

Kweon Yu

List of Publications by Year in descending order

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69
papers

3,004
citations

172386

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h-index

175177

52
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75
all docs

75
docs citations

75
times ranked

4308
citing authors

#	ARTICLE	IF	CITATIONS
1	Drosophila Short Neuropeptide F Regulates Food Intake and Body Size. <i>Journal of Biological Chemistry</i> , 2004, 279, 50781-50789.	1.6	285
2	Drosophila short neuropeptide F signalling regulates growth by ERK-mediated insulin signalling. <i>Nature Cell Biology</i> , 2008, 10, 468-475.	4.6	198
3	Curcumin Extends Life Span, Improves Health Span, and Modulates the Expression of Age-Associated Aging Genes in <i>Drosophila melanogaster</i> . <i>Rejuvenation Research</i> , 2010, 13, 561-570.	0.9	195
4	Adenosine Nucleotide Biosynthesis and AMPK Regulate Adult Life Span and Mediate the Longevity Benefit of Caloric Restriction in Flies. <i>Cell Metabolism</i> , 2013, 17, 101-112.	7.2	167
5	Activation of PERK Signaling Attenuates I^2 -Mediated ER Stress. <i>PLoS ONE</i> , 2010, 5, e10489.	1.1	146
6	Nutrient control of <i>Drosophila</i> longevity. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 509-517.	3.1	123
7	JNK/FOXO-mediated Neuronal Expression of Fly Homologue of Peroxiredoxin II Reduces Oxidative Stress and Extends Life Span. <i>Journal of Biological Chemistry</i> , 2009, 284, 29454-29461.	1.6	119
8	Minibrain/Dyrk1a Regulates Food Intake through the Sir2-FOXO-sNPF/NPY Pathway in <i>Drosophila</i> and Mammals. <i>PLoS Genetics</i> , 2012, 8, e1002857.	1.5	107
9	Polo Kinase Phosphorylates Miro to Control ER-Mitochondria Contact Sites and Mitochondrial Ca^{2+} Homeostasis in Neural Stem Cell Development. <i>Developmental Cell</i> , 2016, 37, 174-189.	3.1	93
10	Functional characterization of a neuropeptide F-like receptor from <i>Drosophila melanogaster</i> . <i>European Journal of Neuroscience</i> , 2003, 18, 227-238.	1.2	92
11	Photoexcited Porphyrins as a Strong Suppressor of I^2 -Amyloid Aggregation and Synaptic Toxicity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11472-11476.	7.2	92
12	Zebrafish knockout of Down syndrome gene, DYRK1A, shows social impairments relevant to autism. <i>Molecular Autism</i> , 2017, 8, 50.	2.6	86
13	A chemical with proven clinical safety restores Down syndrome-related phenotypes via DYRK1A inhibition. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 839-48.	1.2	66
14	dSETDB1 and SU(VAR)3 h^9 Sequentially Function during Germline-Stem Cell Differentiation in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2008, 3, e2234.	1.1	64
15	Transcriptional profiling of the developmentally important signalling pathways in human embryonic stem cells. <i>Human Reproduction</i> , 2006, 21, 405-412.	0.4	62
16	Shedding Light on Alzheimer's I^2 -Amyloidosis: Photosensitized Methylene Blue Inhibits Self-Assembly of I^2 -Amyloid Peptides and Disintegrates Their Aggregates. <i>Scientific Reports</i> , 2017, 7, 7523.	1.6	62
17	Inhibition of p53 acetylation by INHAT subunit SET/TAF- I^2 represses p53 activity. <i>Nucleic Acids Research</i> , 2012, 40, 75-87.	6.5	56
18	Clusterin, a novel modulator of TGF- I^2 signaling, is involved in Smad2/3 stability. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 905-909.	1.0	52

