

# Peter Swoboda

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,653  
citations

304602

22  
h-index

345118

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3200  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>C. elegans</i> regulatory factor X (RFX) DAF-19M module: A shift from general ciliogenesis to cell-specific ciliary and behavioral specialization. <i>Cell Reports</i> , 2022, 39, 110661.	2.9	4
2	Differentiation of ciliated human midbrain-derived LUHMES neurons. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	6
3	Redox-dependent and redox-independent functions of <i>Caenorhabditis elegans</i> thioredoxin 1. <i>Redox Biology</i> , 2019, 24, 101178.	3.9	9
4	An Expanded Role for the RFX Transcription Factor DAF-19, with Dual Functions in Ciliated and Nonciliated Neurons. <i>Genetics</i> , 2018, 208, 1083-1097.	1.2	11
5	Characterization of the human RFX transcription factor family by regulatory and target gene analysis. <i>BMC Genomics</i> , 2018, 19, 181.	1.2	73
6	DAF-16/FOXO and HLH-30/TFEB function as combinatorial transcription factors to promote stress resistance and longevity. <i>Nature Communications</i> , 2018, 9, 4400.	5.8	113
7	Cilia in Brain Development and Disease. , 2018, , 1-35.		4
8	Ciliary dyslexia candidate genes <i>DYX1C1</i> and <i>DCDC2</i> are regulated by Regulatory Factor X (RFX) transcription factors through X-box promoter motifs. <i>FASEB Journal</i> , 2016, 30, 3578-3587.	0.2	28
9	Neuropeptidergic Signaling and Active Feeding State Inhibit Nociception in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2016, 36, 3157-3169.	1.7	41
10	TRX-1 Regulates SKN-1 Nuclear Localization Cell Non-autonomously in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2016, 203, 387-402.	1.2	18
11	ABCE1 Is a Highly Conserved RNA Silencing Suppressor. <i>PLoS ONE</i> , 2015, 10, e0116702.	1.1	14
12	<i>Cis</i> - and <i>Trans</i> -Regulatory Mechanisms of Gene Expression in the ASJ Sensory Neuron of <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 200, 123-134.	1.2	14
13	Iron promotes protein insolubility and aging in <i>C. elegans</i> . <i>Aging</i> , 2014, 6, 975-988.	1.4	57
14	Switching on cilia: transcriptional networks regulating ciliogenesis. <i>Development (Cambridge)</i> , 2014, 141, 1427-1441.	1.2	273
15	Functional characterization of thioredoxin 3 (TRX-3), a <i>Caenorhabditis elegans</i> intestine-specific thioredoxin. <i>Free Radical Biology and Medicine</i> , 2014, 68, 205-219.	1.3	19
16	RNAi mediates post-transcriptional repression of gene expression in fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 254-259.	1.0	18
17	Protective effects of the thioredoxin and glutaredoxin systems in dopamine-induced cell death. <i>Free Radical Biology and Medicine</i> , 2014, 73, 328-336.	1.3	41
18	Finding Ciliary Genes. <i>Methods in Enzymology</i> , 2013, 525, 327-350.	0.4	6

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19	The in vivo dissection of direct RFX-target gene promoters in <i>C. elegans</i> reveals a novel cis-regulatory element, the C-box. <i>Developmental Biology</i> , 2012, 368, 415-426.	0.9	23
20	The thioredoxin TRX-1 regulates adult lifespan extension induced by dietary restriction in <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 478-482.	1.0	36
21	The Thioredoxin TRX-1 Modulates the Function of the Insulin-Like Neuropeptide DAF-28 during Dauer Formation in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2011, 6, e16561.	1.1	18
22	Increased Expression of the Dyslexia Candidate Gene DCDC2 Affects Length and Signaling of Primary Cilia in Neurons. <i>PLoS ONE</i> , 2011, 6, e20580.	1.1	113
23	Food sensitizes <i>C. elegans</i> avoidance behaviours through acute dopamine signalling. <i>EMBO Journal</i> , 2011, 30, 1110-1122.	3.5	124
24	Transcriptional profiling of <i>C. elegans</i> DAF-19 uncovers a ciliary base-associated protein and a CDK/CCRK/LF2p-related kinase required for intraflagellar transport. <i>Developmental Biology</i> , 2011, 357, 235-247.	0.9	65
25	Dauer pheromone and G-protein signaling modulate the coordination of intraflagellar transport kinesin motor proteins in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2010, 123, 2077-2084.	1.2	12
26	Regulatory Factor X (RFX)-mediated transcriptional rewiring of ciliary genes in animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12969-12974.	3.3	89
27	Worms With a Single Functional Sensory Cilium Generate Proper Neuron-Specific Behavioral Output. <i>Genetics</i> , 2009, 183, 595-605.	1.2	12
28	Distinct Isoforms of the RFX Transcription Factor DAF-19 Regulate Ciliogenesis and Maintenance of Synaptic Activity. <i>Molecular Biology of the Cell</i> , 2008, 19, 5517-5528.	0.9	49
29	Identification of novel regulatory factor X (RFX) target genes by comparative genomics in <i>Drosophila</i> species. <i>Genome Biology</i> , 2007, 8, R195.	13.9	97
30	Identification of ciliary and ciliopathy genes in <i>Caenorhabditis elegans</i> through comparative genomics. <i>Genome Biology</i> , 2006, 7, R126.	13.9	86
31	Lifespan decrease in a <i>Caenorhabditis elegans</i> mutant lacking TRX-1, a thioredoxin expressed in ASJ sensory neurons. <i>FEBS Letters</i> , 2006, 580, 484-490.	1.3	78
32	Functional Genomics of the Cilium, a Sensory Organelle. <i>Current Biology</i> , 2005, 15, 935-941.	1.8	245
33	Analysis of <i>xbx</i> genes in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2005, 132, 1923-1934.	1.2	175
34	The <i>C. elegans</i> homologs of nephrocystin-1 and nephrocystin-4 are cilia transition zone proteins involved in chemosensory perception. <i>Journal of Cell Science</i> , 2005, 118, 5575-5587.	1.2	103
35	XBX-1 Encodes a Dynein Light Intermediate Chain Required for Retrograde Intraflagellar Transport and Cilia Assembly in <i>Caenorhabditis elegans</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 2057-2070.	0.9	120
36	<i>Drosophila</i> Regulatory factor X is necessary for ciliated sensory neuron differentiation. <i>Development (Cambridge)</i> , 2002, 129, 5487-5498.	1.2	142

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37	The RFX-Type Transcription Factor DAF-19 Regulates Sensory Neuron Cilium Formation in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 5, 411-421.	4.5	314