

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
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44
all docs

44
docs citations

44
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Lethal effects of short-wavelength visible light on insects. <i>Scientific Reports</i> , 2014, 4, 7383.	3.3	113
2	Repellency of Rosemary Oil Against <i>Myzus persicae</i> in a Laboratory and in a Screenhouse. <i>Journal of Chemical Ecology</i> , 1998, 24, 1425-1432.	1.8	112
3	Repellency of essential oils against the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2003, 38, 467-473.	1.2	79
4	Repellency of Rosemary Oil and Its Components against the Onion Aphid, <i>Neotoxoptera formosana</i> (TAKAHASHI) (Homoptera, Aphididae). <i>Applied Entomology and Zoology</i> , 1997, 32, 303-310.	1.2	54
5	Determination of iminosugars in mulberry leaves and silkworms using hydrophilic interaction chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 404, 217-222.	2.4	54
6	Antifeeding, settling inhibitory and toxic activities of labiate essential oils against the green peach aphid, <i>Myzus persicae</i> (Sulzer) (Homoptera : Aphididae). <i>Applied Entomology and Zoology</i> , 1999, 34, 113-118.	1.2	52
7	Toxic wavelength of blue light changes as insects grow. <i>PLoS ONE</i> , 2018, 13, e0199266.	2.5	38
8	Attractants for Rice Leaf Bug, <i>Trigonotylus caelestialium</i> (Kirkaldy), are Emitted from Flowering Rice Panicles. <i>Journal of Chemical Ecology</i> , 2010, 36, 999-1005.	1.8	35
9	Role of host plant volatile in the host-finding behavior of the strawberry leaf beetle, <i>Galerucella vittaticollis</i> Baly (Coleoptera: Chrysomelidae). <i>Applied Entomology and Zoology</i> , 2006, 41, 357-363.	1.2	29
10	The effects of rosemary and ginger oils on the alighting behavior of <i>Myzus persicae</i> (Sulzer) (Homoptera : Aphididae) and on the incidence of yellow spotted streak. <i>Applied Entomology and Zoology</i> , 1999, 34, 351-358.	1.2	28
11	Role of host plant odors in the host finding behaviors of aphids. <i>Applied Entomology and Zoology</i> , 1999, 34, 293-298.	1.2	28
12	Identification of the contact sex pheromone of <i>Gastrophysa atrocyanea</i> (Coleoptera: Chrysomelidae). <i>Applied Entomology and Zoology</i> , 2006, 41, 269-276.	1.2	27
13	Chemicals affecting the feeding preference of the Solanaceae-feeding lady beetle <i>Henosepilachna vigintioctomaculata</i> (Coleoptera: Coccinellidae). <i>Journal of Applied Entomology</i> , 2011, 135, 121-131.	1.8	27
14	Onion aphid (<i>Neotoxoptera formosana</i>) attractants, in the headspace of <i>Allium fistulosum</i> and <i>A. tuberosum</i> leaves. <i>Journal of Applied Entomology</i> , 2007, 131, 8-12.	1.8	24
15	Repellency of shiso oil components against the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2004, 39, 357-362.	1.2	21
16	Host suitability of various stored food products for the cigarette beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2011, 46, 463-469.	1.2	21
17	Estimation of the phosphine resistance level of the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae), by the knockdown time of adult. <i>Applied Entomology and Zoology</i> , 2005, 40, 557-561.	1.2	19
18	Lethal effect of blue light on strawberry leaf beetle, <i>Galerucella grisea</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,62 Td (Ch	3.3	17

