

Jian-quan Ni

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,653
citations

279798

23
h-index

265206

42
g-index

44
all docs

44
docs citations

44
times ranked

4885
citing authors

#	ARTICLE	IF	CITATIONS
1	A genome-scale shRNA resource for transgenic RNAi in <i>Drosophila</i> . <i>Nature Methods</i> , 2011, 8, 405-407.	19.0	733
2	The Transgenic RNAi Project at Harvard Medical School: Resources and Validation. <i>Genetics</i> , 2015, 201, 843-852.	2.9	502
3	Optimized gene editing technology for <i>Drosophila melanogaster</i> using germ line-specific Cas9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19012-19017.	7.1	365
4	A <i>Drosophila</i> Resource of Transgenic RNAi Lines for Neurogenetics. <i>Genetics</i> , 2009, 182, 1089-1100.	2.9	295
5	Enhanced Specificity and Efficiency of the CRISPR/Cas9 System with Optimized sgRNA Parameters in <i>Drosophila</i> . <i>Cell Reports</i> , 2014, 9, 1151-1162.	6.4	284
6	Vector and parameters for targeted transgenic RNA interference in <i>Drosophila melanogaster</i> . <i>Nature Methods</i> , 2008, 5, 49-51.	19.0	271
7	Regulation of lipogenesis by cyclin-dependent kinase δ -mediated control of SREBP-1. <i>Journal of Clinical Investigation</i> , 2012, 122, 2417-2427.	8.2	163
8	Phosphatidylserine Externalization Results from and Causes Neurite Degeneration in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 24, 2273-2286.	6.4	77
9	Piwi Is Required in Multiple Cell Types to Control Germline Stem Cell Lineage Development in the <i>Drosophila</i> Ovary. <i>PLoS ONE</i> , 2014, 9, e90267.	2.5	76
10	Optimized strategy for in vivo Cas9-activation in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9409-9414.	7.1	75
11	Wnt signaling-mediated redox regulation maintains the germ line stem cell differentiation niche. <i>ELife</i> , 2015, 4, e08174.	6.0	66
12	miR-34 Modulates Innate Immunity and Ecdysone Signaling in <i>Drosophila</i> . <i>PLoS Pathogens</i> , 2016, 12, e1006034.	4.7	66
13	Plasma membrane overgrowth causes fibrotic collagen accumulation and immune activation in <i>Drosophila</i> adipocytes. <i>ELife</i> , 2015, 4, e07187.	6.0	54
14	Next-generation CRISPR/Cas9 transcriptional activation in <i>Drosophila</i> using flySAM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4719-4724.	7.1	52
15	Protein competition switches the function of COP9 from self-renewal to differentiation. <i>Nature</i> , 2014, 514, 233-236.	27.8	51
16	COP9-Hedgehog axis regulates the function of the germline stem cell progeny differentiation niche in the <i>Drosophila</i> ovary. <i>Development (Cambridge)</i> , 2015, 142, 4242-4252.	2.5	45
17	A Toolkit of CRISPR-Based Genome Editing Systems in <i>Drosophila</i> . <i>Journal of Genetics and Genomics</i> , 2015, 42, 141-149.	3.9	44
18	An efficient and multiple target transgenic RNAi technique with low toxicity in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 4160.	12.8	43

#	ARTICLE	IF	CITATIONS
19	Performance of the Cas9 Nickase System in <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1955-1962.	1.8	41
20	CDK8-Cyclin C Mediates Nutritional Regulation of Developmental Transitions through the Ecdysone Receptor in <i>Drosophila</i> . <i>PLoS Biology</i> , 2015, 13, e1002207.	5.6	38
21	The exocyst functions in niche cells to promote germline stem cell differentiation by directly controlling EGFR membrane trafficking. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	36
22	Histone H1-mediated epigenetic regulation controls germline stem cell self-renewal by modulating H4K16 acetylation. <i>Nature Communications</i> , 2015, 6, 8856.	12.8	34
23	Twin Promotes the Maintenance and Differentiation of Germline Stem Cell Lineage through Modulation of Multiple Pathways. <i>Cell Reports</i> , 2015, 13, 1366-1379.	6.4	31
24	A developmental genetic analysis of the lysine demethylase KDM2 mutations in <i>Drosophila melanogaster</i> . <i>Mechanisms of Development</i> , 2014, 133, 36-53.	1.7	23
25	Collagen secretion screening in <i>Drosophila</i> supports a common secretory machinery and multiple Rab requirements. <i>Journal of Genetics and Genomics</i> , 2018, 45, 299-313.	3.9	22
26	Spectraplakins Maintain Perinuclear Microtubule Organization in <i>Drosophila</i> Polyploid Cells. <i>Developmental Cell</i> , 2019, 49, 731-747.e7.	7.0	20
27	Zinc Finger RNA-Binding Protein Zn72D Regulates ADAR-Mediated RNA Editing in Neurons. <i>Cell Reports</i> , 2020, 31, 107654.	6.4	20
28	A high-fat diet reverses metabolic disorders and premature aging by modulating insulin and IGF1 signaling in SIRT6 knockout mice. <i>Aging Cell</i> , 2020, 19, e13104.	6.7	19
29	Heterochromatin remodeling by CDK12 contributes to learning in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13988-13993.	7.1	17
30	Histone H1 defect in escort cells triggers germline tumor in <i>Drosophila</i> ovary. <i>Developmental Biology</i> , 2017, 424, 40-49.	2.0	14
31	Genome editing in <i>Drosophila melanogaster</i> : from basic genome engineering to the multipurpose CRISPR-Cas9 system. <i>Science China Life Sciences</i> , 2017, 60, 476-489.	4.9	12
32	The Lysine Demethylase dKDM2 Is Non-essential for Viability, but Regulates Circadian Rhythms in <i>Drosophila</i> . <i>Frontiers in Genetics</i> , 2018, 9, 354.	2.3	11
33	Katanin p60-like 1 sculpts the cytoskeleton in mechanosensory cilia. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	9
34	The Mediator CDK8-Cyclin C complex modulates Dpp signaling in <i>Drosophila</i> by stimulating Mad-dependent transcription. <i>PLoS Genetics</i> , 2020, 16, e1008832.	3.5	8
35	Perspectives on gene expression regulation techniques in <i>Drosophila</i> . <i>Journal of Genetics and Genomics</i> , 2019, 46, 213-220.	3.9	6
36	Defining gene networks controlling the maintenance and function of the differentiation niche by an in vivo systematic RNAi screen. <i>Journal of Genetics and Genomics</i> , 2019, 46, 19-30.	3.9	6

#	ARTICLE	IF	CITATIONS
37	flySAM Transgenic CRISPRa System Manual. Bio-protocol, 2019, 9, e3147.	0.4	5
38	Enhanced Efficiency of flySAM by Optimization of sgRNA Parameters in <i>Drosophila</i> . G3: Genes, Genomes, Genetics, 2020, 10, 4483-4488.	1.8	4
39	SPATA4 improves aging-induced metabolic dysfunction through promotion of preadipocyte differentiation and adipose tissue expansion. Aging Cell, 2021, 20, e13282.	6.7	4
40	HP1c regulates development and gut homeostasis by suppressing Notch signaling through Su(H). EMBO Reports, 2021, 22, e51298.	4.5	4
41	CRISPR-Cas9 Mediated Genome Editing in <i>Drosophila</i> . Bio-protocol, 2019, 9, e3141.	0.4	4
42	pNP Transgenic RNAi System Manual in <i>Drosophila</i> . Bio-protocol, 2019, 9, e3158.	0.4	3