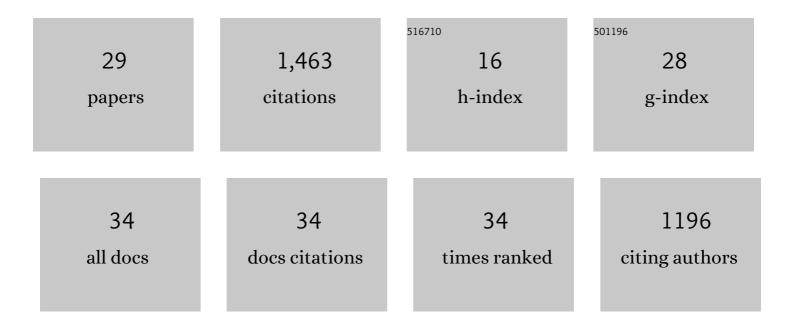
Diane C Shakes

List of Publications by Year in descending order

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DIANE C SHAKES

#	Article	IF	CITATIONS
1	The intrinsically disordered protein SPE-18 promotes localized assembly of MSP in <i>Caenorhabditis elegans</i> spermatocytes. Development (Cambridge), 2021, 148, .	2.5	8
2	Fisher vs. the Worms: Extraordinary Sex Ratios in Nematodes and the Mechanisms that Produce Them. Cells, 2021, 10, 1793.	4.1	9
3	Subcellular patterns of SPE-6 localization reveal unexpected complexities in Caenorhabditis elegans sperm activation and sperm function. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	2
4	MFP1/MSD-1 and MFP2/NSPH-2 co-localize with MSP during spermatogenesis. MicroPublication Biology, 2021, 2021, .	0.1	0
5	The conserved molting/circadian rhythm regulator NHR-23/NR1F1 serves as an essential co-regulator of <i>C. elegans</i> spermatogenesis. Development (Cambridge), 2020, 147, .	2.5	18
6	Localization of SUMO-modified Proteins Using Fluorescent Sumo-trapping Proteins. Journal of Visualized Experiments, 2019, , .	0.3	2
7	Sex- and Gamete-Specific Patterns of X Chromosome Segregation in a Trioecious Nematode. Current Biology, 2018, 28, 93-99.e3.	3.9	22
8	Cytoskeletal variations in an asymmetric cell division support diversity in nematode sperm size and sex ratios. Development (Cambridge), 2017, 144, 3253-3263.	2.5	31
9	Germ cell cysts and simultaneous sperm and oocyte production in a hermaphroditic nematode. Developmental Biology, 2017, 430, 362-373.	2.0	9
10	Forward Genetics Identifies a Requirement for the Izumo-like Immunoglobulin Superfamily spe-45 Gene in Caenorhabditis elegans Fertilization. Current Biology, 2015, 25, 3220-3224.	3.9	31
11	Spermatogenesis. Advances in Experimental Medicine and Biology, 2013, 757, 171-203.	1.6	82
12	SPE-44 Implements Sperm Cell Fate. PLoS Genetics, 2012, 8, e1002678.	3.5	36
13	Immunofluorescence Microscopy. Methods in Cell Biology, 2012, 107, 35-66.	1.1	53
14	The Genetics and Cell Biology of Fertilization. Methods in Cell Biology, 2011, 106, 343-375.	1.1	20
15	Asymmetric spermatocyte division as a mechanism for controlling sex ratios. Nature Communications, 2011, 2, 157.	12.8	52
16	<i>emb-1</i> Encodes the APC16 Subunit of the <i>Caenorhabditis elegans</i> Anaphase-Promoting Complex. Genetics, 2011, 189, 549-560.	2.9	13
17	For Male Caenorhabditis elegans, Sperm Activation Is a "Just-in-Time―Event. PLoS Genetics, 2011, 7, e1002392.	3.5	7
18	Elucidating Gene Regulatory Mechanisms for Sperm Function Through the Integration of Classical and Systems Approaches in <i>C. elegans</i> . Systems Biology in Reproductive Medicine, 2010, 56, 222-235.	2.1	3

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19	Spermatogenesis-Specific Features of the Meiotic Program in Caenorhabditis elegans. PLoS Genetics, 2009, 5, e1000611.	3.5	115
20	Caenorhabditis elegansUBC-2 functions with the anaphase-promoting complex but also has other activities. Journal of Cell Science, 2004, 117, 5427-5435.	2.0	10
21	Developmental defects observed in hypomorphic anaphase-promoting complex mutants are linked to cell cycle abnormalities. Development (Cambridge), 2003, 130, 1605-1620.	2.5	58
22	Multiple Subunits of the Caenorhabditis elegans Anaphase-Promoting Complex Are Required for Chromosome Segregation During Meiosis I. Genetics, 2002, 160, 805-813.	2.9	66
23	Metaphase to Anaphase (mat) Transition–Defective Mutants inCaenorhabditis elegans. Journal of Cell Biology, 2000, 151, 1469-1482.	5.2	159
24	Molecular evolution of the 14-3-3 protein family. Journal of Molecular Evolution, 1996, 43, 384-398.	1.8	203
25	Molecular Evolution of the 14-3-3 Protein Family. Journal of Molecular Evolution, 1996, 43, 384-398.	1.8	15
26	Chapter 16 Immunofluorescence Microscopy. Methods in Cell Biology, 1995, 48, 365-394.	1.1	158
27	Initiation of spermiogenesis in C. elegans: A pharmacological and genetic analysis. Developmental Biology, 1989, 134, 189-200.	2.0	138
28	Mutations that disrupt the morphogenesis and localization of a sperm-specific organelle in Caenorhabditis elegans. Developmental Biology, 1989, 134, 307-316.	2.0	59
29	A sperm-supplied product essential for initiation of normal embryogenesis in Caenorhabditis elegans is encoded by the paternal-effect embryonic-lethal gene, spe-11. Developmental Biology, 1989, 136, 154-166.	2.0	80