Hua Bai

List of Publications by Year
in descending order

31	3,326	394421	434195
papers	citations	19 h-index	31 g-index

32	32	32	4238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	A brain-specific cytochrome P450 responsible for the majority of deltamethrin resistance in the QTC279 strain of Tribolium castaneum. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8557-8562.	7.1	258
3	Drosophila insulinâ€like peptideâ€6 (dilp6) expression from fat body extends lifespan and represses secretion of Drosophila insulinâ€like peptideâ€2 from the brain. Aging Cell, 2012, 11, 978-985.	6.7	225
4	Juvenile Hormone Regulates Vitellogenin Gene Expression through Insulin-like Peptide Signaling Pathway in the Red Flour Beetle, Tribolium castaneum. Journal of Biological Chemistry, 2011, 286, 41924-41936.	3.4	177
5	Activin Signaling Targeted by Insulin/dFOXO Regulates Aging and Muscle Proteostasis in Drosophila. PLoS Genetics, 2013, 9, e1003941.	3.5	172
6	Juvenile hormone regulation of vitellogenin synthesis in the red flour beetle, Tribolium castaneum. Insect Biochemistry and Molecular Biology, 2010, 40, 405-414.	2.7	156
7	Juvenile hormone regulation of Drosophila aging. BMC Biology, 2013, 11, 85.	3.8	114
8	Minibrain/Dyrk1a Regulates Food Intake through the Sir2-FOXO-sNPF/NPY Pathway in Drosophila and Mammals. PLoS Genetics, 2012, 8, e1002857.	3.5	107
9	Mechanisms of midgut remodeling: Juvenile hormone analog methoprene blocks midgut metamorphosis by modulating ecdysone action. Mechanisms of Development, 2006, 123, 530-547.	1.7	101
10	A determining factor for insect feeding preference in the silkworm, Bombyx mori. PLoS Biology, 2019, 17, e3000162.	5.6	72
11	The FOXO transcription factor controls insect growth and development by regulating juvenile hormone degradation in the silkworm, Bombyx mori. Journal of Biological Chemistry, 2017, 292, 11659-11669.	3.4	61
12	TGFB-INHB/activin signaling regulates age-dependent autophagy and cardiac health through inhibition of MTORC2. Autophagy, 2020, 16, 1807-1822.	9.1	52
13	RiboTag translatomic profiling of Drosophila oenocytes under aging and induced oxidative stress. BMC Genomics, 2019, 20, 50.	2.8	49
14	Identification and characterization of juvenile hormone esterase gene from the yellow fever mosquito, Aedes aegypti. Insect Biochemistry and Molecular Biology, 2007, 37, 829-837.	2.7	40
15	Functional characterization of bursicon receptor and genome-wide analysis for identification of genes affected by bursicon receptor RNAi. Developmental Biology, 2010, 344, 248-258.	2.0	40
16	Mode of action of methoprene in affecting female reproduction in the African malaria mosquito, Anopheles gambiae. Pest Management Science, 2010, 66, 936-943.	3.4	39
17	Identification of G protein-coupled receptors required for vitellogenin uptake into the oocytes of the red flour beetle, Tribolium castaneum. Scientific Reports, 2016, 6, 27648.	3.3	39
18	Drosophila Kruppel homolog 1 represses lipolysis through interaction with dFOXO. Scientific Reports, 2017, 7, 16369.	3.3	39

#	Article	IF	Citations
19	Age-Dependent Changes in Transcription Factor FOXO Targeting in Female Drosophila. Frontiers in Genetics, 2019, 10, 312.	2.3	37
20	Physiological functions of a methuselah-like G protein coupled receptor in Lymantria dispar Linnaeus. Pesticide Biochemistry and Physiology, 2019, 160, 1-10.	3.6	27
21	Impaired peroxisomal import in Drosophila oenocytes causes cardiac dysfunction by inducing upd3 as a peroxikine. Nature Communications, 2020, 11, 2943.	12.8	21
22	Peroxisomal Stress Response and Inter-Organelle Communication in Cellular Homeostasis and Aging. Antioxidants, 2022, 11, 192.	5.1	17
23	Lamp1 mediates lipid transport, but is dispensable for autophagy in Drosophila. Autophagy, 2022, 18, 2443-2458.	9.1	13
24	Organelle aging: Lessons from model organisms. Journal of Genetics and Genomics, 2019, 46, 171-185.	3.9	10
25	FOXO Regulates Neuromuscular Junction Homeostasis During Drosophila Aging. Frontiers in Aging Neuroscience, 2020, 12, 567861.	3.4	8
26	Long noncoding RNA regulation of spermatogenesis via the spectrin cytoskeleton in Drosophila. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	7
27	Liver hepatokines and peroxisomes as therapeutic targets for cardiovascular diseases. Future Cardiology, 2021, 17, 535-538.	1.2	3
28	The Second Annual Symposium of the Midwest Aging Consortium: The Future of Aging Research in the Midwestern United States. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 2156-2161.	3.6	2
29	Metabolism in the Midwest: research from the Midwest Aging Consortium at the 49th Annual Meeting of the American Aging Association. GeroScience, 2022, 44, 39-52.	4.6	2
30	Loxl2 is a mediator of cardiac aging in Drosophila melanogaster, genetically examining the role of aging clock genes. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	2
31	microRNA-252 and FoxO repress inflammaging by a dual inhibitory mechanism on Dawdle-mediated TGF-Î² pathway in Drosophila. Genetics, 2022, 220, .	2.9	1