

# Naoki Yamanaka

## List of Publications by Citations

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36

papers

2,894

citations

22

h-index

39

g-index

39

ext. papers

3,442

ext. citations

10

avg, IF

5.58

L-index

#	Paper	IF	Citations
36	The genome of a lepidopteran model insect, the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2008</b> , 38, 1036-45	4.5	518
35	Ecdysone control of developmental transitions: lessons from <i>Drosophila</i> research. <i>Annual Review of Entomology</i> , <b>2013</b> , 58, 497-516	21.8	373
34	The insect neuropeptide PTTH activates receptor tyrosine kinase torso to initiate metamorphosis. <i>Science</i> , <b>2009</b> , 326, 1403-5	33.3	242
33	The unique evolution of neuropeptide genes in the silkworm <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2008</b> , 38, 1147-57	4.5	203
32	A fat body-derived IGF-like peptide regulates postfeeding growth in <i>Drosophila</i> . <i>Developmental Cell</i> , <b>2009</b> , 17, 885-91	10.2	196
31	Neuropeptide receptor transcriptome reveals unidentified neuroendocrine pathways. <i>PLoS ONE</i> , <b>2008</b> , 3, e3048	3.7	166
30	MIPs are ancestral ligands for the sex peptide receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6520-5	11.5	116
29	<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> , <b>2010</b> , 107, 2060-5	11.5	98
28	Neuroendocrine control of <i>Drosophila</i> larval light preference. <i>Science</i> , <b>2013</b> , 341, 1113-6	33.3	88
27	Developmental checkpoints and feedback circuits time insect maturation. <i>Current Topics in Developmental Biology</i> , <b>2013</b> , 103, 1-33	5.3	82
26	Vesicle-Mediated Steroid Hormone Secretion in <i>Drosophila melanogaster</i> . <i>Cell</i> , <b>2015</b> , 163, 907-19	56.2	77
25	Regulation of insect steroid hormone biosynthesis by innervating peptidergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8622-7	11.5	76
24	Identification of a novel prothoracicostatic hormone and its receptor in the silkworm <i>Bombyx mori</i> . <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 14684-90	5.4	76
23	Steroid hormone inactivation is required during the juvenile-adult transition in <i>Drosophila</i> . <i>Developmental Cell</i> , <b>2010</b> , 19, 895-902	10.2	69
22	An ecdysteroid-inducible insulin-like growth factor-like peptide regulates adult development of the silkworm <i>Bombyx mori</i> . <i>FEBS Journal</i> , <b>2009</b> , 276, 1221-32	5.7	69
21	A Membrane Transporter Is Required for Steroid Hormone Uptake in <i>Drosophila</i> . <i>Developmental Cell</i> , <b>2018</b> , 47, 294-305.e7	10.2	57
20	<i>Bombyx</i> orckokinins are brain-gut peptides involved in the neuronal regulation of ecdysteroidogenesis. <i>Journal of Comparative Neurology</i> , <b>2011</b> , 519, 238-46	3.4	56

19	A Drosophila Genome-Wide Screen Identifies Regulators of Steroid Hormone Production and Developmental Timing. <i>Developmental Cell</i> , <b>2016</b> , 37, 558-70	10.2	55
18	The Insect Prothoracic Gland as a Model for Steroid Hormone Biosynthesis and Regulation. <i>Cell Reports</i> , <b>2016</b> , 16, 247-262	10.6	53
17	Nutrition-dependent control of insect development by insulin-like peptides. <i>Current Opinion in Insect Science</i> , <b>2015</b> , 11, 21-30	5.1	46
16	Nutrient-Dependent Endocycling in Steroidogenic Tissue Dictates Timing of Metamorphosis in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006583	6	45
15	Differential regulation of ecdysteroidogenic P450 gene expression in the silkworm, <i>Bombyx mori</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2007</b> , 71, 2808-14	2.1	41
14	Transcriptome analysis reveals nutrition- and age-related patterns of gene expression in the fat body of pre-overwintering bumble bee queens. <i>Molecular Ecology</i> , <b>2020</b> , 29, 720-737	5.7	22
13	Spatiotemporal patterns of IGF-like peptide expression in the silkworm <i>Bombyx mori</i> predict its pleiotropic actions. <i>General and Comparative Endocrinology</i> , <b>2011</b> , 173, 171-82	3	17
12	Nitric oxide directly regulates gene expression during <i>Drosophila</i> development: need some gas to drive into metamorphosis?. <i>Genes and Development</i> , <b>2011</b> , 25, 1459-63	12.6	16
11	Steroid Hormone Entry into the Brain Requires a Membrane Transporter in <i>Drosophila</i> . <i>Current Biology</i> , <b>2020</b> , 30, 359-366.e3	6.3	14
10	Adult-specific insulin-producing neurons in <i>Drosophila melanogaster</i> . <i>Journal of Comparative Neurology</i> , <b>2018</b> , 526, 1351-1367	3.4	11
9	Ecdysteroid signalling in insects—from biosynthesis to gene expression regulation. <i>Advances in Insect Physiology</i> , <b>2021</b> , 1-36	2.5	3
8	Care-giver identity impacts offspring development and performance in an annually social bumble bee. <i>Bmc Ecology and Evolution</i> , <b>2021</b> , 21, 20	21	3
7	Transporter-mediated ecdysteroid trafficking across cell membranes: A novel target for insect growth regulators. <i>Journal of Pesticide Sciences</i> , <b>2021</b> , 46, 23-28	2.7	2
6	Apology: royal secrets in the queens fat body. <i>Current Biology</i> , <b>2011</b> , 21, R510-2	6.3	1
5	Rapid Assessment of Insect Steroid Hormone Entry Into Cultured Cells.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 816058	4.6	1
4	Parasitic nematode fatty acid- and retinol-binding proteins compromise host immunity by interfering with host lipid signaling pathways. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010027	7.6	1
3	Prothoracicotropic hormone <b>2021</b> , 739-741		1
2	?????????????????????????. <i>Kagaku To Seibutsu</i> , <b>2008</b> , 46, 352-357	0	

- 1 Convergent Loss of Prothoracicotrophic Hormone, A Canonical Regulator of Development, in Social Bee Evolution.. *Frontiers in Physiology*, **2022**, 13, 831928 4.6