

# Erich M Schwarz

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,346  
citations

331670

21  
h-index

434195

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	WormBase: a comprehensive resource for nematode research. <i>Nucleic Acids Research</i> , 2010, 38, D463-D467.	14.5	325
2	<i>Ascaris suum</i> draft genome. <i>Nature</i> , 2011, 479, 529-533.	27.8	246
3	The genome and developmental transcriptome of the strongylid nematode <i>Haemonchus contortus</i> . <i>Genome Biology</i> , 2013, 14, R89.	9.6	192
4	WormBase 2012: more genomes, more data, new website. <i>Nucleic Acids Research</i> , 2012, 40, D735-D741.	14.5	175
5	Transducing Touch in <i>Caenorhabditis elegans</i> . <i>Annual Review of Physiology</i> , 2003, 65, 429-452.	13.1	141
6	Recompleting the <i>Caenorhabditis elegans</i> genome. <i>Genome Research</i> , 2019, 29, 1009-1022.	5.5	108
7	Rapid genome shrinkage in a self-fertile nematode reveals sperm competition proteins. <i>Science</i> , 2018, 359, 55-61.	12.6	102
8	Genome and transcriptome of the porcine whipworm <i>Trichuris suis</i> . <i>Nature Genetics</i> , 2014, 46, 701-706.	21.4	93
9	The genome and transcriptome of the zoonotic hookworm <i>Ancylostoma ceylanicum</i> identify infection-specific gene families. <i>Nature Genetics</i> , 2015, 47, 416-422.	21.4	91
10	Aminoacyl-transferases and the N-end rule pathway of prokaryotic/eukaryotic specificity in a human pathogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3078-3083.	7.1	85
11	<i>C. elegans</i> Stress-Induced Sleep Emerges from the Collective Action of Multiple Neuropeptides. <i>Current Biology</i> , 2016, 26, 2446-2455.	3.9	84
12	Scaffolding a <i>Caenorhabditis</i> nematode genome with RNA-seq. <i>Genome Research</i> , 2010, 20, 1740-1747.	5.5	83
13	Nematophagous fungus <i>Arthrobotrys oligospora</i> mimics olfactory cues of sex and food to lure its nematode prey. <i>ELife</i> , 2017, 6, .	6.0	75
14	WormBase: better software, richer content. <i>Nucleic Acids Research</i> , 2006, 34, D475-D478.	14.5	74
15	cGAL, a temperature-robust GAL4-UAS system for <i>Caenorhabditis elegans</i> . <i>Nature Methods</i> , 2017, 14, 145-148.	19.0	69
16	Cephalopod genomics: A plan of strategies and organization. <i>Standards in Genomic Sciences</i> , 2012, 7, 175-188.	1.5	53
17	Robust organ size requires robust timing of initiation orchestrated by focused auxin and cytokinin signalling. <i>Nature Plants</i> , 2020, 6, 686-698.	9.3	48
18	The tubulin repertoire of <i>Caenorhabditis elegans</i> sensory neurons and its context-dependent role in process outgrowth. <i>Molecular Biology of the Cell</i> , 2016, 27, 3717-3728.	2.1	47

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19	Genetic interactions among cortical malformation genes that influence susceptibility to convulsions in <i>C. elegans</i> . <i>Brain Research</i> , 2006, 1120, 23-34.	2.2	39
20	Functional transcriptomics of a migrating cell in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16246-16251.	7.1	39
21	Promotion of Bone Morphogenetic Protein Signaling by Tetraspanins and Glycosphingolipids. <i>PLoS Genetics</i> , 2015, 11, e1005221.	3.5	26
22	Multigenome DNA sequence conservation identifies <i>Hox cis</i> -regulatory elements. <i>Genome Research</i> , 2008, 18, 1955-1968.	5.5	25
23	Transcriptomic Resources for Parasitic Nematodes of Veterinary Importance. <i>Trends in Parasitology</i> , 2019, 35, 72-84.	3.3	20
24	Genome sequence of the oyster mushroom <i>Pleurotus ostreatus</i> strain PC9. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	20
25	Genomic classification of protein-coding gene families. <i>WormBook</i> , 2005, , 1-23.	5.3	19
26	Transcriptomic Effects of the Cell Cycle Regulator LGO in <i>Arabidopsis</i> Sepals. <i>Frontiers in Plant Science</i> , 2016, 7, 1744.	3.6	18
27	The Long Non-Coding RNA <i>lep-5</i> Promotes the Juvenile-to-Adult Transition by Destabilizing LIN-28. <i>Developmental Cell</i> , 2019, 49, 542-555.e9.	7.0	13
28	Identification of DVA Interneuron Regulatory Sequences in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2013, 8, e54971.	2.5	12
29	A highly expressed intestinal cysteine protease of <i>Ancylostoma ceylanicum</i> protects vaccinated hamsters from hookworm infection. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007345.	3.0	11
30	Evolution: A Parthenogenetic Nematode Shows How Animals Become Sexless. <i>Current Biology</i> , 2017, 27, R1064-R1066.	3.9	6
31	Genomic analyses of two Italian oyster mushroom <i>Pleurotus pulmonarius</i> strains. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	6