

Koji Noge

List of Publications by Year in descending order

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35
papers

726
citations

759233

12
h-index

552781

26
g-index

35
all docs

35
docs citations

35
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	Starch synthases SSIIa and GBSSI control starch structure but do not determine starch granule morphology in the absence of SSIIIa and SSVIb. <i>Plant Molecular Biology</i> , 2022, 108, 379-398.	3.9	8
2	Formation of taste-active pyroglutamyl peptide ethyl esters in sake by rice koji peptidases. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1476-1484.	1.3	0
3	Recent advances in chemical ecology: complex interactions mediated by molecules. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 33-41.	1.3	5
4	Chemical ecology of true bugs - Episodes of true bugs's odors. <i>Journal of Japan Association on Odor Environment</i> , 2021, 52, 267-274.	0.0	0
5	Hexanal, a major volatile found in fresh peanut seed, elicits foraging behavior in the laboratory-reared brown marmorated stink bug, <i>Halyomorpha halys</i> (Heteroptera: Pentatomidae). <i>Journal of Chemical Ecology</i> , 2021, 47, 107-114.	0.78	14
6	Identification of enzymes from genus <i>Trichoderma</i> that can accelerate formation of ferulic acid and ethyl ferulate in collaboration with rice koji enzyme in sake mash. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 177-182.	2.2	9
7	Isovaleronitrile co-induced with its precursor, l-leucine, by herbivory in the common evening primrose stimulates foraging behavior of the predatory blue shield bug. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 395-406.	1.3	8
8	Cytochrome P450 CYP71AT96 catalyses the final step of herbivore-induced phenylacetone nitrile biosynthesis in the giant knotweed, <i>Fallopia sachalinensis</i> . <i>Plant Molecular Biology</i> , 2016, 91, 229-239.	3.9	30
9	Studies on chemical ecology of the heteropteran scent gland components. <i>Journal of Pesticide Sciences</i> , 2015, 40, 143-145.	1.4	6
10	Studies on chemical ecology of the heteropteran scent gland components. <i>Japanese Journal of Pesticide Science</i> , 2015, 40, 152-156.	0.0	0
11	Methyl jasmonate elicits the production of methyl hexenoate from hexenol via hexenal in <i>Achyranthes bidentata</i> plant. <i>FEBS Letters</i> , 2015, 589, 390-395.	2.8	4
12	4-Oxo-2-hexenal produced by Heteroptera induces permanent locomotive impairment in crickets that correlates with free thiol depletion. <i>FEBS Open Bio</i> , 2015, 5, 319-324.	2.3	6
13	Identification of the Alarm Pheromone of <i>Hygia lativentris</i> and Changes in Composition during Development. <i>Journal of Chemical Ecology</i> , 2015, 41, 757-765.	1.8	17
14	Documenting the early stages of invasion of <i>Matthiola parviflora</i> and predicting its spread in North America. <i>Southwestern Naturalist</i> , 2014, 59, 47-55.	0.1	2
15	Deuterium labeling for investigating de novo synthesis of terpene volatiles in <i>Achyranthes bidentata</i> . <i>Biotechnology Letters</i> , 2013, 35, 1247-1252.	2.2	5
16	Herbivore-induced phenylacetone nitrile is biosynthesized from de novo synthesized phenylalanine in the giant knotweed, <i>Fallopia sachalinensis</i> . <i>FEBS Letters</i> , 2013, 587, 1811-1817.	2.8	20
17	Methyl jasmonate is transported to distal leaves via vascular process metabolizing itself into JA-Ile and triggering VOCs emission as defensive metabolites. <i>Plant Signaling and Behavior</i> , 2012, 7, 1378-1381.	2.4	22
18	Antibacterial Activity of 4-Oxo-2-hexenal from Adults and Nymphs of the Heteropteran, <i>Dolycoris baccarum</i> (Heteroptera: Pentatomidae). <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1975-1978.	1.3	14

