

# 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	Insecticide-impregnated netting: A surface treatment for killing <i>Lutzomyia longipalpis</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Diseases, 2021, 1, 100044.	1.9	0
2	Community deployment of a synthetic pheromone of the sand fly <i>Lutzomyia longipalpis</i> co-located with insecticide reduces vector abundance in treated and neighbouring untreated houses: Implications for control of <i>Leishmania infantum</i> . PLoS Neglected Tropical Diseases, 2021, 15, e0009080.	3.0	6
3	Modelling Sand Fly <i>Lutzomyia longipalpis</i> Attraction to Host Odour: Synthetic Sex-Aggregation Pheromone Dominates the Response. Microorganisms, 2021, 9, 602.	3.6	4
4	Odour of domestic dogs infected with <i>Leishmania infantum</i> is attractive to female but not male sand flies: Evidence for parasite manipulation. PLoS Pathogens, 2021, 17, e1009354.	4.7	10
5	Enhanced attraction of sand fly vectors of <i>Leishmania infantum</i> to dogs infected with zoonotic visceral leishmaniasis. PLoS Neglected Tropical Diseases, 2021, 15, e0009647.	3.0	7
6	Isolation in Natural Host Cell Lines of Wolbachia Strains wPip from the Mosquito <i>Culex pipiens</i> and wPap from the Sand Fly <i>Phlebotomus papatasi</i> . Insects, 2021, 12, 871.	2.2	11
7	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
8	Significant reduction in abundance of peridomestic mosquitoes (Culicidae) and Culicoides midges (Ceratopogonidae) after chemical intervention in western São Paulo, Brazil. Parasites and Vectors, 2020, 13, 549.	2.5	3
9	Characterization of copulatory courtship song in the Old World sand fly species <i>Phlebotomus argentipes</i> . Scientific Reports, 2020, 10, 5116.	3.3	3
10	Synthetic sex-aggregation pheromone of <i>Lutzomyia longipalpis</i> , the South American sand fly vector of <i>Leishmania infantum</i> , attracts males and females over long-distance. PLoS Neglected Tropical Diseases, 2020, 14, e0008798.	3.0	9
11	eNose analysis of volatile chemicals from dogs naturally infected with <i>Leishmania infantum</i> in Brazil. PLoS Neglected Tropical Diseases, 2019, 13, e0007599.	3.0	9
12	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
13	Susceptibility of wild-caught <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae) sand flies to insecticide after an extended period of exposure in western São Paulo, Brazil. Parasites and Vectors, 2019, 12, 110.	2.5	12
14	Characterization of Male-Produced Aggregation Pheromone of the Bean Flower Thrips <i>Megalurothrips sjostedti</i> (Thysanoptera: Thripidae). Journal of Chemical Ecology, 2019, 45, 348-355.	1.8	21
15	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
16	Sobralene, a new sex-aggregation pheromone and likely shunt metabolite of the taxadiene synthase cascade, produced by a member of the sand fly <i>Lutzomyia longipalpis</i> species complex. Tetrahedron Letters, 2018, 59, 1921-1923.	1.4	17
17	Attraction of <i>Lutzomyia longipalpis</i> 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
18	Reduced translucency and the addition of black patterns increase the catch of the greenhouse whitefly, <i>Trialeurodes vaporariorum</i> , on yellow sticky traps. PLoS ONE, 2018, 13, e0193064.	2.5	8

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19	A temporal comparison of sex-aggregation pheromone gland content and dynamics of release in three members of the <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae) species complex. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006071.	3.0	9
20	The <i>Lutzomyia longipalpis</i> complex: a brief natural history of aggregation-sex pheromone communication. <i>Parasites and Vectors</i> , 2016, 9, 580.	2.5	40
21	Distribution of <i>Lutzomyia longipalpis</i> Chemotype Populations in São Paulo State, Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003620.	3.0	54
22	Identification of the Aggregation Pheromone of the Melon Thrips, <i>Thrips palmi</i> . <i>PLoS ONE</i> , 2014, 9, e103315.	2.5	38
23	Multi-modal Analysis of Courtship Behaviour in the Old World Leishmaniasis Vector <i>Phlebotomus argentipes</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3316.	3.0	5
24	Synthetic Sex Pheromone in a Long-Lasting Lure Attracts the Visceral Leishmaniasis Vector, <i>Lutzomyia longipalpis</i> , for up to 12 Weeks in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2723.	3.0	36
25	Insecticide-impregnated netting as a potential tool for long-lasting control of the leishmaniasis vector <i>Lutzomyia longipalpis</i> in animal shelters. <i>Parasites and Vectors</i> , 2013, 6, 133.	2.5	12
26	Should reproductively isolated populations of <i>Lutzomyia longipalpis</i> sensu lato receive taxonomically valid names?. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1197-1200.	1.6	10
27	Molecular and Behavioral Differentiation among Brazilian Populations of <i>Lutzomyia longipalpis</i> (Diptera: Psychodidae: Phlebotominae). <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e365.	3.0	70
28	Identification of a Male-produced Aggregation Pheromone in the Western Flower Thrips <i>Frankliniella occidentalis</i> . <i>Journal of Chemical Ecology</i> , 2005, 31, 1369-1379.	1.8	108
29	Evidence for a Male-Produced Sex Pheromone in the Western Flower Thrips <i>Frankliniella occidentalis</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 167-174.	1.8	38