James G C Hamilton

List of Publications by Year
in descending order

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29 papers	588 citations	840776 11 h-index	642732 23 g-index
40 all docs	40 docs citations	40 times ranked	523 citing authors

#	Article	IF	Citations
1	Identification of a Male-produced Aggregation Pheromone in the Western Flower Thrips Frankliniella occidentalis. Journal of Chemical Ecology, 2005, 31, 1369-1379.	1.8	108
2	Molecular and Behavioral Differentiation among Brazilian Populations of Lutzomyia longipalpis (Diptera: Psychodidae: Phlebotominae). PLoS Neglected Tropical Diseases, 2009, 3, e365.	3.0	70
3	Distribution of Lutzomyia longipalpis Chemotype Populations in SÃ£o Paulo State, Brazil. PLoS Neglected Tropical Diseases, 2015, 9, e0003620.	3.0	54
4	The Lutzomyia longipalpis complex: a brief natural history of aggregation-sex pheromone communication. Parasites and Vectors, 2016, 9, 580.	2.5	40
5	Evidence for a Male-Produced Sex Pheromone in the Western Flower Thrips Frankliniella occidentalis. Journal of Chemical Ecology, 2004, 30, 167-174.	1.8	38
6	Identification of the Aggregation Pheromone of the Melon Thrips, Thrips palmi. PLoS ONE, 2014, 9, e103315.	2.5	38
7	Synthetic Sex Pheromone in a Long-Lasting Lure Attracts the Visceral Leishmaniasis Vector, Lutzomyia longipalpis, for up to 12 Weeks in Brazil. PLoS Neglected Tropical Diseases, 2014, 8, e2723.	3.0	36
8	Sand fly synthetic sex-aggregation pheromone co-located with insecticide reduces the incidence of infection in the canine reservoir of visceral leishmaniasis: A stratified cluster randomised trial. PLoS Neglected Tropical Diseases, 2019, 13, e0007767.	3.0	24
9	Characterization of Male-Produced Aggregation Pheromone of the Bean Flower Thrips Megalurothrips sjostedti (Thysanoptera: Thripidae). Journal of Chemical Ecology, 2019, 45, 348-355.	1.8	21
10	Sobralene, a new sex-aggregation pheromone and likely shunt metabolite of the taxadiene synthase cascade, produced by a member of the sand fly Lutzomyia longipalpis species complex. Tetrahedron Letters, 2018, 59, 1921-1923.	1.4	17
11	Attraction of Lutzomyia longipalpis to synthetic sex-aggregation pheromone: Effect of release rate and proximity of adjacent pheromone sources. PLoS Neglected Tropical Diseases, 2018, 12, e0007007.	3.0	15
12	Insecticide-impregnated netting as a potential tool for long-lasting control of the leishmaniasis vector Lutzomyia longipalpis in animal shelters. Parasites and Vectors, 2013, 6, 133.	2.5	12
13	Susceptibility of wild-caught Lutzomyia longipalpis (Diptera: Psychodidae) sand flies to insecticide after an extended period of exposure in western SÃ£o Paulo, Brazil. Parasites and Vectors, 2019, 12, 110.	2.5	12
14	Isolation in Natural Host Cell Lines of Wolbachia Strains wPip from the Mosquito Culex pipiens and wPap from the Sand Fly Phlebotomus papatasi. Insects, 2021, 12, 871.	2.2	11
15	Should reproductively isolated populations of Lutzomyia longipalpis sensu lato receive taxonomically valid names?. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 1197-1200.	1.6	10
16	Odour of domestic dogs infected with Leishmania infantum is attractive to female but not male sand flies: Evidence for parasite manipulation. PLoS Pathogens, 2021, 17, e1009354.	4.7	10
17	A temporal comparison of sex-aggregation pheromone gland content and dynamics of release in three members of theÂLutzomyia longipalpisÂ(Diptera: Psychodidae) species complex. PLoS Neglected Tropical Diseases, 2017, 11, e0006071.	3.0	9
18	eNose analysis of volatile chemicals from dogs naturally infected with Leishmania infantum in Brazil. PLoS Neglected Tropical Diseases, 2019, 13, e0007599.	3.0	9

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19	Synthetic sex-aggregation pheromone of Lutzomyia longipalpis, the South American sand fly vector of Leishmania infantum, attracts males and females over long-distance. PLoS Neglected Tropical Diseases, 2020, 14, e0008798.	3.0	9
20	Reduced translucency and the addition of black patterns increase the catch of the greenhouse whitefly, Trialeurodes vaporariorum, on yellow sticky traps. PLoS ONE, 2018, 13, e0193064.	2.5	8
21	Enhanced attraction of sand fly vectors of Leishmania infantum to dogs infected with zoonotic visceral leishmaniasis. PLoS Neglected Tropical Diseases, 2021, 15, e0009647.	3.0	7
22	Community deployment of a synthetic pheromone of the sand fly Lutzomyia longipalpis co-located with insecticide reduces vector abundance in treated and neighbouring untreated houses: Implications for control of Leishmania infantum. PLoS Neglected Tropical Diseases, 2021, 15, e0009080.	3.0	6
23	Multi-modal Analysis of Courtship Behaviour in the Old World Leishmaniasis Vector Phlebotomus argentipes. PLoS Neglected Tropical Diseases, 2014, 8, e3316.	3.0	5
24	Acid-Catalysed Rearrangement of the Sandfly Pheromone Sobralene to Verticillenes, Consolidating its Relationship inter alia to the Taxanes and Phomactins. Synlett, 2019, 30, 1899-1903.	1.8	4
25	Modelling Sand Fly Lutzomyia longipalpis Attraction to Host Odour: Synthetic Sex-Aggregation Pheromone Dominates the Response. Microorganisms, 2021, 9, 602.	3.6	4
26	Significant reduction in abundance of peridomestic mosquitoes (Culicidae) and Culicoides midges (Ceratopogonidae) after chemical intervention in western SÃ£o Paulo, Brazil. Parasites and Vectors, 2020, 13, 549.	2.5	3
27	Characterization of copulatory courtship song in the Old World sand fly species Phlebotomus argentipes. Scientific Reports, 2020, 10, 5116.	3.3	3
28	Insecticide-impregnated netting: A surface treatment for killing Lutzomyia longipalpis (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Diseases, 2021, 1, 100044.	1.9	0
29	Examination of the interior of sand fly (Diptera: Psychodidae) abdomen reveals novel cuticular structures involved in pheromone release: Discovering the manifold. PLoS Neglected Tropical Diseases, 2021, 15, e0009733.	3.0	0