

Masaru K Hojo

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lycaenid Caterpillar Secretions Manipulate Attendant Ant Behavior. <i>Current Biology</i> , 2015, 25, 2260-2264.	3.9	56
2	Reduced expression of <i>major royal jelly protein 1</i> gene in the mushroom bodies of worker honeybees with reduced learning ability. <i>Apidologie</i> , 2010, 41, 194-202.	2.0	43
3	Genomic and transcriptomic analyses of the subterranean termite <i>Reticulitermes speratus</i> : Gene duplication facilitates social evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	37
4	Ants Use Partner Specific Odors to Learn to Recognize a Mutualistic Partner. <i>PLoS ONE</i> , 2014, 9, e86054.	2.5	36
5	Chemical disguise as particular caste of host ants in the ant inquiline parasite <i>Niphanda fusca</i> (Lepidoptera: Lycaenidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 551-558.	2.6	34
6	Identification of soldier caste-specific protein in the frontal gland of nasute termite <i>Nasutitermes takasagoensis</i> (Isoptera: Termitidae). <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 347-354.	2.7	32
7	Cloning and expression of a geranylgeranyl diphosphate synthase gene: insights into the synthesis of termite defence secretion. <i>Insect Molecular Biology</i> , 2007, 16, 121-131.	2.0	31
8	High-level expression of the <i>Geranylgeranyl diphosphate synthase</i> gene in the frontal gland of soldiers in <i>Reticulitermes speratus</i> (Isoptera: Rhinotermitidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2011, 77, 17-31.	1.5	30
9	Why do ants shift their foraging from extrafloral nectar to aphid honeydew?. <i>Ecological Research</i> , 2013, 28, 919-926.	1.5	28
10	Antennal RNA-sequencing analysis reveals evolutionary aspects of chemosensory proteins in the carpenter ant, <i>Camponotus japonicus</i> . <i>Scientific Reports</i> , 2015, 5, 13541.	3.3	26
11	Suppressive effects of dRYamides on feeding behavior of the blowfly, <i>Phormia regina</i> . <i>Zoological Letters</i> , 2015, 1, 35.	1.3	20
12	Putative Neural Network Within an Olfactory Sensory Unit for Nestmate and Non-nestmate Discrimination in the Japanese Carpenter Ant: The Ultra-structures and Mathematical Simulation. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 310.	3.7	19
13	Aphid Genotype Determines Intensity of Ant Attendance: Do Endosymbionts and Honeydew Composition Matter?. <i>Annals of the Entomological Society of America</i> , 2013, 106, 761-770.	2.5	17
14	Duplication and soldier-specific expression of geranylgeranyl diphosphate synthase genes in a nasute termite <i>Nasutitermes takasagoensis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 111, 103177.	2.7	16
15	Identification of soldier-specific genes in the nasute termite <i>Nasutitermes takasagoensis</i> (Isoptera: Tj ETQq1 1 0.784314 rgBT ₁₅ /Overl	0.6	15
16	Gustatory synergism in ants mediates a species-specific symbiosis with lycaenid butterflies. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2008, 194, 1043-1052.	1.6	14
17	Regulation of neotenic differentiation through direct physical contact in the damp-wood termite <i>Hodotermopsis sjostedti</i> . <i>Insectes Sociaux</i> , 2017, 64, 393-401.	1.2	12
18	Neuronal Projections and Putative Interaction of Multimodal Inputs in the Subesophageal Ganglion in the Blowfly, <i>Phormia regina</i> . <i>Chemical Senses</i> , 2014, 39, 391-401.	2.0	11

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19	Worker propensity affects flexible task reversion in an ant. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	11
20	Chemical Identification and Ethological Function of Soldier-Specific Secretion in Japanese Subterranean Termite <i>Reticulitermes speratus</i> (Rhinotermitidae). Bioscience, Biotechnology and Biochemistry, 2011, 75, 1818-1822.	1.3	9
21	Social transmission of information about a mutualist via trophallaxis in ant colonies. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171367.	2.6	9
22	Markerless visual servo control of a servosphere for behavior observation of a variety of wandering animals. Advanced Robotics, 2019, 33, 183-194.	1.8	8
23	Adoption of lycaenid <i>Niphanda fusca</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587) (<i>Hymenoptera: Formicidae</i>). Entomological Science, 2014, 17, 59-65.	0.6	7
24	Worker-dependent gut symbiosis in an ant. ISME Communications, 2021, 1, .	4.2	6
25	Understanding of superorganisms: collective behavior, differentiation and social organization. Artificial Life and Robotics, 2022, 27, 204-212.	1.2	4
26	Evolution of chemical interactions between ants and their mutualist partners. Current Opinion in Insect Science, 2022, 52, 100943.	4.4	4
27	Individual experience influences reconstruction of division of labour under colony disturbance in a queenless ant species. Frontiers in Zoology, 2022, 19, .	2.0	3
28	Herbivory damage does not indirectly influence the composition or excretion of aphid honeydew. Population Ecology, 2006, 48, 245-250.	1.2	2
29	Odor of achlorophyllous plants's seeds drives seed-dispersing ants. Ecology and Evolution, 2021, 11, 9308-9317.	1.9	1
30	Characterization of Localization, Ligand Binding, and pH-Dependent Conformational Changes of Two Chemosensory Proteins Expressed in the Antennae of the Japanese Carpenter Ant, <i>Camponotus Japonicus</i> . Zoological Science, 2020, 37, 371.	0.7	1
31	Ant nestmate discrimination: Studies on the CHC pheromone and its information reception and processing. Journal of Japan Association on Odor Environment, 2022, 53, 37-44.	0.0	0