate opposing signals. <i>PLoS Genetics</i> , 2019, 15, e1008056.	1.5	10
11	Comparative genomics of 10 new <i>Caenorhabditis</i> species. <i>Evolution Letters</i> , 2019, 3, 217-236.	1.6	106
12	Natural Genetic Variation in a Multigenerational Phenotype in <i>C.Âelegans</i> . <i>Current Biology</i> , 2018, 28, 2588-2596.e8.	1.8	39
13	Physiological Starvation Promotes <i>Caenorhabditis elegans</i> Vulval Induction. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3069-3081.	0.8	8
14	Ephemeral-habitat colonization and neotropical species richness of <i>Caenorhabditis</i> nematodes. <i>BMC Ecology</i> , 2017, 17, 43.	3.0	34
15	Larval crowding accelerates <i>C. elegans</i> development and reduces lifespan. <i>PLoS Genetics</i> , 2017, 13, e1006717.	1.5	60
16	The Genetic Basis of Natural Variation in <i>Caenorhabditis elegans</i> Telomere Length. <i>Genetics</i> , 2016, 204, 371-383.	1.2	117
17	Convergent evolution of sperm gigantism and the developmental origins of sperm size variability in <i>Caenorhabditis</i> nematodes. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2485-2503.	1.1	23
18	Complex heterochrony underlies the evolution of <i>Caenorhabditis elegans</i> hermaphrodite sex allocation. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2357-2369.	1.1	20

#	ARTICLE	IF	CITATIONS
19	Anchor cell signaling and vulval precursor cell positioning establish a reproducible spatial context during <i>C. elegans</i> vulval induction. <i>Developmental Biology</i> , 2016, 416, 123-135.	0.9	17
20	<i>Caenorhabditis elegans</i> responses to bacteria from its natural habitats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3941-9.	3.3	317
21	Evolutionarily divergent thermal sensitivity of germline development and fertility in hermaphroditic <i>Caenorhabditis</i> nematodes. <i>Evolution &amp; Development</i> , 2015, 17, 380-397.	1.1	35
22	Workshop report: <i>Caenorhabditis</i> nematodes as model organisms to study trait variation and its evolution. <i>Worm</i> , 2015, 4, e1021109.	1.0	5
23	Sampling and Isolation of <i>C. elegans</i> from the Natural Habitat. <i>Methods in Molecular Biology</i> , 2015, 1327, 221-229.	0.4	5
24	Cryptic genetic variation uncovers evolution of environmentally sensitive parameters in <i>Caenorhabditis</i> vulval development. <i>Evolution &amp; Development</i> , 2014, 16, 278-291.	1.1	14
25	A Streamlined System for Species Diagnosis in <i>Caenorhabditis</i> (Nematoda: Rhabditidae) with Name Designations for 15 Distinct Biological Species. <i>PLoS ONE</i> , 2014, 9, e94723.	1.1	140
26	Species richness, distribution and genetic diversity of <i>Caenorhabditis</i> nematodes in a remote tropical rainforest. <i>BMC Evolutionary Biology</i> , 2013, 13, 10.	3.2	71
27	OUTBREEDING DEPRESSION WITH LOW GENETIC VARIATION IN SELFING <i>CAENORHABDITIS</i> NEMATODES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3087-3101.	1.1	55
28	Pheromones: Evolving Language of Chemical Communication in Nematodes. <i>Current Biology</i> , 2012, 22, R294-R296.	1.8	11
29	A phylogeny and molecular barcodes for <i>Caenorhabditis</i> , with numerous new species from rotting fruits. <i>BMC Evolutionary Biology</i> , 2011, 11, 339.	3.2	317
30	Integrating mechanistic and evolutionary analysis of life history variation. , 2011, , 3-10.		61
31	The natural history of <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2010, 20, R965-R969.	1.8	369
32	Bias and Evolution of the Mutationally Accessible Phenotypic Space in a Developmental System. <i>PLoS Genetics</i> , 2010, 6, e1000877.	1.5	63
33	The other side of phenotypic plasticity: a developmental system that generates an invariant phenotype despite environmental variation. <i>Journal of Biosciences</i> , 2009, 34, 543-551.	0.5	18
34	Plasticity and Errors of a Robust Developmental System in Different Environments. <i>Developmental Cell</i> , 2008, 15, 714-724.	3.1	129
35	Mechanisms and Evolution of Environmental Responses in <i>Caenorhabditis elegans</i> . <i>Current Topics in Developmental Biology</i> , 2007, 80, 171-207.	1.0	36
36	Wing dimorphism in aphids. <i>Heredity</i> , 2006, 97, 192-199.	1.2	297

#	ARTICLE	IF	CITATIONS
37	Sex Determination: Ways to Evolve a Hermaphrodite. <i>Current Biology</i> , 2006, 16, R468-R471.	1.8	20
38	A role for genetic accommodation in evolution?. <i>BioEssays</i> , 2006, 28, 868-873.	1.2	85
39	Genetic mapping of aphicarus â€“ a sex-linked locus controlling a wing polymorphism in the pea aphid ( <i>Acyrtosiphon pisum</i> ). <i>Heredity</i> , 2005, 94, 435-442.	1.2	66
40	Genetic variation for an aphid wing polyphenism is genetically linked to a naturally occurring wing polymorphism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 657-664.	1.2	66
41	Correction for Braendle et al. , Genetic variation for an aphid wing polyphenism is genetically linked to a naturally occurring wing polymorphism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2659-2659.	1.2	1
42	Seasonal extension of the soldier instar as a route to increased defence investment in the social aphid <i>Pemphigus spyrothecae</i> . <i>Ecological Entomology</i> , 2004, 29, 89-95.	1.1	13
43	Defensive Behavior in Primary- and Secondary-Host Generations of the Soldier-Producing Aphid, <i>Pemphigus bursarius</i> (Hemiptera: Aphididae). <i>Journal of Insect Behavior</i> , 2004, 17, 663-672.	0.4	4
44	Size-correlated division of labour and spatial distribution of workers in the driver ant, <i>Dorylus molestus</i> . <i>Die Naturwissenschaften</i> , 2003, 90, 277-281.	0.6	11
45	A comparison of parthenogenetic and sexual embryogenesis of the pea aphid <i>Acyrtosiphon pisum</i> (Hemiptera: Aphidoidea). <i>The Journal of Experimental Zoology</i> , 2003, 295B, 59-81.	1.4	196
46	Developmental Origin and Evolution of Bacteriocytes in the Aphidâ€“ <i>Buchnera</i> Symbiosis. <i>PLoS Biology</i> , 2003, 1, e21.	2.6	221
47	A sex-linked locus controls wing polymorphism in males of the pea aphid, <i>Acyrtosiphon pisum</i> (Harris). <i>Heredity</i> , 2002, 89, 346-352.	1.2	80
48	Body colour and genetic variation in winged morph production in the pea aphid. <i>Entomologia Experimentalis Et Applicata</i> , 2001, 99, 217-223.	0.7	41
49	Variation in Escape Behavior of Red and Green Clones of the Pea Aphid. , 2001, 14, 497-509.		69
50	Predator-induced morphological shift in the pea aphid. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1175-1181.	1.2	190
51	Helping Behaviour in Captive Pileated Gibbons ( <i>Hylobates pileatus</i> ). <i>Folia Primatologica</i> , 1997, 68, 110-112.	0.3	4