

Naoki Yamanaka

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,750
citations

293460

24
h-index

425179

34
g-index

39
all docs

39
docs citations

39
times ranked

3458
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent Loss of Prothoracicotropic Hormone, A Canonical Regulator of Development, in Social Bee Evolution. <i>Frontiers in Physiology</i> , 2022, 13, 831928.	1.3	0
2	Essential functions of mosquito ecdysone importers in development and reproduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
3	Prothoracicotropic hormone. , 2021, , 739-741.		1
4	Ecdysteroid signalling in insectsâ€”From biosynthesis to gene expression regulation. <i>Advances in Insect Physiology</i> , 2021, , 1-36.	1.1	13
5	Transporter-mediated ecdysteroid trafficking across cell membranes: A novel target for insect growth regulators. <i>Journal of Pesticide Sciences</i> , 2021, 46, 23-28.	0.8	7
6	Care-giver identity impacts offspring development and performance in an annually social bumble bee. <i>Bmc Ecology and Evolution</i> , 2021, 21, 20.	0.7	8
7	Parasitic nematode fatty acid- and retinol-binding proteins compromise host immunity by interfering with host lipid signaling pathways. <i>PLoS Pathogens</i> , 2021, 17, e1010027.	2.1	6
8	Rapid Assessment of Insect Steroid Hormone Entry Into Cultured Cells. <i>Frontiers in Physiology</i> , 2021, 12, 816058.	1.3	4
9	Transcriptome analysis reveals nutritionâ€”and ageâ€”related patterns of gene expression in the fat body of preâ€”overwintering bumble bee queens. <i>Molecular Ecology</i> , 2020, 29, 720-737.	2.0	41
10	Steroid Hormone Entry into the Brain Requires a Membrane Transporter in <i>Drosophila</i> . <i>Current Biology</i> , 2020, 30, 359-366.e3.	1.8	30
11	Adultâ€”specific insulinâ€”producing neurons in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , 2018, 526, 1351-1367.	0.9	20
12	A Membrane Transporter Is Required for Steroid Hormone Uptake in <i>Drosophila</i> . <i>Developmental Cell</i> , 2018, 47, 294-305.e7.	3.1	102
13	Nutrient-Dependent Endocycling in Steroidogenic Tissue Dictates Timing of Metamorphosis in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2017, 13, e1006583.	1.5	68
14	The Insect Prothoracic Gland as a Model for Steroid Hormone Biosynthesis and Regulation. <i>Cell Reports</i> , 2016, 16, 247-262.	2.9	73
15	A <i>Drosophila</i> Genome-Wide Screen Identifies Regulators of Steroid Hormone Production and Developmental Timing. <i>Developmental Cell</i> , 2016, 37, 558-570.	3.1	77
16	Editorial overview: Molecular physiology: Toward unified comprehension of insect physiological systems. <i>Current Opinion in Insect Science</i> , 2015, 11, vii-viii.	2.2	0
17	Nutrition-dependent control of insect development by insulin-like peptides. <i>Current Opinion in Insect Science</i> , 2015, 11, 21-30.	2.2	79
18	Vesicle-Mediated Steroid Hormone Secretion in <i>Drosophila melanogaster</i> . <i>Cell</i> , 2015, 163, 907-919.	13.5	115

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19	Neuroendocrine Control of <i>Drosophila</i> Larval Light Preference. <i>Science</i> , 2013, 341, 1113-1116.	6.0	118
20	Ecdysone Control of Developmental Transitions: Lessons from <i>Drosophila</i> Research. <i>Annual Review of Entomology</i> , 2013, 58, 497-516.	5.7	511
21	Developmental Checkpoints and Feedback Circuits Time Insect Maturation. <i>Current Topics in Developmental Biology</i> , 2013, 103, 1-33.	1.0	113
22	Spatiotemporal patterns of IGF-like peptide expression in the silkworm <i>Bombyx mori</i> predict its pleiotropic actions. <i>General and Comparative Endocrinology</i> , 2011, 173, 171-182.	0.8	19
23	Apitology: Royal Secrets in the Queen's Fat Body. <i>Current Biology</i> , 2011, 21, R510-R512.	1.8	2
24	<i>Bombyx</i> orckinins are brain-gut peptides involved in the neuronal regulation of ecdysteroidogenesis. <i>Journal of Comparative Neurology</i> , 2011, 519, 238-246.	0.9	74
25	Nitric oxide directly regulates gene expression during <i>Drosophila</i> development: need some gas to drive into metamorphosis?: Figure 1. <i>Genes and Development</i> , 2011, 25, 1459-1463.	2.7	21
26	MIPs are ancestral ligands for the sex peptide receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6520-6525.	3.3	147
27	<i>Bombyx</i> prothoracicostatic peptides activate the sex peptide receptor to regulate ecdysteroid biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2060-2065.	3.3	122
28	Steroid Hormone Inactivation Is Required during the Juvenile-Adult Transition in <i>Drosophila</i> . <i>Developmental Cell</i> , 2010, 19, 895-902.	3.1	98
29	An ecdysteroid-inducible insulin-like growth factor-like peptide regulates adult development of the silkworm <i>Bombyx mori</i> . <i>FEBS Journal</i> , 2009, 276, 1221-1232.	2.2	81
30	The Insect Neuropeptide PTTH Activates Receptor Tyrosine Kinase Torso to Initiate Metamorphosis. <i>Science</i> , 2009, 326, 1403-1405.	6.0	307
31	A Fat Body-Derived IGF-like Peptide Regulates Postfeeding Growth in <i>Drosophila</i> . <i>Developmental Cell</i> , 2009, 17, 885-891.	3.1	236
32	The unique evolution of neuropeptide genes in the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1147-1157.	1.2	269
33	The genome of a lepidopteran model insect, the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 1036-1045.	1.2	592
34	ã-ã¹½“ã²è§æžãÆæ“ã¥žçµEãfšãf—ãfãf%oç”ç©ã²æ—ã³ã³ãæ°ã¹³. <i>Kagaku To Seibutsu</i> , 2008, 46, 352-357.		0
35	Neuropeptide Receptor Transcriptome Reveals Unidentified Neuroendocrine Pathways. <i>PLoS ONE</i> , 2008, 3, e3048.	1.1	187
36	Differential Regulation of Ecdysteroidogenic P450 Gene Expression in the Silkworm, <i>Bombyx mori</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2808-2814.	0.6	42

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37	Regulation of insect steroid hormone biosynthesis by innervating peptidergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8622-8627.	3.3	79
38	Identification of a Novel Prothoracicostatic Hormone and Its Receptor in the Silkworm <i>Bombyx mori</i> . Journal of Biological Chemistry, 2005, 280, 14684-14690.	1.6	82