Masatoshi Hori

List of Publications by Year
in descending order

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44 papers	1,004 citations	471509 17 h-index	454955 30 g-index
44 all docs	44 docs citations	44 times ranked	918 citing authors

#	Article	IF	Citations
1	Lethal effect of blue light on Asian tiger mosquito, Aedes albopictus (Diptera: Culicidae). Scientific Reports, 2022, 12, .	3.3	4
2	Lethal effect of blue light on the developmental stages of the urban mosquito, Culex pipiens form molestus (Diptera: Culicidae). Applied Entomology and Zoology, 2021, 56, 319.	1.2	2
3	Taste recognition through tarsal gustatory sensilla potentially important for host selection in leaf beetles (Coleoptera: Chrysomelidae). Scientific Reports, 2020, 10, 4931.	3.3	15
4	Wood volatiles as attractants of the confused flour beetle, Tribolium confusum (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	3.3	10
5	Feeding behaviors of rice-ear bugs, Trigonotylus caelestialium and Stenotus rubrovittatus (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Ov 143-150.	1.2	3
6	Toxic wavelength of blue light changes as insects grow. PLoS ONE, 2018, 13, e0199266.	2.5	38
7	Lethal effect of blue light on insects and its application to pest control. Japanese Journal of Pesticide Science, 2018, 43, 109-116.	0.0	1
8	Lethal effect of blue light on strawberry leaf beetle, Galerucella grisescens (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (C	3.3	17
9	Comparisons of accumulation and excretion of iminosugars among mulberry-feeding specialist Bombyx larvae and non-specialist larvae. Applied Entomology and Zoology, 2014, 49, 571-578.	1.2	6
10	Diurnal locomotion and feeding activities of two rice-ear bugs, Trigonotylus caelestialium and Stenotus rubrovittatus (Hemiptera: Heteroptera: Miridae). Applied Entomology and Zoology, 2014, 49, 149-157.	1.2	6
11	Catechol - an Oviposition Stimulant for Cigarette Beetle in Roasted Coffee Beans. Journal of Chemical Ecology, 2014, 40, 452-457.	1.8	6
12	Lethal effects of short-wavelength visible light on insects. Scientific Reports, 2014, 4, 7383.	3.3	113
13	Host plant volatiles responsible for the invasion of <scp>S</scp>tenotus rubrovittatus (<scp>H</scp>eteroptera: <scp>M</scp>iridae) into paddy fields. Journal of Applied Entomology, 2013, 137, 340-346.	1.8	13
14	Attractiveness of synthetic volatile blends of flowering rice panicles to <scp>T</scp>rigonotylus caelestialium (<scp>K</scp>irkaldy) (<scp>H</scp>eteroptera: <scp>M</scp>iridae). Journal of Applied Entomology, 2013, 137, 97-103.	1.8	6
15	Production of transgenic rice plants expressing Dioscorea batatas tuber lectin 1 to confer resistance against brown planthopper. Plant Biotechnology, 2012, 29, 501-504.	1.0	16
16	Chemicals affecting the feeding preference of the Solanaceaeâ€feeding lady beetle Henosepilachna vigintioctomaculata (Coleoptera: Coccinellidae). Journal of Applied Entomology, 2011, 135, 121-131.	1.8	27
17	Host suitability of various stored food products for the cigarette beetle, Lasioderma serricorne (Coleoptera: Anobiidae). Applied Entomology and Zoology, 2011, 46, 463-469.	1.2	21
18	Attractants for Rice Leaf Bug, Trigonotylus caelestialium (Kirkaldy), are Emitted from Flowering Rice Panicles. Journal of Chemical Ecology, 2010, 36, 999-1005.	1.8	35

