

Falko Drijfhout

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3932979/publications.pdf>

Version: 2024-02-01

70
papers

2,327
citations

186265

28
h-index

254184

43
g-index

70
all docs

70
docs citations

70
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Cuticular hydrocarbons as a tool for determining the age of <i>Chrysomya rufifacies</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	9
2	Effect of rearing temperature on physiological measures and antioxidant status of broiler chickens fed stevia (<i>Stevia rebaudiana</i> B.) leaf meal and exogenous xylanase. <i>Current Research in Biotechnology</i> , 2021, 3, 173-181.	3.7	5
3	Major Transitions in Cuticular Hydrocarbon Expression Coincide with Sexual Maturity in a Blowfly (Diptera: Calliphoridae). <i>Journal of Chemical Ecology</i> , 2020, 46, 610-618.	1.8	9
4	The evolution of sexually dimorphic cuticular hydrocarbons in blowflies (Diptera: Calliphoridae). <i>Journal of Evolutionary Biology</i> , 2020, 33, 1468-1486.	1.7	11
5	Biological nitrogen fixation in peatlands: Comparison between acetylene reduction assay and ¹⁵ N ₂ assimilation methods. <i>Soil Biology and Biochemistry</i> , 2019, 131, 157-165.	8.8	36
6	Catalytic performance of microporous materials for the production of renewable fuels. <i>Journal of Porous Materials</i> , 2019, 26, 69-76.	2.6	1
7	Host colony integration: <i>Megalomyrmex</i> guest ant parasites maintain peace with their host using weaponry. <i>Animal Behaviour</i> , 2018, 139, 71-79.	1.9	10
8	Is the Salivary Gland Associated with Honey Bee Recognition Compounds in Worker Honey Bees (<i>Apis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	8
9	A characterization of the antimalarial activity of the bark of <i>Cylicodiscus gabunensis</i> Harms. <i>Journal of Ethnopharmacology</i> , 2017, 198, 221-225.	4.1	22
10	Alarm Pheromone Composition and Behavioral Activity in Fungus-Growing Ants. <i>Journal of Chemical Ecology</i> , 2017, 43, 225-235.	1.8	19
11	Isochondodendrine and 2- ² -norcocculine: additional alkaloids from <i>Triclisia subcordata</i> induce cytotoxicity and apoptosis in ovarian cancer cell lines. <i>RSC Advances</i> , 2017, 7, 44154-44161.	3.6	11
12	Dietary geranylgeraniol can limit the activity of pitavastatin as a potential treatment for drug-resistant ovarian cancer. <i>Scientific Reports</i> , 2017, 7, 5410.	3.3	50
13	The potential use of cuticular hydrocarbons and multivariate analysis to age empty puparial cases of <i>Calliphora vicina</i> and <i>Lucilia sericata</i> . <i>Scientific Reports</i> , 2017, 7, 1933.	3.3	24
14	Cytotoxicity Effects and Apoptosis Induction by Bisbenzylisoquinoline Alkaloids from <i>Triclisia subcordata</i> . <i>Phytotherapy Research</i> , 2016, 30, 1533-1539.	5.8	21
15	Species-Specific Cuticular Hydrocarbon Stability within European <i>Myrmica</i> Ants. <i>Journal of Chemical Ecology</i> , 2016, 42, 1052-1062.	1.8	33
16	The Long and the Short of Mate Attraction in a Psyllid: do Semiochemicals Mediate Mating in <i>Acanthocnema dobsoni</i> Froggatt?. <i>Journal of Chemical Ecology</i> , 2016, 42, 163-172.	1.8	10
17	Changes in the chemical profile of cephalic salivary glands of <i>Scaptotrigona postica</i> (Hymenoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	2
18	Chemical Strategies of the Beetle <i>Metoecus Paradoxus</i> , Social Parasite of the Wasp <i>Vespula Vulgaris</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 1137-1147.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Evidence for Passive Chemical Camouflage in the Parasitic Mite <i>Varroa destructor</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 178-186.	1.8	26
20	Evidence for colony-specific differences in chemical mimicry in the parasitic mite <i>Varroa destructor</i> . <i>Chemoecology</i> , 2015, 25, 215-222.	1.1	16
21	The use of a within-hive replication bioassay method to investigate the phagostimulatory effects of pollen, bee bread and pollen extracts, on free-flying honey bee colonies. <i>Apidologie</i> , 2015, 46, 315-325.	2.0	4
22	Chemical deception among ant social parasites. <i>Environmental Epigenetics</i> , 2014, 60, 62-75.	1.8	33
23	Identifying 1st instar larvae for three forensically important blowfly species using "fingerprint" cuticular hydrocarbon analysis. <i>Forensic Science International</i> , 2014, 240, 48-53.	2.2	38
24	Hydrocarbon profiles throughout adult Calliphoridae aging: A promising tool for forensic entomology. <i>Forensic Science International</i> , 2014, 245, 65-71.	2.2	21
25	Separation of <i>Scaptotrigona postica</i> Workers into Defined Task Groups by the Chemical Profile on Their Epicuticle Wax Layer. <i>Journal of Chemical Ecology</i> , 2014, 40, 331-340.	1.8	10
26	Nested monitoring approaches to delineate groundwater trichloroethene discharge to a UK lowland stream at multiple spatial scales. <i>Journal of Contaminant Hydrology</i> , 2014, 158, 38-54.	3.3	31
27	A Male-Predominant Cuticular Hydrocarbon, 7-Methyltricosane, is used as a Contact Pheromone in the Western Flower Thrips <i>Frankliniella occidentalis</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 559-568.	1.8	43
28	Potential Use of Hydrocarbons for Aging <i>Lucilia sericata</i> Blowfly Larvae to Establish the Postmortem Interval. <i>Journal of Forensic Sciences</i> , 2013, 58, 404-412.	1.6	42
29	Sources of Variation in Cuticular Hydrocarbons in the Ant <i>Formica exsecta</i> . <i>Journal of Chemical Ecology</i> , 2013, 39, 1415-1423.	1.8	23
30	Chemical Composition of Metapleural Gland Secretions of Fungus-Growing and Non-fungus-growing Ants. <i>Journal of Chemical Ecology</i> , 2012, 38, 1289-1297.	1.8	25
31	Using chemo-taxonomy of host ants to help conserve the large blue butterfly. <i>Biological Conservation</i> , 2012, 148, 39-43.	4.1	32
32	Weak patriline effects are present in the cuticular hydrocarbon profiles of isolated <i>Formica exsecta</i> ants but they disappear in the colony environment. <i>Ecology and Evolution</i> , 2012, 2, 2333-2346.	1.9	12
33	Effect of time on colony odour stability in the ant <i>Formica exsecta</i> . <i>Die Naturwissenschaften</i> , 2012, 99, 327-331.	1.6	13
34	How the ladybird got its spots: effects of resource limitation on the honesty of aposematic signals. <i>Functional Ecology</i> , 2012, 26, 334-342.	3.6	72
35	Hydrocarbon Signatures of Egg Maternity, Caste Membership and Reproductive Status in the Common Wasp. <i>Journal of Chemical Ecology</i> , 2012, 38, 42-51.	1.8	29
36	Conspecific Ant Aggression is Correlated with Chemical Distance, but not with Genetic or Spatial Distance. <i>Behavior Genetics</i> , 2012, 42, 323-331.	2.1	38

