# Falko Drijfhout

## List of Publications by Year in descending order

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

Version: 2024-02-01

| | | 186265 | 254184 |
|---|---|---|---|
| 70 | 2,327 | 28 | 43 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 70 | 70 | 70 | 1929 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Review of Ant Cuticular Hydrocarbons. Journal of Chemical Ecology, 2009, 35, 1151-1161. | 1.8 | 229 |
| 2 | Chemical basis of nest-mate discrimination in the ant Formica exsecta. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1271-1278. | 2.6 | 149 |
| 3 | Evolution of species-specific cuticular hydrocarbon patterns in Formica ants. Biological Journal of the Linnean Society, 0, 95, 131-140. | 1.6 | 119 |
| 4 | The Evolution of Invasiveness in Garden Ants. PLoS ONE, 2008, 3, e3838. | 2.5 | 81 |
| 5 | Nestmate and Task Cues are Influenced and Encoded Differently within Ant Cuticular Hydrocarbon Profiles. Journal of Chemical Ecology, 2009, 35, 368-374. | 1.8 | 81 |
| 6 | Colony-specific Hydrocarbons Identify Nest Mates in Two Species of Formica Ant. Journal of Chemical Ecology, 2008, 34, 1072-1080. | 1.8 | 79 |
| 7 | Host Specific Social Parasites (Psithyrus) Indicate Chemical Recognition System in Bumblebees. Journal of Chemical Ecology, 2010, 36, 855-863. | 1.8 | 77 |
| 8 | Task Group Differences in Cuticular Lipids in the Honey Bee Apis mellifera. Journal of Chemical Ecology, 2011, 37, 205-212. | 1.8 | 72 |
| 9 | How the ladybird got its spots: effects of resource limitation on the honesty of aposematic signals. Functional Ecology, 2012, 26, 334-342. | 3.6 | 72 |
| 10 | How Reliable is the Analysis of Complex Cuticular Hydrocarbon Profiles by Multivariate Statistical Methods?. Journal of Chemical Ecology, 2009, 35, 375-382. | 1.8 | 56 |
| 11 | Is parasite pressure a driver of chemical cue diversity in ants?. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 496-503. | 2.6 | 55 |
| 12 | Polygyny reduces rather than increases nestmate discrimination cue diversity in Formica exsecta ants. Insectes Sociaux, 2009, 56, 375-383. | 1.2 | 52 |
| 13 | Dietary geranylgeraniol can limit the activity of pitavastatin as a potential treatment for drug-resistant ovarian cancer. Scientific Reports, 2017, 7, 5410. | 3.3 | 50 |
| 14 | A Male-Predominant Cuticular Hydrocarbon, 7-Methyltricosane, is used as a Contact Pheromone in the Western Flower Thrips Frankliniella occidentalis. Journal of Chemical Ecology, 2013, 39, 559-568. | 1.8 | 43 |
| 15 | Cuticular Hydrocarbons Provide Reliable Cues of Fertility in the Ant Gnamptogenys striatula. Journal of Chemical Ecology, 2006, 32, 2023-2034. | 1.8 | 42 |
| 16 | Is the social parasite Vespa dybowskii using chemical transparency to get her eggs accepted?. Journal of Insect Physiology, 2008, 54, 700-707. | 2.0 | 42 |
| 17 | Potential Use of Hydrocarbons for Aging <scp>L</scp>ucilia sericata Blowfly Larvae to Establish the Postmortem Interval. Journal of Forensic Sciences, 2013, 58, 404-412. | 1.6 | 42 |
| 18 | Genetic diversity, colony chemical phenotype, and nest mate recognition in the ant Formica fusca. Behavioral Ecology, 2011, 22, 710-716. | 2.2 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Conspecific Ant Aggression is Correlated with Chemical Distance, but not with Genetic or Spatial Distance. Behavior Genetics, 2012, 42, 323-331. | 2.1 | 38 |
| 20 | Identifying 1st instar larvae for three forensically important blowfly species using â€œfingerprintâ€• cuticular hydrocarbon analysis. Forensic Science International, 2014, 240, 48-53. | 2.2 | 38 |
| 21 | Sex-Related Perception of Insect and Plant Volatiles in Lygocoris pabulinus. Journal of Chemical Ecology, 1999, 25, 2357-2371. | 1.8 | 37 |
| 22 | Chemical deterrent enables a socially parasitic ant to invade multiple hosts. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2717-2722. | 2.6 | 37 |
| 23 | Specificity in Chemical Profiles of Workers, Brood and Mutualistic Fungi in Atta, Acromyrmex, and Sericomyrmex Fungus-growing Ants. Journal of Chemical Ecology, 2007, 33, 2281-2292. | 1.8 | 36 |
| 24 | Biological nitrogen fixation in peatlands: Comparison between acetylene reduction assay and 15N2 assimilation methods. Soil Biology and Biochemistry, 2019, 131, 157-165. | 8.8 | 36 |
| 25 | Enantioselective hydroxylation of 4-alkylphenols by vanillyl alcohol oxidase. , 1998, 59, 171-177. | | 34 |
| 26 | Chemical deception among ant social parasites. Environmental Epigenetics, 2014, 60, 62-75. | 1.8 | 33 |
| 27 | Species-Specific Cuticular Hydrocarbon Stability within European Myrmica Ants. Journal of Chemical Ecology, 2016, 42, 1052-1062. | 1.8 | 33 |
| 28 | Using chemo-taxonomy of host ants to help conserve the large blue butterfly. Biological Conservation, 2012, 148, 39-43. | 4.1 | 32 |
| 29 | Nested monitoring approaches to delineate groundwater trichloroethene discharge to a UK lowland stream at multiple spatial scales. Journal of Contaminant Hydrology, 2014, 158, 38-54. | 3.3 | 31 |
| 30 | Chemical basis for inter-colonial aggression in the stingless bee Scaptotrigona bipunctata (Hymenoptera: Apidae). Journal of Insect Physiology, 2004, 50, 761-766. | 2.0 | 30 |
| 31 | Hydrocarbon Signatures of Egg Maternity, Caste Membership and Reproductive Status in the Common Wasp. Journal of Chemical Ecology, 2012, 38, 42-51. | 1.8 | 29 |
| 32 | Long-term stability of hornet cuticular hydrocarbons facilitates chemotaxonomy using museum specimens. Biological Journal of the Linnean Society, 2009, 96, 732-737. | 1.6 | 28 |
| 33 | Evidence for Passive Chemical Camouflage in the Parasitic Mite Varroa destructor. Journal of Chemical Ecology, 2015, 41, 178-186. | 1.8 | 26 |
| 34 | Chemical Composition of Metapleural Gland Secretions of Fungus-Growing and Non-fungus-growing Ants. Journal of Chemical Ecology, 2012, 38, 1289-1297. | 1.8 | 25 |
| 35 | Close-range attraction in Lygocoris pabulinus (L.). , 2001, 27, 1133-1149. | | 24 |
| 36 | Coupled gas chromatographic-electroantennographic responses of Lygocoris pabulinus (L.) to female and male produced volatiles. Chemoecology, 2002, 12, 113-118. | 1.1 | 24 |