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19	Defensive Roles of (E)-2-Alkenals and Related Compounds in Heteroptera. <i>Journal of Chemical Ecology</i> , 2012, 38, 1050-1056.	1.8	43
20	Parasitic wasp responses to symbiont-based defense in aphids. <i>BMC Biology</i> , 2012, 10, 11.	3.8	126
21	Phenylacetonitrile from the Giant Knotweed, <i>Fallopia sachalinensis</i> , Infested by the Japanese Beetle, <i>Popillia japonica</i> , Is Induced by Exogenous Methyl Jasmonate. <i>Molecules</i> , 2011, 16, 6481-6488.	3.8	12
22	Conversion of airborne nerolidol to DMNT emission requires additional signals in <i>Achyranthes bidentata</i> . <i>FEBS Letters</i> , 2011, 585, 1807-1813.	2.8	7
23	Gut Microbiota in Nymph and Adults of the Giant Mesquite Bug (<i>Thasus neocalifornicus</i>) (Heteroptera: Coreidae) Is Dominated by <i>Burkholderia</i> Acquired De Novo Every Generation. <i>Environmental Entomology</i> , 2011, 40, 1102-1110.	1.4	28
24	(R)-(-)-Linalyl Acetate and (S)-(-)-Germacrene D from the Leaves of Mexican <i>Bursera linanoe</i> . <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	6
25	(R)-(-)-linalyl acetate and (S)-(-)-germacrene D from the leaves of Mexican <i>Bursera linanoe</i> . <i>Natural Product Communications</i> , 2010, 5, 351-4.	0.5	7
26	Germacrene D, A Common Sesquiterpene in the Genus <i>Bursera</i> (Burseraceae). <i>Molecules</i> , 2009, 14, 5289-5297.	3.8	46
27	Stereochemistry of Female-Specific Normonoterpenes, Sex Pheromone Candidates from the Acarid Mite, <i>Tyrophagus</i> sp. (Astigmata: Acaridae). <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2332-2334.	1.3	3
28	Macroevolutionary chemical escalation in an ancient plant-herbivore arms race. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18062-18066.	7.1	152
29	Adults and Nymphs Do Not Smell the Same: The Different Defensive Compounds of the Giant Mesquite Bug (<i>Thasus neocalifornicus</i> : Coreidae). <i>Journal of Chemical Ecology</i> , 2008, 34, 734-741.	1.8	46
30	Geraniol dehydrogenase, the key enzyme in biosynthesis of the alarm pheromone, from the astigmatid mite <i>Carpoglyphus lactis</i> (Acari: Carpoglyphidae). <i>FEBS Journal</i> , 2008, 275, 2807-2817.	4.7	22
31	Efficient Incorporation of Unsaturated Fatty Acids into Volicitin-Related Compounds in <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 607-610.	1.3	10
32	Synthesis of (+)-(<i>S</i>)-isorobinal together with its antipod, a cyclic monoterpene functioning as the sex pheromone of <i>Rhizoglyphus setosus</i> and its distribution among Astigmata. <i>Journal of Pesticide Sciences</i> , 2006, 31, 311-315.	1.4	6
33	Identification of astigmatid mites using the second internal transcribed spacer (ITS2) region and its application for phylogenetic study. <i>Experimental and Applied Acarology</i> , 2005, 35, 29-46.	1.6	30
34	Biosynthesis of Neral in <i>Carpoglyphus lactis</i> (Acari: Carpoglyphidae) and Detection of Its Key Enzyme, Geraniol Dehydrogenase, by Electrophoresis. <i>Journal of the Acarological Society of Japan</i> , 2005, 14, 75-81.	0.2	11
35	Chemical Ecology of Astigmatid Mites LXXIII. Neral as an Alarm Pheromone of the Acarid Mite, <i>Oulenzia</i> sp. (Astigmata: Winterschmidtidae). <i>Journal of the Acarological Society of Japan</i> , 2004, 13, 57-64.	0.2	9