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19	A threonyl-tRNA synthetase-mediated translation initiation machinery. <i>Nature Communications</i> , 2019, 10, 1357.	5.8	52
20	Genome-wide microRNA screening reveals that the evolutionary conserved miR-9a regulates body growth by targeting sNPF1/NPYR. <i>Nature Communications</i> , 2015, 6, 7693.	5.8	51
21	Dynamic changes of gangliosides expression during the differentiation of embryonic and mesenchymal stem cells into neural cells. <i>Experimental and Molecular Medicine</i> , 2006, 38, 668-676.	3.2	50
22	The <i>Drosophila</i> homolog of methionine sulfoxide reductase A extends lifespan and increases nuclear localization of FOXO. <i>FEBS Letters</i> , 2010, 584, 3609-3614.	1.3	49
23	Proteomic Analysis of the Extraembryonic Tissue from Cloned Porcine Embryos. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1559-1566.	2.5	48
24	High fat diet-induced TGF- β 2/Gbb signaling provokes insulin resistance through the tribbles expression. <i>Scientific Reports</i> , 2016, 6, 30265.	1.6	48
25	<i>Drosophila</i> Adiponectin Receptor in Insulin Producing Cells Regulates Glucose and Lipid Metabolism by Controlling Insulin Secretion. <i>PLoS ONE</i> , 2013, 8, e68641.	1.1	44
26	RNA-Guided Genome Editing in <i>Drosophila</i> with the Purified Cas9 Protein. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1291-1295.	0.8	44
27	Involvement of neuropeptide Y and its Y1 and Y5 receptors in maintaining self-renewal and proliferation of human embryonic stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 152-165.	1.6	39
28	Tumour-derived Dilp8/INSL3 induces cancer anorexia by regulating feeding neuropeptides via Lgr3/8 in the brain. <i>Nature Cell Biology</i> , 2021, 23, 172-183.	4.6	37
29	Mobile phone electromagnetic radiation activates MAPK signaling and regulates viability in <i>Drosophila</i> . <i>Bioelectromagnetics</i> , 2008, 29, 371-379.	0.9	35
30	Exogenous dibutyl cAMP affects meiotic maturation via protein kinase A activation; it stimulates further embryonic development including blastocyst quality in pigs. <i>Theriogenology</i> , 2008, 69, 290-301.	0.9	34
31	UBE4B, a microRNA-9 target gene, promotes autophagy-mediated Tau degradation. <i>Nature Communications</i> , 2021, 12, 3291.	5.8	30
32	Processed short neuropeptide F peptides regulate growth through the ERK-insulin pathway in <i>Drosophila melanogaster</i> . <i>FEBS Letters</i> , 2009, 583, 2573-2577.	1.3	29
33	How can a single rescuer adequately deliver tidal volume with a manual resuscitator? An improved device for delivering regular tidal volume. <i>Emergency Medicine Journal</i> , 2011, 28, 40-43.	0.4	27
34	Understanding the molecular basis of anorexia and tissue wasting in cancer cachexia. <i>Experimental and Molecular Medicine</i> , 2022, 54, 426-432.	3.2	27
35	Cyclopamine treatment of human embryonic stem cells followed by culture in human astrocyte medium promotes differentiation into nestin- and GFAP-expressing astrocytic lineage. <i>Life Sciences</i> , 2006, 80, 154-159.	2.0	25
36	Caspase-dependent apoptosis induction by targeted expression of DEK in <i>drosophila</i> involves histone acetylation inhibition. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1283-1293.	1.2	25

