

Erina Kuranaga

List of Publications by Year in descending order

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57
papers

3,261
citations

147801

31
h-index

155660

55
g-index

64
all docs

64
docs citations

64
times ranked

4653
citing authors

#	ARTICLE	IF	CITATIONS
1	Eiger, a TNF superfamily ligand that triggers the Drosophila JNK pathway. <i>EMBO Journal</i> , 2002, 21, 3009-3018.	7.8	406
2	Genetic Evidence Linking Age-Dependent Attenuation of the 26S Proteasome with the Aging Process. <i>Molecular and Cellular Biology</i> , 2009, 29, 1095-1106.	2.3	233
3	Î²-Galactosidase Fluorescence Probe with Improved Cellular Accumulation Based on a Spirocyclized Rhodol Scaffold. <i>Journal of the American Chemical Society</i> , 2011, 133, 12960-12963.	13.7	216
4	Nonapoptotic functions of caspases: caspases as regulatory molecules for immunity and cell-fate determination. <i>Trends in Cell Biology</i> , 2007, 17, 135-144.	7.9	173
5	Caspase-dependent non-apoptotic processes in development. <i>Cell Death and Differentiation</i> , 2017, 24, 1422-1430.	11.2	133
6	Single-Cell Imaging of Caspase-1 Dynamics Reveals an All-or-None Inflammasome Signaling Response. <i>Cell Reports</i> , 2014, 8, 974-982.	6.4	130
7	Reaper-mediated inhibition of DIAP1-induced DTRAF1 degradation results in activation of JNK in Drosophila. <i>Nature Cell Biology</i> , 2002, 4, 705-710.	10.3	125
8	Drosophila IKK-Related Kinase Regulates Nonapoptotic Function of Caspases via Degradation of IAPs. <i>Cell</i> , 2006, 126, 583-596.	28.9	124
9	Tumor Suppressor CYLD Regulates JNK-Induced Cell Death in Drosophila. <i>Developmental Cell</i> , 2007, 13, 446-454.	7.0	102
10	Left-right asymmetric cell intercalation drives directional collective cell movement in epithelial morphogenesis. <i>Nature Communications</i> , 2015, 6, 10074.	12.8	97
11	Drosophila caspase transduces Shaggy/GSK-3Î² kinase activity in neural precursor development. <i>EMBO Journal</i> , 2005, 24, 3793-3806.	7.8	96
12	IKKÎ³ Regulates F Actin Assembly and Interacts with Drosophila IAP1 in Cellular Morphogenesis. <i>Current Biology</i> , 2006, 16, 1531-1537.	3.9	89
13	Beyond apoptosis: caspase regulatory mechanisms and functions <i>in vivo</i> . <i>Genes To Cells</i> , 2012, 17, 83-97.	1.2	88
14	Persephone/Spätzle Pathogen Sensors Mediate the Activation of Toll Receptor Signaling in Response to Endogenous Danger Signals in Apoptosis-deficient Drosophila. <i>Journal of Biological Chemistry</i> , 2014, 289, 7558-7568.	3.4	71
15	The Kelch Repeat Protein KLHDC10 Regulates Oxidative Stress-Induced ASK1 Activation by Suppressing PP5. <i>Molecular Cell</i> , 2012, 48, 692-704.	9.7	70
16	Necrosis-Driven Systemic Immune Response Alters SAM Metabolism through the FOXO-GNMT Axis. <i>Cell Reports</i> , 2014, 7, 821-833.	6.4	69
17	RNA binding mediates neurotoxicity in the transgenic Drosophila model of TDP-43 proteinopathy. <i>Human Molecular Genetics</i> , 2013, 22, 4474-4484.	2.9	68
18	Local initiation of caspase activation in <i>Drosophila</i> salivary gland programmed cell death <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13367-13372.	7.1	62

