Dariusz Piesik

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9188739/publications.pdf

Version: 2024-02-01

43 papers	880 citations	394286 19 h-index	501076 28 g-index
43 all docs	43 docs citations	43 times ranked	860 citing authors

#	Article	IF	Citations
1	Cereal crop volatile organic compound induction after mechanical injury, beetle herbivory (Oulema) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	81
2	Production of phenolics and the emission of volatile organic compounds by perennial ryegrass (Lolium perenne L.)/Neotyphodium lolii association as a response to infection by Fusarium poae. Journal of Plant Physiology, 2013, 170, 1010-1019.	1.6	79
3	Fusarium infection in maize: Volatile induction of infected and neighboring uninfected plants has the potential to attract a pest cereal leaf beetle, Oulema melanopus. Journal of Plant Physiology, 2011, 168, 1534-1542.	1.6	66
4	Behavioural responses of wheat stem sawflies to wheat volatiles. Agricultural and Forest Entomology, 2008, 10, 245-253.	0.7	62
5	Volatile induction of infected and neighbouring uninfected plants potentially influence attraction/repellence of a cereal herbivore. Journal of Applied Entomology, 2013, 137, 296-309.	0.8	43
6	Volatile organic compounds released by maize following herbivory or insect extract application and communication between plants. Journal of Applied Entomology, 2017, 141, 630-643.	0.8	37
7	Volatile induction of three cereals: influence of mechanical injury and insect herbivory on injured plants and neighbouring uninjured plants. Annals of Applied Biology, 2010, 157, 425-434.	1.3	34
8	Sitophilus granarius responses to blends of five groups of cereal kernels and one group of plant volatiles. Journal of Stored Products Research, 2015, 62, 36-39.	1.2	32
9	Volatile organic compounds (VOCs) from cereal plants infested with crown rot: their identity and their capacity for inducing production of VOCs in uninfested plants. International Journal of Pest Management, 2010, 56, 377-383.	0.9	30
10	Pulsed Odors from Maize or Spinach Elicit Orientation in European Corn Borer Neonate Larvae. Journal of Chemical Ecology, 2009, 35, 1032-1042.	0.9	28
11	Orientation of European corn borer first instar larvae to synthetic green leaf volatiles. Journal of Applied Entomology, 2013, 137, 234-240.	0.8	28
12	Synthetic Cis-Jasmone Exposure Induces Wheat and Barley Volatiles that Repel the Pest Cereal Leaf Beetle, Oulema melanopus L.. Journal of Chemical Ecology, 2013, 39, 620-629.	0.9	28
13	Volatile organic compounds released by <scp>R</scp>umex confertus following <scp>H</scp>ypera rumicis herbivory and weevil responses to volatiles. Journal of Applied Entomology, 2016, 140, 308-316.	0.8	26
14	Gastrophysa polygoni herbivory on Rumex confertus: Single leaf VOC induction and dose dependent herbivore attraction/repellence to individual compounds. Journal of Plant Physiology, 2011, 168, 2134-2138.	1.6	25
15	Effect of phenolic acid content on acceptance of hazel cultivars by filbert aphid. Plant Protection Science, 2019, 55, 116-122.	0.7	25
16	Meligethes aeneus pollen-feeding suppresses, and oviposition induces, Brassica napus volatiles: beetle attraction/repellence to lilac aldehydes and veratrole. Chemoecology, 2013, 23, 241-250.	0.6	24
17	Tribolium confusum responses to blends of cereal kernels and plant volatiles. Journal of Applied Entomology, 2016, 140, 558-563.	0.8	24
18	Effects of mechanical injury and insect feeding on volatiles emitted by wheat plants. Entomologica Fennica, 2010, 21, 117-128.	0.6	24