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37	Cysteine Repeat Domains and Adjacent Sequences Determine Distinct Bone Morphogenetic Protein Modulatory Activities of the <i>Drosophila</i> Sog Protein. <i>Genetics</i> , 2004, 166, 1323-1336.	1.2	24
38	JNK/FOXO mediated PeroxiredoxinV expression regulates redox homeostasis during <i>Drosophila melanogaster</i> gut infection. <i>Developmental and Comparative Immunology</i> , 2012, 38, 466-473.	1.0	24
39	Aberrant expression of developmentally important signaling molecules in cloned porcine extraembryonic tissues. <i>Proteomics</i> , 2008, 8, 2724-2734.	1.3	17
40	Functional characterization of the ER stress induced X-box-binding protein-1 (Xbp-1) in the porcine system. <i>BMC Molecular Biology</i> , 2011, 12, 25.	3.0	13
41	Neuropeptide Y mitigates ER stress-induced neuronal cell death by activating the PI3K-XBP1 pathway. <i>European Journal of Cell Biology</i> , 2018, 97, 339-348.	1.6	13
42	Non-Rodent Genetic Animal Models for Studying Tauopathy: Review of <i>Drosophila</i> , Zebrafish, and <i>C. elegans</i> Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8465.	1.8	12
43	Expression of genes related to Parkinson's disease after paraquat treatment in <i>Drosophila melanogaster</i> . <i>Pesticide Biochemistry and Physiology</i> , 2008, 92, 19-23.	1.6	11
44	Luteolin-induced apoptosis through activation of endoplasmic reticulum stress sensors in pheochromocytoma cells. <i>Molecular Medicine Reports</i> , 2017, 16, 380-386.	1.1	11
45	Lidocaine Induces Endoplasmic Reticulum Stress-Associated Apoptosis in Vitro and in Vivo. <i>International Journal of Molecular Sciences</i> , 2011, 12, 7652-7661.	1.8	10
46	Vascular defects of <i>DYRK1A</i> knockouts are ameliorated by modulating calcium signaling in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	10
47	<i>Bombyx mori</i> protein disulfide isomerase enhances the production of nuecin, an antibacterial protein. <i>BMB Reports</i> , 2008, 41, 400-403.	1.1	10
48	Expression of Beta-catenin-interacting Protein 1 (CTNNBIP1) Gene Is Increased under Hypothermia but Decreased under Additional Ischemia Conditions. <i>Biomedical Science Letters</i> , 2014, 20, 168-172.	0.0	9
49	Naloxone induces endoplasmic reticulum stress in PC12 cells. <i>Molecular Medicine Reports</i> , 2014, 9, 1395-1399.	1.1	8
50	Prominin-like Regulates Longevity and Glucose Metabolism via Insulin Signaling in <i>Drosophila</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1557-1563.	1.7	7
51	Asparaginyl-tRNA Synthetase, a Novel Component of Hippo Signaling, Binds to Salvador and Enhances Yorkie-Mediated Tumorigenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 32.	1.8	7
52	Methionyl-tRNA Synthetase Regulates Lifespan in. <i>Molecules and Cells</i> , 2020, 43, 304-311.	1.0	7
53	Proteomic analysis of porcine pancreas development. <i>BMB Reports</i> , 2009, 42, 661-666.	1.1	7
54	Silkworm Hemolymph Down-Regulates the Expression of Endoplasmic Reticulum Chaperones under Radiation-Irradiation. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4456-4464.	1.8	4

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55	Larval hemolymph of rhinoceros beetle, <i>Allomyrina dichotoma</i> , enhances insulin secretion through ATF3 gene expression in INS-1 pancreatic β -cells. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2018, 73, 391-396.	0.6	4
56	Potential Role of Genetic Engineering in Pest Management. Journal of Life Science, 2013, 23, 955-961.	0.2	4
57	Lipophorin receptor 1 (LpR1) in <i>Drosophila</i> muscle influences life span by regulating mitochondrial aging. Biochemical and Biophysical Research Communications, 2021, 568, 95-102.	1.0	3
58	Production of Recombinant Human Keratinocyte Growth Factor from <i>Bombyx mori</i> (Lepidoptera: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	0.2	3
59	Domain α 2 of <i>Bombyx mori</i> Protein Disulfide Isomerase Has Chaperone Activity. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 435-439.	0.6	2
60	Production of Recombinant Human Granulocyte Macrophage Colony- Stimulating Factor from Silkworm <i>Bombyx mori</i> Bm5 Cells. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 153-156.	0.6	2
61	Sericin Enhances Secretion of Thyroglobulin in the Thyrocytes. Journal of Life Science, 2010, 20, 1249-1253.	0.2	2
62	Low-Dose Radiation Suppresses Pokemon Expression under Hypoxic Conditions. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2014, 69, 68-74.	0.6	1
63	Hypothermia Regulates Insulin-like Growth Factor 1 Gene Expression in PC12 Cells. Biomedical Science Letters, 2017, 23, 39-43.	0.0	1
64	Cloning of monoacylglycerol o-acyltransferase 2 cDNA from a silkworm, <i>Bombyx mori</i> . Biologia (Poland), 2016, 71, 695-700.	0.8	0
65	Characterization of ERp29 and ADP-Ribosylation Factor 5 Interaction. Journal of Life Science, 2011, 21, 613-615.	0.2	0
66	Molecular Mechanism of Endoplasmic Reticulum Stress Transducer OASIS Family. Journal of Life Science, 2015, 25, 473-480.	0.2	0
67	Insulin-like Growth Factor-1 (IGF-1) Gene Expression Is Enhanced under Hypothermia but Depressed under Additional Ischemic Stimulus. Biomedical Science Letters, 2015, 21, 126-130.	0.0	0
68	Short-term Hypothermia Induces Beta-catenin-interacting Protein 1 Gene Expression in PC12 Cells. Biomedical Science Letters, 2015, 21, 160-163.	0.0	0
69	Cloning of the <i>Bombyx mori</i> short neuropeptide F receptor (BsNPF-R) cDNA. Journal of Life Science, 2016, 26, 721-726.	0.2	0