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19	Fas/Fas Ligand System in Prolactin-Induced Apoptosis in Rat Corpus Luteum: Possible Role of Luteal Immune Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 167-173.	2.1	61
20	Caspase signaling in animal development. <i>Development Growth and Differentiation</i> , 2011, 53, 137-148.	1.5	61
21	Temporal regulation of <i>Drosophila</i> IAP1 determines caspase functions in sensory organ development. <i>Journal of Cell Biology</i> , 2009, 187, 219-231.	5.2	60
22	Apoptosis controls the speed of looping morphogenesis in <i>Drosophila</i> male terminalia. <i>Development (Cambridge)</i> , 2011, 138, 1493-1499.	2.5	57
23	Nonautonomous Apoptosis Is Triggered by Local Cell Cycle Progression during Epithelial Replacement in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2011, 31, 2499-2512.	2.3	54
24	Progesterone is a cell death suppressor that downregulates Fas expression in rat corpus luteum. <i>FEBS Letters</i> , 2000, 466, 279-282.	2.8	53
25	Competition for Space Is Controlled by Apoptosis-Induced Change of Local Epithelial Topology. <i>Current Biology</i> , 2018, 28, 2115-2128.e5.	3.9	50
26	Apoptosis in Cellular Society: Communication between Apoptotic Cells and Their Neighbors. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2144.	4.1	46
27	Suppression of copulatory behavior by intracerebroventricular infusion of antisense oligodeoxynucleotide of granulin in neonatal male rats. <i>Physiology and Behavior</i> , 2000, 68, 707-713.	2.1	44
28	Homeostatic Epithelial Renewal in the Gut Is Required for Dampening a Fatal Systemic Wound Response in <i>Drosophila</i> . <i>Cell Reports</i> , 2013, 3, 919-930.	6.4	41
29	Requirement of the Fas ligand-expressing luteal immune cells for regression of corpus luteum. <i>FEBS Letters</i> , 2000, 472, 137-142.	2.8	40
30	DIAP2 functions as a mechanism-based regulator of drICE that contributes to the caspase activity threshold in living cells. <i>Journal of Cell Biology</i> , 2007, 179, 1467-1480.	5.2	40
31	The Tricellular Junction Protein Sidekick Regulates Vertex Dynamics to Promote Bicellular Junction Extension. <i>Developmental Cell</i> , 2019, 50, 327-338.e5.	7.0	40
32	p38 MAPKs regulate the expression of genes in the dopamine synthesis pathway through phosphorylation of NR4A nuclear receptors. <i>Journal of Cell Science</i> , 2011, 124, 3006-3016.	2.0	33
33	Apoptosis Ensures Spacing Pattern Formation of <i>Drosophila</i> Sensory Organs. <i>Current Biology</i> , 2011, 21, 278-287.	3.9	27
34	Cell proliferation controls body size growth, tentacle morphogenesis, and regeneration in hydrozoan jellyfish <i>Cladonema pacificum</i> . <i>PeerJ</i> , 2019, 7, e7579.	2.0	20
35	Cytosol-endoplasmic reticulum interplay by Sec61 translocon in polyglutamine-mediated neurotoxicity in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11723-11728.	7.1	18
36	Regeneration Potential of Jellyfish: Cellular Mechanisms and Molecular Insights. <i>Genes</i> , 2021, 12, 758.	2.4	18

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37	Differential cell adhesion implemented by <i>Drosophila</i> Toll corrects local distortions of the anterior-posterior compartment boundary. <i>Nature Communications</i> , 2020, 11, 6320.	12.8	17
38	Gain-of-function screen identifies a role of the Sec61 ^Δ translocon in <i>Drosophila</i> postmitotic neurotoxicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1726, 225-237.	2.4	15
39	RNA-Binding Protein Hoip Accelerates PolyQ-Induced Neurodegeneration in <i>Drosophila</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2255-2261.	1.3	14
40	Molecular Genetic Control of Caspases and JNK-mediated Neural Cell Death.. <i>Archives of Histology and Cytology</i> , 2002, 65, 291-300.	0.2	13
41	Ageing causes distinct characteristics of polyglutamine amyloids in vivo. <i>Genes To Cells</i> , 2011, 16, 557-564.	1.2	11
42	Apical Junctional Fluctuations Lead to Cell Flow while Maintaining Epithelial Integrity. <i>Biophysical Journal</i> , 2019, 116, 1159-1170.	0.5	11
43	Wave Propagation of Junctional Remodeling in Collective Cell Movement of Epithelial Tissue: Numerical Simulation Study. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 66.	3.7	10
44	Ubiquitin-Binding Protein CG5445 Suppresses Aggregation and Cytotoxicity of Amyotrophic Lateral Sclerosis-Linked TDP-43 in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	8
45	In Vivo Monitoring of Caspase Activation Using a Fluorescence Resonance Energy Transfer-Based Fluorescent Probe. <i>Methods in Enzymology</i> , 2014, 544, 299-325.	1.0	7
46	Inference of Cell Mechanics in Heterogeneous Epithelial Tissue Based on Multivariate Clone Shape Quantification. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 68.	3.7	7
47	Reduction of endocytic activity accelerates cell elimination during tissue remodeling of the <i>Drosophila</i> epidermal epithelium. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	7
48	Planar polarized contractile actomyosin networks in dynamic tissue morphogenesis. <i>Current Opinion in Genetics and Development</i> , 2017, 45, 90-96.	3.3	6
49	Mechanisms of unusual collective cell movement lacking a free front edge in <i>Drosophila</i> . <i>Current Opinion in Genetics and Development</i> , 2018, 51, 46-51.	3.3	5
50	Mathematical Modeling of Tissue Folding and Asymmetric Tissue Flow during Epithelial Morphogenesis. <i>Symmetry</i> , 2019, 11, 113.	2.2	4
51	Mechanisms of collective cell movement lacking a leading or free front edge in vivo. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2709-2722.	5.4	3
52	Genetic Analysis for JNK-mediated Apoptosis. <i>Acta Histochemica Et Cytochemica</i> , 2004, 37, 223-226.	1.6	2
53	Genetic approaches for the identification of apoptotic components. <i>Medical Molecular Morphology</i> , 2005, 38, 18-22.	1.0	2
54	Inhibition of negative feedback for persistent epithelial cell-cell junction contraction by p21-activated kinase 3. <i>Nature Communications</i> , 2022, 13, .	12.8	2

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55	Drosophila IKK-Related Kinase Regulates Nonapoptotic Function of Caspases via Degradation of IAPs. Cell, 2006, 126, 811.	28.9	1
56	2SC-04 Imaging analysis of cellular dynamics for organogenesis(2SC Whole body imaging,The 49th Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.1	0
57	Wave propagation of junctional remodeling in collective cell movement of epithelial tissue. Mechanisms of Development, 2017, 145, S41.	1.7	0