

Hitoshi Miyakawa

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,219
citations

331670

21
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Juvenile hormone synthesis and signaling disruption triggering male offspring induction and population decline in cladocerans (water flea): Review and adverse outcome pathway development. <i>Aquatic Toxicology</i> , 2022, 243, 106058.	4.0	7
2	Sex Determination and Differentiation in Decapod and Cladoceran Crustaceans: An Overview of Endocrine Regulation. <i>Genes</i> , 2021, 12, 305.	2.4	28
3	Two insulin-like peptides may regulate egg production in opposite directions via juvenile hormone signaling in the queenless ant <i>Pristomyrmex punctatus</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2020, 334, 225-234.	1.3	5
4	Poly(alanine-nylon-alanine) as a bioplastic: chemoenzymatic synthesis, thermal properties and biological degradation effects. <i>Polymer Chemistry</i> , 2020, 11, 4920-4927.	3.9	6
5	Size measurement of <i>Daphnia pulex</i> using low-coherence Gabor digital holography. <i>Optical Review</i> , 2019, 26, 693-698.	2.0	0
6	A self-marker-like protein governs hemocyte allorecognition in <i>Halocynthia roretzi</i> . <i>Zoological Letters</i> , 2019, 5, 34.	1.3	2
7	Establishment of a high-sensitivity reporter system in mammalian cells for detecting juvenoids using juvenile hormone receptors of <i>Daphnia pulex</i> . <i>Journal of Applied Toxicology</i> , 2019, 39, 241-246.	2.8	12
8	The doublesex gene integrates multi-locus complementary sex determination signals in the Japanese ant, <i>Vollenhovia emeryi</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 94, 42-49.	2.7	11
9	Juvenile hormone-independent function of KrÄppel homolog 1 in early development of water flea <i>Daphnia pulex</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2018, 93, 12-18.	2.7	20
10	Ecdysteroid and juvenile hormone biosynthesis, receptors and their signaling in the freshwater microcrustacean <i>Daphnia</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 62-68.	2.5	46
11	Induction and Evaluation of Inbreeding Crosses Using the Ant, <i>Vollenhovia Emeryi</i> . <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
12	Comparative luciferase assay for establishing reliable <i>in vitro</i> screening system of juvenile hormone agonists. <i>Journal of Applied Toxicology</i> , 2017, 37, 1082-1090.	2.8	29
13	<i>Neverland</i> regulates embryonic moltings through the regulation of ecdysteroid synthesis in the water flea <i>Daphnia magna</i> , and may thus act as a target for chemical disruption of molting. <i>Journal of Applied Toxicology</i> , 2016, 36, 1476-1485.	2.8	41
14	RNA-seq analysis of the gonadal transcriptome during Alligator mississippiensis temperature-dependent sex determination and differentiation. <i>BMC Genomics</i> , 2016, 17, 77.	2.8	86
15	Neofunctionalization of Androgen Receptor by Gain-of-Function Mutations in Teleost Fish Lineage. <i>Molecular Biology and Evolution</i> , 2016, 33, 228-244.	8.9	41
16	Ionotropic Glutamate Receptors Mediate Inducible Defense in the Water Flea <i>Daphnia pulex</i> . <i>PLoS ONE</i> , 2015, 10, e0121324.	2.5	23
17	Methyl farnesoate synthesis is necessary for the environmental sex determination in the water flea <i>Daphnia pulex</i> . <i>Journal of Insect Physiology</i> , 2015, 80, 22-30.	2.0	96
18	Intra-specific variations in reaction norms of predator-induced polyphenism in the water flea <i>Daphnia pulex</i> . <i>Ecological Research</i> , 2015, 30, 705-713.	1.5	15

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19	NMDA receptor activation upstream of methyl farnesoate signaling for short day-induced male offspring production in the water flea, <i>Daphnia pulex</i> . <i>BMC Genomics</i> , 2015, 16, 186.	2.8	42
20	Diofenolan induces male offspring production through binding to the juvenile hormone receptor in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2015, 159, 44-51.	4.0	32
21	Sexually Dimorphic Body Color Is Regulated by Sex-Specific Expression of Yellow Gene in Ponerine Ant, <i>Diacamma Sp.</i> <i>PLoS ONE</i> , 2014, 9, e92875.	2.5	28
22	Developmental Link between Sex and Nutrition; doublesex Regulates Sex-Specific Mandible Growth via Juvenile Hormone Signaling in Stag Beetles. <i>PLoS Genetics</i> , 2014, 10, e1004098.	3.5	138
23	Roles of ecdysteroids for progression of reproductive cycle in the fresh water crustacean <i>Daphnia magna</i> . <i>Frontiers in Zoology</i> , 2014, 11, .	2.0	59
24	Molecular impact of juvenile hormone agonists on neonatal <i>Daphnia magna</i> . <i>Journal of Applied Toxicology</i> , 2014, 34, 537-544.	2.8	35
25	Comparison of JH signaling in insects and crustaceans. <i>Current Opinion in Insect Science</i> , 2014, 1, 81-87.	4.4	57
26	Molecular cloning of doublesex genes of four cladocera (water flea) species. <i>BMC Genomics</i> , 2013, 14, 239.	2.8	53
27	Development of a microinjection system for RNA interference in the water flea <i>Daphnia pulex</i> . <i>BMC Biotechnology</i> , 2013, 13, 96.	3.3	29
28	Effect of Juvenoids on Predator-Induced Polyphenism in the Water Flea, <i>Daphnia pulex</i> . <i>Journal of Experimental Zoology</i> , 2013, 319, 440-450.	1.2	30
29	A mutation in the receptor Methoprene-tolerant alters juvenile hormone response in insects and crustaceans. <i>Nature Communications</i> , 2013, 4, 1856.	12.8	100
30	Ovarian development and insulin-signaling pathways during reproductive differentiation in the queenless ponerine ant <i>Diacamma sp.</i> <i>Journal of Insect Physiology</i> , 2010, 56, 288-295.	2.0	40
31	Gene up-regulation in response to predator kairomones in the water flea, <i>Daphnia pulex</i> . <i>BMC Developmental Biology</i> , 2010, 10, 45.	2.1	107