#	ARTICLE	IF	CITATIONS
37	Task Group Differences in Cuticular Lipids in the Honey Bee <i>Apis mellifera</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 205-212.	1.8	72
38	Is parasite pressure a driver of chemical cue diversity in ants?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 496-503.	2.6	55
39	Genetic diversity, colony chemical phenotype, and nest mate recognition in the ant <i>Formica fusca</i> . <i>Behavioral Ecology</i> , 2011, 22, 710-716.	2.2	39
40	Caste-specific cuticular lipids in the stingless bee <i>Friesella schrottkyi</i> . <i>Apidologie</i> , 2010, 41, 579-588.	2.0	12
41	Host Specific Social Parasites (<i>Psithyrus</i>) Indicate Chemical Recognition System in Bumblebees. <i>Journal of Chemical Ecology</i> , 2010, 36, 855-863.	1.8	77
42	A Combination of Fertility Signals and Aggression Regulates Reproduction in the Ant <i>Gnamptogenys striatula</i> . <i>Journal of Insect Behavior</i> , 2010, 23, 236-249.	0.7	6
43	How Reliable is the Analysis of Complex Cuticular Hydrocarbon Profiles by Multivariate Statistical Methods?. <i>Journal of Chemical Ecology</i> , 2009, 35, 375-382.	1.8	56
44	Nestmate and Task Cues are Influenced and Encoded Differently within Ant Cuticular Hydrocarbon Profiles. <i>Journal of Chemical Ecology</i> , 2009, 35, 368-374.	1.8	81
45	A Review of Ant Cuticular Hydrocarbons. <i>Journal of Chemical Ecology</i> , 2009, 35, 1151-1161.	1.8	229
46	Polygyny reduces rather than increases nestmate discrimination cue diversity in <i>Formica exsecta</i> ants. <i>Insectes Sociaux</i> , 2009, 56, 375-383.	1.2	52
47	Long-term stability of hornet cuticular hydrocarbons facilitates chemotaxonomy using museum specimens. <i>Biological Journal of the Linnean Society</i> , 2009, 96, 732-737.	1.6	28
48	Colony-specific Hydrocarbons Identify Nest Mates in Two Species of <i>Formica</i> Ant. <i>Journal of Chemical Ecology</i> , 2008, 34, 1072-1080.	1.8	79
49	Imperfect chemical female mimicry in males of the ant <i>Cardiocondyla obscurior</i> . <i>Die Naturwissenschaften</i> , 2008, 95, 1101-1105.	1.6	9
50	Is the social parasite <i>Vespa dybowskii</i> using chemical transparency to get her eggs accepted?. <i>Journal of Insect Physiology</i> , 2008, 54, 700-707.	2.0	42
51	Egg marking in the facultatively queenless ant <i>Gnamptogenys striatula</i> : The source and mechanism. <i>Journal of Insect Physiology</i> , 2008, 54, 727-736.	2.0	8
52	Chemical basis of nest-mate discrimination in the ant <i>Formica exsecta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1271-1278.	2.6	149
53	The Evolution of Invasiveness in Garden Ants. <i>PLoS ONE</i> , 2008, 3, e3838.	2.5	81
54	Chemical deterrent enables a socially parasitic ant to invade multiple hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2717-2722.	2.6	37

