Shigeyuki Koshikawa

List of Publications by Year
in descending order

46 papers	1,761 citations	394390 19 h-index	302107 39 g-index
51 all docs	51 docs citations	51 times ranked	1743 citing authors

#	Article	IF	Citations
1	Hormone-related genes heterochronically and modularly regulate neotenic differentiation in termites. Developmental Biology, 2022, 485, 70-79.	2.0	7
2	Diversity of melanin synthesis genes in insects. Advances in Insect Physiology, 2022, , 339-376.	2.7	3
3	Transcriptome analysis reveals <i>wingless</i> regulates neural development and signaling genes in the region of wing pigmentation of a polkaâ€dotted fruit fly. FEBS Journal, 2021, 288, 115-126.	4.7	15
4	Mechanism of Color Pattern Formation in Insects. , 2021, , 367-384.		4
5	The color pattern inducing gene wingless is expressed in specific cell types of campaniform sensilla of a polka-dotted fruit fly, Drosophila guttifera. Development Genes and Evolution, 2021, 231, 85-93.	0.9	5
6	No evidence for contribution of sexually monomorphic wing pigmentation pattern to mate choice in <i>Drosophila guttifera</i>. Ethology, 2021, 127, 527-536.	1.1	3
7	DrosoPhyla: Resources for Drosophilid Phylogeny and Systematics. Genome Biology and Evolution, 2021, 13, .	2.5	45
8	The Making of Transgenic Drosophila guttifera. Methods and Protocols, 2020, 3, 31.	2.0	5
9	Temporal flexibility of gene regulatory network underlies a novel wing pattern in flies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11589-11596.	7.1	16
10	Enhancer functions underlying morphological diversity. Development Growth and Differentiation, 2020, 62, 263-264.	1.5	0
11	Evolution of wing pigmentation in <i>Drosophila</i>: Diversity, physiological regulation, and <i>cis</i>â€regulatory evolution. Development Growth and Differentiation, 2020, 62, 269-278.	1.5	18
12	Reduction of a nymphal instar in a dampwood termite: heterochronic shift in the caste differentiation pathways. EvoDevo, 2019, 10, 10.	3.2	4
13	Termite soldier mandibles are elongated by <i>dachshund</i> under hormonal and Hox gene controls. Development (Cambridge), 2019, 146, .	2.5	20
14	Modular <i>cis</i>â€regulatory logic of <i>yellow</i> gene expression in silkmoth larvae. Insect Molecular Biology, 2019, 28, 568-577.	2.0	6
15	Life Cycle of the Japanese Green Syllid, Megasyllis nipponica (Annelida: Syllidae): Field Collection and Establishment of Rearing System. Zoological Science, 2019, 36, 372.	0.7	7
16	Methods for Staging Pupal Periods and Measurement of Wing Pigmentation of Drosophila guttifera. Journal of Visualized Experiments, 2018, , .	0.3	14
17	Pupal development and pigmentation process of a polka-dotted fruit fly, Drosophila guttifera (Insecta,) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	21
18	Drosophila guttifera as a Model System for Unraveling Color Pattern Formation. , 2017, , 287-301.		8