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19	Settling Inhibition and Insecticidal Activity of Garlic and Onion Oils against <i>Myzus persicae</i> (SULZER) (Homoptera: Aphididae). <i>Applied Entomology and Zoology</i> , 1996, 31, 605-612.	1.2	16
20	Development of a new assay method for quickly evaluating phosphine resistance of the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae), based on knockdown of the adult beetles. <i>Applied Entomology and Zoology</i> , 2005, 40, 99-104.	1.2	16
21	Production of transgenic rice plants expressing <i>Dioscorea batatas</i> tuber lectin 1 to confer resistance against brown planthopper. <i>Plant Biotechnology</i> , 2012, 29, 501-504.	1.0	16
22	Repellency of hinokitiol against the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2005, 40, 99-104.	1.2	15
23	Taste recognition through tarsal gustatory sensilla potentially important for host selection in leaf beetles (Coleoptera: Chrysomelidae). <i>Scientific Reports</i> , 2020, 10, 4931.	3.3	15
24	Host plant volatiles responsible for the invasion of <i>Stenotus rubrovittatus</i> (Heteroptera: Miridae) into paddy fields. <i>Journal of Applied Entomology</i> , 2013, 137, 340-346.	1.8	13
25	Olfactory response of <i>Trigonotylus caelestialium</i> (Het.: Miridae) to rice plant and gramineous weeds. <i>Journal of Applied Entomology</i> , 2007, 131, 513-517.	1.8	12
26	Expression of gene for <i>Dioscorea batatas</i> tuber lectin 1 in transgenic tobacco confers resistance to green-peach aphid. <i>Plant Biotechnology</i> , 2010, 27, 141-145.	1.0	11
27	Repellency and toxicity of troponoid compounds against the adzuki bean beetle, <i>Callosobruchus chinensis</i> (L.) (Coleoptera: Bruchidae). <i>Journal of Stored Products Research</i> , 2009, 45, 49-53.	2.6	10
28	Influence of host plant odours on invasion of the rice leaf bug <i>Trigonotylus caelestialium</i> into paddy fields. <i>Agricultural and Forest Entomology</i> , 2010, 12, 99-105.	1.3	10
29	Wood volatiles as attractants of the confused flour beetle, <i>Tribolium confusum</i> (Coleoptera: Tenebrionidae). <i>Journal of Applied Entomology</i> , 2009, 133, 438-443.	3.3	10
30	Evaluation of the practicability of hinokitiol as a repellent against the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2004, 39, 699-704.	1.2	9
31	Olfactory response of <i>Stenotus rubrovittatus</i> to rice and paddy weed, <i>Scirpus juncoides</i> . <i>Journal of Applied Entomology</i> , 2009, 133, 438-443.	1.8	9
32	Allelochemicals in Plant-Insect Interactions. , 2010, , 563-594.		9
33	Screening Plants Resistant to Green Peach Aphid, <i>Myzus persicae</i> (SULZER) (Homoptera: Aphididae). <i>Applied Entomology and Zoology</i> , 1995, 30, 246-249.	1.2	9
34	Luteolin 7-O-glucoside in Hozuki Leaves, <i>Physalis alkekengi</i> , Is Involved in Feeding Stimulation in <i>Epilachna vigintioctopunctata</i> . <i>Japanese Journal of Applied Entomology and Zoology</i> , 2005, 49, 251-254.	0.1	7
35	Attractiveness of synthetic volatile blends of flowering rice panicles to <i>Trigonotylus caelestialium</i> (Heteroptera: Miridae) (<i>Stenotus rubrovittatus</i>) (Heteroptera: Miridae). <i>Journal of Applied Entomology</i> , 2013, 137, 97-103.	1.8	6
36	Comparisons of accumulation and excretion of iminosugars among mulberry-feeding specialist <i>Bombyx</i> larvae and non-specialist larvae. <i>Applied Entomology and Zoology</i> , 2014, 49, 571-578.	1.2	6

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37	Diurnal locomotion and feeding activities of two rice-ear bugs, <i>Trigonotylus caelestialium</i> and <i>Stenotus rubrovittatus</i> (Hemiptera: Heteroptera: Miridae). <i>Applied Entomology and Zoology</i> , 2014, 49, 149-157.	1.2	6
38	Catechol - an Oviposition Stimulant for Cigarette Beetle in Roasted Coffee Beans. <i>Journal of Chemical Ecology</i> , 2014, 40, 452-457.	1.8	6
39	Development of repellent strips for controlling the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2005, 40, 373-377.	1.2	5
40	Lethal effect of blue light on Asian tiger mosquito, <i>Aedes albopictus</i> (Diptera: Culicidae). <i>Scientific Reports</i> , 2022, 12, .	3.3	4
41	Feeding behaviors of rice-ear bugs, <i>Trigonotylus caelestialium</i> and <i>Stenotus rubrovittatus</i> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overl 143-150.	1.2	3
42	Lethal effect of blue light on the developmental stages of the urban mosquito, <i>Culex pipiens form molestus</i> (Diptera: Culicidae). <i>Applied Entomology and Zoology</i> , 2021, 56, 319.	1.2	2
43	Lethal effect of blue light on insects and its application to pest control. <i>Japanese Journal of Pesticide Science</i> , 2018, 43, 109-116.	0.0	1
44	Effects of the Conditions of the Cigarette Beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 and <i>Zoology</i> , 2006, 50, 13-17.	0.1	0