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|---|---|---|---|
| 37 | The potential use of cuticular hydrocarbons and multivariate analysis to age empty puparial cases of Calliphora vicina and Lucilia sericata. Scientific Reports, 2017, 7, 1933. | 3.3 | 24 |
| 38 | Sources of Variation in Cuticular Hydrocarbons in the Ant Formica exsecta. Journal of Chemical Ecology, 2013, 39, 1415-1423. | 1.8 | 23 |
| 39 | Disruption of sexual communication in the mirid bug Lygocoris pabulinus by hexyl butanoate. Agricultural and Forest Entomology, 2001, 3, 49-55. | 1.3 | 22 |
| 40 | A characterization of the antimalarial activity of the bark of Cylicodiscus gabunensis Harms. Journal of Ethnopharmacology, 2017, 198, 221-225. | 4.1 | 22 |
| 41 | Hydrocarbon profiles throughout adult Calliphoridae aging: A promising tool for forensic entomology. Forensic Science International, 2014, 245, 65-71. | 2.2 | 21 |
| 42 | Cytotoxicity Effects and Apoptosis Induction by Bisbenzylisoquinoline Alkaloids fromTriclisia subcordata. Phytotherapy Research, 2016, 30, 1533-1539. | 5.8 | 21 |
| 43 | Components of Honeybee Royal Jelly as Deterrents of the Parasitic Varroa Mite, Varroa destructor. Journal of Chemical Ecology, 2005, 31, 1747-1764. | 1.8 | 20 |
| 44 | Alarm Pheromone Composition and Behavioral Activity in Fungus-Growing Ants. Journal of Chemical Ecology, 2017, 43, 225-235. | 1.8 | 19 |
| 45 | Evidence for colony-specific differences in chemical mimicry in the parasitic mite Varroa destructor. Chemoecology, 2015, 25, 215-222. | 1.1 | 16 |
| 46 | Effect of time on colony odour stability in the ant Formica exsecta. Die Naturwissenschaften, 2012, 99, 327-331. | 1.6 | 13 |
| 47 | Caste-specific cuticular lipids in the stingless beeFriesella schrottkyi. Apidologie, 2010, 41, 579-588. | 2.0 | 12 |
| 48 | Weak patriline effects are present in the cuticular hydrocarbon profiles of isolated <scp>F</scp>ormica exsecta ants but they disappear in the colony environment. Ecology and Evolution, 2012, 2, 2333-2346. | 1.9 | 12 |
| 49 | Isochondodendrine and 2â€²-norcocsuline: additional alkaloids from Triclisia subcordata induce cytotoxicity and apoptosis in ovarian cancer cell lines. RSC Advances, 2017, 7, 44154-44161. | 3.6 | 11 |
| 50 | The evolution of sexually dimorphic cuticular hydrocarbons in blowflies (Diptera: Calliphoridae). Journal of Evolutionary Biology, 2020, 33, 1468-1486. | 1.7 | 11 |
| 51 | Mate location in the green capsid bug, Lygocoris pabulinus. Entomologia Experimentalis Et Applicata, 2003, 106, 73-77. | 1.4 | 10 |
| 52 | Separation of Scaptotrigona postica Workers into Defined Task Groups by the Chemical Profile on Their Epicuticle Wax Layer. Journal of Chemical Ecology, 2014, 40, 331-340. | 1.8 | 10 |
| 53 | The Long and the Short of Mate Attraction in a Psylloid: do Semiochemicals Mediate Mating in Aacanthocnema dobsoni Froggatt?. Journal of Chemical Ecology, 2016, 42, 163-172. | 1.8 | 10 |
| 54 | Host colony integration: Megalomyrmex guest ant parasites maintain peace with their host using weaponry. Animal Behaviour, 2018, 139, 71-79. | 1.9 | 10 |

