

Kota Mizumoto

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

879
citations

687363

13
h-index

752698

20
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42
all docs

42
docs citations

42
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt Signals Can Function as Positional Cues in Establishing Cell Polarity. <i>Developmental Cell</i> , 2006, 10, 391-396.	7.0	155
2	Two $\hat{\beta}$ s or not two $\hat{\beta}$ s: regulation of asymmetric division by $\hat{\beta}$ -catenin. <i>Trends in Cell Biology</i> , 2007, 17, 465-473.	7.9	131
3	Cortical $\hat{\beta}$ -Catenin and APC Regulate Asymmetric Nuclear $\hat{\beta}$ -Catenin Localization during Asymmetric Cell Division in <i>C. elegans</i> . <i>Developmental Cell</i> , 2007, 12, 287-299.	7.0	113
4	Wnt Regulates Spindle Asymmetry to Generate Asymmetric Nuclear $\hat{\beta}$ -Catenin in <i>C. elegans</i> . <i>Cell</i> , 2011, 146, 942-954.	28.9	92
5	Interaxonal Interaction Defines Tiled Presynaptic Innervation in <i>C. elegans</i> . <i>Neuron</i> , 2013, 77, 655-666.	8.1	61
6	Systematic phenomics analysis of autism-associated genes reveals parallel networks underlying reversible impairments in habituation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 656-667.	7.1	57
7	An intersectional gene regulatory strategy defines subclass diversity of <i>C. elegans</i> motor neurons. <i>ELife</i> , 2017, 6, .	6.0	42
8	CRISPR-Cas9 human gene replacement and phenomic characterization in <i>Caenorhabditis elegans</i> to understand the functional conservation of human genes and decipher variants of uncertain significance. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	38
9	Two Wnts Instruct Topographic Synaptic Innervation in <i>C. elegans</i> . <i>Cell Reports</i> , 2013, 5, 389-396.	6.4	34
10	Altered expression of wheat AINTEGUMENTA homolog, WANT-1, in pistil and pistil-like transformed stamen of an alloplasmic line with <i>Aegilops crassa</i> cytoplasm. <i>Development Genes and Evolution</i> , 2009, 219, 175-187.	0.9	24
11	Tumor suppressor APC is an attenuator of spindle-pulling forces during <i>C. elegans</i> asymmetric cell division. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E954-E963.	7.1	24
12	Nuclear and chloroplast genome genetic diversity in the wild einkorn wheat, <i>Triticum urartu</i> , revealed by AFLP and SSLP analyses. <i>Hereditas</i> , 2002, 137, 208-214.	1.4	22
13	Rap2 and TNIK control Plexin-dependent tiled synaptic innervation in <i>C. elegans</i> . <i>ELife</i> , 2018, 7, .	6.0	18
14	Characterization of wheat Bell1-type homeobox genes in floral organs of alloplasmic lines with <i>Aegilops crassa</i> cytoplasm. <i>BMC Plant Biology</i> , 2011, 11, 2.	3.6	14
15	Preferential expression of a HLP homolog encoding a mitochondrial L14 ribosomal protein in stamens of common wheat. <i>Gene</i> , 2004, 343, 281-289.	2.2	12
16	Intrinsic and extrinsic mechanisms of synapse formation and specificity in <i>C. elegans</i> . <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2719-2738.	5.4	12
17	Gradient-independent Wnt signaling instructs asymmetric neurite pruning in <i>C. elegans</i> . <i>ELife</i> , 2019, 8, .	6.0	7
18	Sustained expression of <i>unc-4</i> homeobox gene and <i>unc-37/Groucho</i> in postmitotic neurons specifies the spatial organization of the cholinergic synapses in <i>C. elegans</i> . <i>ELife</i> , 2021, 10, .	6.0	6

#	ARTICLE	IF	CITATIONS
19	GFPnovo2, a brighter GFP variant for in vivo labeling in. MicroPublication Biology, 2018, 2018, .	0.1	4
20	Origin, dispersal and genomic structure of a low-copy-number hypervariable RFLP clone in Triticum and Aegilops species.. Genes and Genetic Systems, 2003, 78, 291-300.	0.7	3