

Asako Sugimoto

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,222
citations

279798

23
h-index

206112

48
g-index

55
all docs

55
docs citations

55
times ranked

3313
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrosome maturation requires phosphorylation-mediated sequential domain interactions of SPD-5. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	10
2	The auxin-inducible degron 2 (AID2) system enables controlled protein knockdown during embryogenesis and development in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2022, 220, .	2.9	22
3	The <i>PAF1</i> complex cell autonomously promotes oogenesis in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2022, 27, 409-420.	1.2	4
4	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.	1.1	10
5	Fluorescence-labeled neopeltolide derivatives for subcellular localization imaging. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6771-6776.	2.8	7
6	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.	2.9	7
7	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.	0.9	11
8	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2018, 9, 3216.	12.8	102
9	Streptothricin acetyl transferase 2 (<i>Sat2</i>): A dominant selection marker for <i>Caenorhabditis elegans</i> genome editing. <i>PLoS ONE</i> , 2018, 13, e0197128.	2.5	18
10	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.	2.0	39
11	<i>Caenorhabditis elegans</i> Aurora A kinase is required for the formation of spindle microtubules in female meiosis. <i>Molecular Biology of the Cell</i> , 2015, 26, 4187-4196.	2.1	23
12	Protein Phosphatase 4 Promotes Chromosome Pairing and Synapsis, and Contributes to Maintaining Crossover Competence with Increasing Age. <i>PLoS Genetics</i> , 2014, 10, e1004638.	3.5	24
13	The <i>PAF1</i> complex is involved in embryonic epidermal morphogenesis in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2014, 391, 43-53.	2.0	11
14	The <i>UBXN-2/p37/p47</i> adaptors of <i>CDC-48/p97</i> regulate mitosis by limiting the centrosomal recruitment of Aurora A. <i>Journal of Cell Biology</i> , 2013, 201, 559-575.	5.2	23
15	Tissue Architecture in the <i>Caenorhabditis elegans</i> Gonad Depends on Interactions Among Fibulin-1, Type IV Collagen and the ADAMTS Extracellular Protease. <i>Genetics</i> , 2012, 190, 1379-1388.	2.9	30
16	The nucleoporin <i>Nup205/NPP-3</i> is lost near centrosomes at mitotic onset and can modulate the timing of this process in <i>Caenorhabditis elegans</i> embryos. <i>Molecular Biology of the Cell</i> , 2012, 23, 3111-3121.	2.1	27
17	Cell Polarity: Centrosomes Release Signals for Polarization. <i>Current Biology</i> , 2012, 22, R281-R283.	3.9	4
18	The β -catenin <i>HMP-2</i> functions downstream of <i>Src</i> in parallel with the Wnt pathway in early embryogenesis of <i>C. elegans</i> . <i>Developmental Biology</i> , 2011, 355, 302-312.	2.0	17

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19	Toward the second stage of recovery from the 3.11 Tohoku Earthquake. <i>Genes To Cells</i> , 2011, 16, 745-747.	1.2	2
20	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.	10.3	76
21	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.	5.2	105
22	<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 ^{Glued} and DNC-2/dynamitin. <i>Genes To Cells</i> , 2010, 15, 1145-1157.	1.2	11
23	Imaging of Mitotic Spindle Dynamics in <i>Caenorhabditis elegans</i> Embryos. <i>Methods in Cell Biology</i> , 2010, 97, 359-372.	1.1	27
24	The Role of Protein Phosphatase 4 in Regulating Microtubule Severing in the <i>Caenorhabditis elegans</i> Embryo. <i>Genetics</i> , 2009, 181, 933-943.	2.9	31
25	The <i>Caenorhabditis elegans</i> DDX-23, a homolog of yeast splicing factor PRP28, is required for the sperm-ooocyte switch and differentiation of various cell types. <i>Developmental Dynamics</i> , 2008, 237, 2367-2377.	1.8	28
26	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.	1.2	11
27	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.	5.9	156
28	EGG-3 Regulates Cell-Surface and Cortex Rearrangements during Egg Activation in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2007, 17, 1555-1560.	3.9	76
29	Two Phases of Astral Microtubule Activity during Cytokinesis in <i>C. elegans</i> Embryos. <i>Developmental Cell</i> , 2006, 10, 509-520.	7.0	84
30	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.	10.3	162
31	Type II platelet-activating factor-acetylhydrolase is essential for epithelial morphogenesis in <i>C. elegans</i> . <i>FASEB Journal</i> , 2006, 20, LB43.	0.5	0
32	High-throughput RNAi by soaking in <i>Caenorhabditis elegans</i> . , 2005, , 419-432.		3
33	<i>Caenorhabditis elegans</i> Geminin Homologue Participates in Cell Cycle Regulation and Germ Line Development. <i>Journal of Biological Chemistry</i> , 2005, 280, 19689-19694.	3.4	32
34	<i>Caenorhabditis elegans</i> DAZ-1 is expressed in proliferating germ cells and directs proper nuclear organization and cytoplasmic core formation during oogenesis. <i>Developmental Biology</i> , 2005, 277, 142-154.	2.0	29
35	The <i>C. elegans</i> eyes absent ortholog EYA-1 is required for tissue differentiation and plays partially redundant roles with PAX-6. <i>Developmental Biology</i> , 2005, 286, 452-463.	2.0	25
36	Type II platelet-activating factor-acetylhydrolase is essential for epithelial morphogenesis in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13233-13238.	7.1	17

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37	High-throughput RNAi in <i>Caenorhabditis elegans</i> : genome-wide screens and functional genomics. <i>Differentiation</i> , 2004, 72, 81-91.	1.9	85
38	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.	2.0	112
39	Distinct Developmental Function of Two <i>Caenorhabditis elegans</i> Homologs of the Cohesin Subunit Scc1/Rad21. <i>Molecular Biology of the Cell</i> , 2003, 14, 2399-2409.	2.1	37
40	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.	2.0	86
41	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.	2.0	78
42	Important Role of Junctophilin in Nematode Motor Function. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 234-239.	2.1	18
43	Large-scale analysis of gene function in <i>Caenorhabditis elegans</i> by high-throughput RNAi. <i>Current Biology</i> , 2001, 11, 171-176.	3.9	677
44	Many Genomic Regions Are Required for Normal Embryonic Programmed Cell Death in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2001, 158, 237-252.	2.9	10
45	<i>kel-1</i> , a novel Kelch-related gene in <i>Caenorhabditis elegans</i> , is expressed in pharyngeal gland cells and is required for the feeding process. <i>Genes To Cells</i> , 1999, 4, 325-337.	1.2	15
46	<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.	5.9	203
47	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.	5.2	205
48	<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.	1.7	60
49	<i>Schizosaccharomyces pombe</i> <i>zfs1+</i> encoding a zinc-finger protein functions in the mating pheromone recognition pathway. <i>Molecular Biology of the Cell</i> , 1995, 6, 1185-1195.	2.1	30
50	<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.	5.9	342