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|---|---|---|---|
| 55 | Imperfect chemical female mimicry in males of the ant Cardiocondyla obscurior. Die Naturwissenschaften, 2008, 95, 1101-1105. | 1.6 | 9 |
| 56 | Major Transitions in Cuticular Hydrocarbon Expression Coincide with Sexual Maturity in a Blowfly (Diptera: Calliphoridae). Journal of Chemical Ecology, 2020, 46, 610-618. | 1.8 | 9 |
| 57 | Cuticular hydrocarbons as a tool for determining the age of Chrysomya rufifacies (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.6 | 9 |
| 58 | On-line Thermal Desorptionâ€“Gas Chromatography of Intact Insects for Pheromone Analysis. Journal of Chemical Ecology, 2000, 26, 1383-1392. | 1.8 | 8 |
| 59 | Egg marking in the facultatively queenless ant Gnamptogenys striatula: The source and mechanism. Journal of Insect Physiology, 2008, 54, 727-736. | 2.0 | 8 |
| 60 | Is the Salivary Gland Associated with Honey Bee Recognition Compounds in Worker Honey Bees (Apis) Tj ETQq0 0 0 rgBT /Overlock 10 T | 1.8 | 8 |
| 61 | Role of esters in egg removal behaviour in honeybee (Apis mellifera) colonies. Behavioral Ecology and Sociobiology, 2005, 59, 24-29. | 1.4 | 6 |
| 62 | A Combination of Fertility Signals and Aggression Regulates Reproduction in the Ant Gnamptogenys striatula. Journal of Insect Behavior, 2010, 23, 236-249. | 0.7 | 6 |
| 63 | Title is missing!. Journal of Chemical Ecology, 2000, 26, 1013-1023. | 1.8 | 5 |
| 64 | Chemical Strategies of the Beetle Metoecus Paradoxus, Social Parasite of the Wasp Vespula Vulgaris. Journal of Chemical Ecology, 2015, 41, 1137-1147. | 1.8 | 5 |
| 65 | Effect of rearing temperature on physiological measures and antioxidant status of broiler chickens fed stevia (Stevia rebaudiana B.) leaf meal and exogenous xylanase. Current Research in Biotechnology, 2021, 3, 173-181. | 3.7 | 5 |
| 66 | 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. Apidologie, 2015, 46, 315-325. | 2.0 | 4 |
| 67 | Setosa membrane structure and occurrence of eicosenol in honeybees (Apissp.). Apidologie, 2007, 38, 104-109. | 2.0 | 3 |
| 68 | Changes in the chemical profile of cephalic salivary glands of Scaptotrigona postica (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.7 | 2 |
| 69 | Higher removal rate of eggs laid by anarchistic queensâ€”a cost of anarchy?. Behavioral Ecology and Sociobiology, 2007, 61, 1847-1853. | 1.4 | 1 |
| 70 | Catalytic performance of microporous materials for the production of renewable fuels. Journal of Porous Materials, 2019, 26, 69-76. | 2.6 | 1 |