#	ARTICLE	IF	CITATIONS
55	Setosa membrane structure and occurrence of eicosenol in honeybees (<i>Apis mellifera</i>). <i>Apidologie</i> , 2007, 38, 104-109.	2.0	3
56	Higher removal rate of eggs laid by anarchistic queens—a cost of anarchy?. <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1847-1853.	1.4	1
57	Specificity in Chemical Profiles of Workers, Brood and Mutualistic Fungi in <i>Atta</i> , <i>Acromyrmex</i> , and <i>Sericomyrmex</i> Fungus-growing Ants. <i>Journal of Chemical Ecology</i> , 2007, 33, 2281-2292.	1.8	36
58	Cuticular Hydrocarbons Provide Reliable Cues of Fertility in the Ant <i>Gnamptogenys striatula</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 2023-2034.	1.8	42
59	Role of esters in egg removal behaviour in honeybee (<i>Apis mellifera</i>) colonies. <i>Behavioral Ecology and Sociobiology</i> , 2005, 59, 24-29.	1.4	6
60	Components of Honeybee Royal Jelly as Deterrents of the Parasitic <i>Varroa</i> Mite, <i>Varroa destructor</i> . <i>Journal of Chemical Ecology</i> , 2005, 31, 1747-1764.	1.8	20
61	Chemical basis for inter-colonial aggression in the stingless bee <i>Scaptotrigona bipunctata</i> (Hymenoptera: Apidae). <i>Journal of Insect Physiology</i> , 2004, 50, 761-766.	2.0	30
62	Mate location in the green capsid bug, <i>Lygocoris pabulinus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2003, 106, 73-77.	1.4	10
63	Coupled gas chromatographic-electroantennographic responses of <i>Lygocoris pabulinus</i> (L.) to female and male produced volatiles. <i>Chemoecology</i> , 2002, 12, 113-118.	1.1	24
64	Disruption of sexual communication in the mirid bug <i>Lygocoris pabulinus</i> by hexyl butanoate. <i>Agricultural and Forest Entomology</i> , 2001, 3, 49-55.	1.3	22
65	Close-range attraction in <i>Lygocoris pabulinus</i> (L.)., 2001, 27, 1133-1149.		24
66	On-line Thermal Desorption—Gas Chromatography of Intact Insects for Pheromone Analysis. <i>Journal of Chemical Ecology</i> , 2000, 26, 1383-1392.	1.8	8
67	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 1013-1023.	1.8	5
68	Sex-Related Perception of Insect and Plant Volatiles in <i>Lygocoris pabulinus</i> . <i>Journal of Chemical Ecology</i> , 1999, 25, 2357-2371.	1.8	37
69	Enantioselective hydroxylation of 4-alkylphenols by vanillyl alcohol oxidase., 1998, 59, 171-177.		34
70	Evolution of species-specific cuticular hydrocarbon patterns in <i>Formica</i> ants. <i>Biological Journal of the Linnean Society</i> , 0, 95, 131-140.	1.6	119