

# Asako Sugimoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/479180/publications.pdf>

Version: 2024-02-01

50  
papers

3,222  
citations

279487

23  
h-index

205818

48  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale analysis of gene function in <i>Caenorhabditis elegans</i> by high-throughput RNAi. <i>Current Biology</i> , 2001, 11, 171-176.	1.8	677
2	<i>Schizosaccharomyces pombe</i> <i>ste11+</i> encodes a transcription factor with an HMG motif that is a critical regulator of sexual development.. <i>Genes and Development</i> , 1991, 5, 1990-1999.	2.7	342
3	Type II Myosin Heavy Chain Encoded by the <i>myo2</i> Gene Composes the Contractile Ring during Cytokinesis in <i>Schizosaccharomyces pombe</i> . <i>Journal of Cell Biology</i> , 1997, 137, 1309-1319.	2.3	205
4	<i>end-1</i> encodes an apparent GATA factor that specifies the endoderm precursor in <i>Caenorhabditis elegans</i> embryos. <i>Genes and Development</i> , 1997, 11, 2883-2896.	2.7	203
5	Sequential functioning of the ECT-2 RhoGEF, RHO-1 and CDC-42 establishes cell polarity in <i>Caenorhabditis elegans</i> embryos. <i>Nature Cell Biology</i> , 2006, 8, 978-985.	4.6	162
6	A new mechanism controlling kinetochore-microtubule interactions revealed by comparison of two dynein-targeting components: SPDL-1 and the Rod/Zwilch/Zw10 complex. <i>Genes and Development</i> , 2008, 22, 2385-2399.	2.7	156
7	Essential role of the <i>C. elegans</i> Arp2/3 complex in cell migration during ventral enclosure. <i>Journal of Cell Science</i> , 2003, 116, 1505-1518.	1.2	112
8	PGL proteins self associate and bind RNPs to mediate germ granule assembly in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2011, 192, 929-937.	2.3	105
9	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2018, 9, 3216.	5.8	102
10	Protein phosphatase 4 is required for centrosome maturation in mitosis and sperm meiosis in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2002, 115, 1403-1410.	1.2	86
11	High-throughput RNAi in <i>Caenorhabditis elegans</i> : genome-wide screens and functional genomics. <i>Differentiation</i> , 2004, 72, 81-91.	1.0	85
12	Two Phases of Astral Microtubule Activity during Cytokinesis in <i>C. elegans</i> Embryos. <i>Developmental Cell</i> , 2006, 10, 509-520.	3.1	84
13	Protein phosphatase 4 is required for centrosome maturation in mitosis and sperm meiosis in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2002, 115, 1403-10.	1.2	78
14	EGG-3 Regulates Cell-Surface and Cortex Rearrangements during Egg Activation in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2007, 17, 1555-1560.	1.8	76
15	A kinase-independent role for Aurora A in the assembly of mitotic spindle microtubules in <i>Caenorhabditis elegans</i> embryos. <i>Nature Cell Biology</i> , 2011, 13, 708-714.	4.6	76
16	<i>Schizosaccharomyces pombe</i> <i>pac2+</i> controls the onset of sexual development via a pathway independent of the cAMP cascade. <i>Current Genetics</i> , 1995, 28, 32-38.	0.8	60
17	Tubulin isotype substitution revealed that isotype composition modulates microtubule dynamics in <i>C. elegans</i> embryos. <i>Journal of Cell Science</i> , 2017, 130, 1652-1661.	1.2	39
18	Distinct Developmental Function of Two <i>Caenorhabditis elegans</i> Homologs of the Cohesin Subunit <i>Scc1/Rad21</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 2399-2409.	0.9	37