#	Article	IF	Citations
19	Influence of Fusarium Crown Rot Disease on Semiochemical Production by Wheat Plants. Journal of Phytopathology, 2007, 155, 488-496.	0.5	22
20	Apion miniatum Germ. Herbivory on the Mossy Sorrel, Rumex confertus Willd.: Induced Plant Volatiles and Weevil Orientation Responses. Polish Journal of Environmental Studies, 0, 23, .	0.6	22
21	Fusarium head blight incidence and detection of Fusarium toxins in wheat in relation to agronomic factors. European Journal of Plant Pathology, 2017, 149, 515-531.	0.8	18
22	Sitophilus granarius responses to blends of five groups of cereal kernels and one group of plant volatiles. Journal of Stored Products Research, 2015, 63, 63-66.	1.2	17
23	The influence of potassium to mineral fertilizers on the maize health. Journal of Integrative Agriculture, 2016, 15, 1286-1292.	1.7	11
24	Botrytis cinerea infection in three cultivars of chrysanthemum in â€˜Alchimistâ€™ and its mutants: Volatile induction of pathogen-infected plants. Scientia Horticulturae, 2015, 193, 127-135.	1.7	9
25	Diversity of Species and the Occurrence and Development of a Specialized Pest Populationâ€”A Review Article. Agriculture (Switzerland), 2021, 11, 16.	1.4	8
26	Maize Voc Induction after Infection by the Bacterial Pathogen, Pantoea ananatis, Alters Neighbouring Plant Voc Emissions. Journal of Plant Diseases and Protection, 2015, 122, 125-132.	1.6	7
27	Risk assessment posed by diseases in context of integrated management of wheat. Journal of Plant Diseases and Protection, 2016, 123, 3-18.	1.6	7
28	Beetle Orientation Responses of Gastrophysa viridula and Gastrophysa polygoni (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 2020, 49, 1071-1076.	0.7	7
29	Influence of Fusarium and Wheat Stem Sawfly Infestation on Volatile Compounds Production by Wheat Plants. Journal of Plant Protection Research, 2009, 49, 167-174.	1.0	7
30	Path analysis and estimation of additive and epistatic gene effects of barley SSD lines. Journal of Integrative Agriculture, 2016, 15, 1983-1990.	1.7	6
31	Response of mated insects of both sexes of granary weevil to blends of volatiles - short communication. Plant Protection Science, 2018, 54, 190-193.	0.7	6
32	Sarracenia alata (Alph.Wood) Alph.Wood Microcuttings as a Source of Volatiles Potentially Responsible for Insectsâ€™ Respond. Molecules, 2021, 26, 2406.	1.7	6
33	Do Mated Tribolium confusum Adults Respond to Blends of Odors?. Polish Journal of Environmental Studies, 2017, 26, 447-452.	0.6	6
34	<i>Silene latifolia</i> temporal patterns of volatile induction and suppression after floral interaction by the nursery pollinator, <i>Hadena bicruris</i> (Lepidoptera: Noctuidae). Entomologica Fennica, 2015, 25, 199-219.	0.6	5
35	Evaluation of the breeding value of the spring oilseed rape (Brassica napusL.) inbred lines based on a multi-trait analysis. Indian Journal of Genetics and Plant Breeding, 2016, 76, 284.	0.2	5
36	Repellent activity of plants from the genus Chenopodium to Ostrinia nubilalis larvae. Plant Protection Science, 2018, 54, 265-271.	0.7	4

#	Article	IF	Citations
37	Cereal leaf beetles (Oulemaspp.,Coleoptera:Chrysomelidae) control following various dates of wheat sowing and insecticidal treatments. International Journal of Pest Management, 2018, 64, 157-165.	0.9	3
38	Volatile organic compounds released by wheat as a result of striped shieldbug feeding and insect behaviour. Journal of Applied Entomology, 0, , .	0.8	3
39	Genetic parameters and selection of maize cultivars using Bayesian inference in a multi-trait linear model. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 465-478.	0.3	2
40	Occurrence of Crioceris Spp. of Ten European Asparagus Cultivars Depending on Drip Irrigation. Journal of Fruit and Ornamental Plant Research, 2010, 73, 99-106.	0.4	1
41	Effect of Lugus sp. feeding and a Saponin application on volatiles released by quinoa. Pakistan Journal of Botany, 2020, 52, .	0.2	1
42	Induction of volatile organic compounds in Triticum aestivum (wheat) plants following infection by different Rhizoctonia pathogens is species specific. Phytochemistry, 2022, 198, 113162.	1.4	1
43	Testing of uniformity of seven Lathyrus species using Bennettâ€™s and Millerâ€™s methods. Euphytica, 2016, 208, 123-128.	0.6	0