#	ARTICLE	IF	CITATIONS
19	Extremotolerant tardigrade genome and improved radiotolerance of human cultured cells by tardigrade-unique protein. Nature Communications, 2016, 7, 12808.	12.8	270
20	Phylogeography of the Subgenus Drosophila (Diptera: Drosophilidae): Evolutionary History of Faunal Divergence between the Old and the New Worlds. PLoS ONE, 2016, 11, e0160051.	2.5	46
21	Enhancer modularity and the evolution of new traits. Fly, 2015, 9, 155-159.	1.7	16
22	Expansion of presoldier cuticle contributes to head elongation during soldier differentiation in termites. Die Naturwissenschaften, 2015, 102, 71.	1.6	9
23	Gain of <i>cis</i> -regulatory activities underlies novel domains of <i>wingless</i> gene expression in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7524-7529.	7.1	95
24	Sexually Dimorphic Body Color Is Regulated by Sex-Specific Expression of Yellow Gene in Ponerine Ant, Diacamma Sp. PLoS ONE, 2014, 9, e92875.	2.5	28
25	Soldier Morphogenesis in the Dampâ€<scp>W</scp>ood Termite Is Regulated by the Insulin Signaling Pathway. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2013, 320, 295-306.	1.3	49
26	Differential gene expression in response to juvenile hormone analog treatment in the damp-wood termite Hodotermopsis sjostedti (Isoptera, Archotermopsidae). Journal of Insect Physiology, 2013, 59, 509-518.	2.0	16
27	Screening of Upregulated Genes Induced by High Density in the Vetch Aphid <i>Megoura crassicauda</i>. Journal of Experimental Zoology, 2012, 317, 194-203.	1.2	14
28	Juvenile Hormone Regulates Extreme Mandible Growth in Male Stag Beetles. PLoS ONE, 2011, 6, e21139.	2.5	102
29	Identification of a reproductive-specific, putative lipid transport protein gene in a queenless ponerine ant Diacamma sp.. Die Naturwissenschaften, 2010, 97, 971-979.	1.6	5
30	Gene expression changes during caste-specific neuronal development in the damp-wood termite Hodotermopsis sjostedti. BMC Genomics, 2010, 11, 314.	2.8	17
31	Gene up-regulation in response to predator kairomones in the water flea, Daphnia pulex. BMC Developmental Biology, 2010, 10, 45.	2.1	107
32	The homolog of Ciboulot in the termite (Hodotermopsis sjostedti): a multimeric beta-thymosin involved in soldier-specific morphogenesis. BMC Developmental Biology, 2010, 10, 63.	2.1	20
33	Generation of a novel wing colour pattern by the Wingless morphogen. Nature, 2010, 464, 1143-1148.	27.8	222
34	Genome size of<i>Pachypsylla venusta</i>(Hemiptera: Psyllidae) and the ploidy of its bacteriocyte, the symbiotic host cell that harbors intracellular mutualistic bacteria with the smallest cellular genome. Bulletin of Entomological Research, 2010, 100, 27-33.	1.0	25
35	Histology of the hormone-producing glands in the damp-wood termite Hodotermopsis sjostedti (Isoptera, Termopsidae): A focus on soldier differentiation. Insectes Sociaux, 2008, 55, 407-416.	1.2	12
36	Genome size of termites (Insecta, Dictyoptera, Isoptera) and wood roaches (Insecta, Dictyoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	44

#	Article	IF	Citations
37	Juvenile hormone titers and caste differentiation in the damp-wood termite Hodotermopsis sjostedti (Isoptera, Termopsidae). Journal of Insect Physiology, 2008, 54, 922-930.	2.0	148
38	Compound Eye Development During Caste Differentiation in the Termite Reticulitermes speratus (Isoptera: Rhinotermitidae). Zoological Science, 2008, 25, 699-705.	0.7	33
39	Caste-specific cytochrome P450 in the damp-wood termite Hodotermopsis sjostedti (Isoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	48
40	Identification of soldier-specific genes in the nasute termite Nasutitermes takasagoensis (Isoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	15
41	Screening of genes expressed in developing mandibles during soldier differentiation in the termiteHodotermopsis sjostedti. FEBS Letters, 2005, 579, 1365-1370.	2.8	45
42	Comparative studies on alate wing formation in two related species of rotten-wood termites: Hodotermopsis sjostedti and Zootermopsis nevadensis (Isoptera, Termopsidae). Insectes Sociaux, 2004, 51, 247.	1.2	34
43	Soldier-like Intercastes in the Rotten-wood Termite Hodotermopsis sjostedti (Isoptera: Termopsidae). Zoological Science, 2004, 21, 583-588.	0.7	8
44	Mandibular morphogenesis during soldier differentiation in the damp-wood termite Hodotermopsis sjoestedti (Isoptera: Termopsidae). Die Naturwissenschaften, 2003, 90, 180-184.	1.6	28
45	Winged presoldiers induced by a juvenile hormone analog inZootermopsis nevadensis: Implications for plasticity and evolution of caste differentiation in termites. Journal of Morphology, 2003, 257, 22-32.	1.2	40
46	Morphometric changes during soldier differentiation of the damp-wood termite Hodotermopsis japonica (Isoptera, Termopsidae). Insectes Sociaux, 2002, 49, 245-250.	1.2	58