#	ARTICLE	IF	CITATIONS
19	Caenorhabditis elegans Geminin Homologue Participates in Cell Cycle Regulation and Germ Line Development. Journal of Biological Chemistry, 2005, 280, 19689-19694.	1.6	32
20	The Role of Protein Phosphatase 4 in Regulating Microtubule Severing in the Caenorhabditis elegans Embryo. Genetics, 2009, 181, 933-943.	1.2	31
21	Schizosaccharomyces pombe zfs1+ encoding a zinc-finger protein functions in the mating pheromone recognition pathway. Molecular Biology of the Cell, 1995, 6, 1185-1195.	0.9	30
22	Tissue Architecture in the Caenorhabditis elegans Gonad Depends on Interactions Among Fibulin-1, Type IV Collagen and the ADAMTS Extracellular Protease. Genetics, 2012, 190, 1379-1388.	1.2	30
23	Caenorhabditis elegans DAZ-1 is expressed in proliferating germ cells and directs proper nuclear organization and cytoplasmic core formation during oogenesis. Developmental Biology, 2005, 277, 142-154.	0.9	29
24	The Caenorhabditis elegans DDX23, a homolog of yeast splicing factor PRP28, is required for the sperm-to-oocyte switch and differentiation of various cell types. Developmental Dynamics, 2008, 237, 2367-2377.	0.8	28
25	Imaging of Mitotic Spindle Dynamics in Caenorhabditis elegans Embryos. Methods in Cell Biology, 2010, 97, 359-372.	0.5	27
26	The nucleoporin Nup205/NPP-3 is lost near centrosomes at mitotic onset and can modulate the timing of this process in Caenorhabditis elegans embryos. Molecular Biology of the Cell, 2012, 23, 3111-3121.	0.9	27
27	The C. elegans eyes absent ortholog EYA-1 is required for tissue differentiation and plays partially redundant roles with PAX-6. Developmental Biology, 2005, 286, 452-463.	0.9	25
28	Protein Phosphatase 4 Promotes Chromosome Pairing and Synapsis, and Contributes to Maintaining Crossover Competence with Increasing Age. PLoS Genetics, 2014, 10, e1004638.	1.5	24
29	The UBXN-2/p37/p47 adaptors of CDC-48/p97 regulate mitosis by limiting the centrosomal recruitment of Aurora A. Journal of Cell Biology, 2013, 201, 559-575.	2.3	23
30	Caenorhabditis elegans Aurora A kinase is required for the formation of spindle microtubules in female meiosis. Molecular Biology of the Cell, 2015, 26, 4187-4196.	0.9	23
31	The auxin-inducible degron 2 (AID2) system enables controlled protein knockdown during embryogenesis and development in Caenorhabditis elegans. Genetics, 2022, 220, .	1.2	22
32	Important Role of Junctophilin in Nematode Motor Function. Biochemical and Biophysical Research Communications, 2001, 289, 234-239.	1.0	18
33	Streptothricin acetyl transferase 2 (Sat2): A dominant selection marker for Caenorhabditis elegans genome editing. PLoS ONE, 2018, 13, e0197128.	1.1	18
34	Type II platelet-activating factor-acetylhydrolase is essential for epithelial morphogenesis in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13233-13238.	3.3	17
35	The $\beta$ -catenin HMP-2 functions downstream of Src in parallel with the Wnt pathway in early embryogenesis of C. elegans. Developmental Biology, 2011, 355, 302-312.	0.9	17
36	kel-1, a novel Kelch-related gene in Caenorhabditis elegans, is expressed in pharyngeal gland cells and is required for the feeding process. Genes To Cells, 1999, 4, 325-337.	0.5	15

#	ARTICLE	IF	CITATIONS
37	Efficient production of monoclonal antibodies recognizing specific structures in <i>Caenorhabditis elegans</i> embryos using an antigen subtraction method. <i>Genes To Cells</i> , 2008, 13, 653-665.	0.5	11
38	<i>Caenorhabditis elegans</i> ortholog of the p24/p22 subunit, DNC-3, is essential for the formation of the dynactin complex by bridging DNC-1/p150 <sup>Glued</sup> and DNC-2/dynamitin. <i>Genes To Cells</i> , 2010, 15, 1145-1157.	0.5	11
39	The PAF1 complex is involved in embryonic epidermal morphogenesis in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2014, 391, 43-53.	0.9	11
40	Transgenesis by microparticle bombardment for live imaging of fluorescent proteins in <i>Pristionchus pacificus</i> germline and early embryos. <i>Development Genes and Evolution</i> , 2018, 228, 75-82.	0.4	11
41	Expression Patterns and Levels of All Tubulin Isoforms Analyzed in GFP Knock-In <i>C. elegans</i> Strains. <i>Cell Structure and Function</i> , 2021, 46, 51-64.	0.5	10
42	Many Genomic Regions Are Required for Normal Embryonic Programmed Cell Death in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2001, 158, 237-252.	1.2	10
43	Centrosome maturation requires phosphorylation-mediated sequential domain interactions of SPD-5. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	10
44	Fluorescence-labeled neopeltolide derivatives for subcellular localization imaging. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6771-6776.	1.5	7
45	The Role of Tissue Inhibitors of Metalloproteinases in Organ Development and Regulation of ADAMTS Family Metalloproteinases in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 212, 523-535.	1.2	7
46	Cell Polarity: Centrosomes Release Signals for Polarization. <i>Current Biology</i> , 2012, 22, R281-R283.	1.8	4
47	The <i>PAF1</i> complex cell autonomously promotes oogenesis in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2022, 27, 409-420.	0.5	4
48	High-throughput RNAi by soaking in <i>Caenorhabditis elegans</i> . , 2005, , 419-432.		3
49	Toward the second stage of recovery from the 3.11 Tohoku Earthquake. <i>Genes To Cells</i> , 2011, 16, 745-747.	0.5	2
50	Type II platelet-activating factor-acetylhydrolase is essential for epithelial morphogenesis in <i>C. elegans</i> . <i>FASEB Journal</i> , 2006, 20, LB43.	0.2	0