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19	Determination of iminosugars in mulberry leaves and silkworms using hydrophilic interaction chromatographyâ€“tandem mass spectrometry. Analytical Biochemistry, 2010, 404, 217-222.	2.4	54
20	Influence of host plant odours on invasion of the rice leaf bug Trigonotylus caelestialium into paddy fields. Agricultural and Forest Entomology, 2010, 12, 99-105.	1.3	10
21	Expression of gene for Dioscorea batatas tuber lectin 1 in transgenic tobacco confers resistance to green-peach aphid. Plant Biotechnology, 2010, 27, 141-145.	1.0	11
22	Allelochemicals in Plantâ€“Insect Interactions. , 2010, , 563-594.		9
23	Repellency and toxicity of troponoid compounds against the adzuki bean beetle, Callosobruchus chinensis (L.) (Coleoptera: Bruchidae). Journal of Stored Products Research, 2009, 45, 49-53.	2.6	10
24	Olfactory response of Stenotus rubrovittatus to rice and paddy weed, Scirpus juncoides. Journal of Applied Entomology, 2009, 133, 438-443.	1.8	9
25	Onion aphid (Neotoxoptera formosana) attractants, in the headspace of Allium fistulosum and A. tuberosum leaves. Journal of Applied Entomology, 2007, 131, 8-12.	1.8	24
26	Olfactory response of Trigonotylus caelestialium (Het.: Miridae) to rice plant and gramineous weeds. Journal of Applied Entomology, 2007, 131, 513-517.	1.8	12
27	Identification of the contact sex pheromone of Gastrophysa atrocyanea (Coleoptera: Chrysomelidae). Applied Entomology and Zoology, 2006, 41, 269-276.	1.2	27
28	Role of host plant volatile in the host-finding behavior of the strawberry leaf beetle, Galerucella vittaticollis Baly (Coleoptera: Chrysomelidae). Applied Entomology and Zoology, 2006, 41, 357-363.	1.2	29
29	Effects of the Conditions of the Cigarette Beetle, Lasioderma serricorne (Fabricius) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 and Zoology, 2006, 50, 13-17.	0.1	0
30	Luteolin 7-O-glucoside in Hozuki Leaves, Physalis alkekengi, Is Involved in Feeding Stimulation in Epilachna vigintioctopunctata.. Japanese Journal of Applied Entomology and Zoology, 2005, 49, 251-254.	0.1	7
31	Estimation of the phosphine resistance level of the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae), by the knockdown time of adult. Applied Entomology and Zoology, 2005, 40, 557-561.	1.2	19
32	Development of a new assay method for quickly evaluating phosphine resistance of the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae), based on knockdown of the adult beetles. Applied Entomology and Zoology, 2005, 40, 99-104.	1.2	16
33	Development of repellent strips for controlling the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae). Applied Entomology and Zoology, 2005, 40, 373-377.	1.2	5
34	Repellency of hinokitiol against the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	15
35	Evaluation of the practicability of hinokitiol as a repellent against the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae). Applied Entomology and Zoology, 2004, 39, 699-704.	1.2	9
36	Repellency of shiso oil components against the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae). Applied Entomology and Zoology, 2004, 39, 357-362.	1.2	21

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37	Repellency of essential oils against the cigarette beetle, Lasioderma serricorne (Fabricius) (Coleoptera: Anobiidae). Applied Entomology and Zoology, 2003, 38, 467-473.	1.2	79
38	Antifeeding, settling inhibitory and toxic activities of labiate essential oils against the green peach aphid, Myzus persicae (Sulzer) (Homoptera : Aphididae). Applied Entomology and Zoology, 1999, 34, 113-118.	1.2	52
39	The effects of rosemary and ginger oils on the alighting behavior of Myzus persicae (Sulzer) (Homoptera : Aphididae) and on the incidence of yellow spotted streak. Applied Entomology and Zoology, 1999, 34, 351-358.	1.2	28
40	Role of host plant odors in the host finding behaviors of aphids. Applied Entomology and Zoology, 1999, 34, 293-298.	1.2	28
41	Repellency of Rosemary Oil Against Myzus persicae in a Laboratory and in a Screenhouse. Journal of Chemical Ecology, 1998, 24, 1425-1432.	1.8	112
42	Repellency of Rosemary Oil and Its Components against the Onion Aphid, Neotoxoptera formosana (TAKAHASHI) (Homoptera, Aphididae). Applied Entomology and Zoology, 1997, 32, 303-310.	1.2	54
43	Settling Inhibition and Insecticidal Activity of Garlic and Onion Oils against Myzus persicae (SULZER) (Homoptera: Aphididae). Applied Entomology and Zoology, 1996, 31, 605-612.	1.2	16
44	Screening Plants Resistant to Green Peach Aphid, Myzus persicae (SULZER) (Homoptera: Aphididae). Applied Entomology and Zoology, 1995, 30, 246-249.	1.2	9