

Marcus C Stensmyr

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

5,742
citations

147726

31
h-index

168321

53
g-index

63
all docs

63
docs citations

63
times ranked

4825
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Impacts on Insect Chemical Communication in the Anthropocene. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	7
2	Neuroscience: Flies and grits. <i>Current Biology</i> , 2021, 31, R442-R443.	1.8	0
3	The irritant receptor TRPA1 mediates the mosquito repellent effect of catnip. <i>Current Biology</i> , 2021, 31, 1988-1994.e5.	1.8	33
4	Influence of Olfaction in Host-Selection Behavior of the Cassava Whitefly <i>Bemisia tabaci</i> . <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	1
5	Recurrent Collection of <i>Drosophila melanogaster</i> from Wild African Environments and Genomic Insights into Species History. <i>Molecular Biology and Evolution</i> , 2020, 37, 627-638.	3.5	56
6	Geosmin Attracts <i>Aedes aegypti</i> Mosquitoes to Oviposition Sites. <i>Current Biology</i> , 2020, 30, 127-134.e5.	1.8	65
7	Neuroscience: The Secret of Sauce B�arnaise Syndrome Is in the Circuit. <i>Current Biology</i> , 2020, 30, R1413-R1415.	1.8	3
8	Mosquito Biology: How a Quest for Water Spawned a Thirst for Blood. <i>Current Biology</i> , 2020, 30, R1046-R1049.	1.8	0
9	<i>Aedes aegypti</i> Mosquitoes Detect Acidic Volatiles Found in Human Odor Using the IR8a Pathway. <i>Current Biology</i> , 2019, 29, 1253-1262.e7.	1.8	135
10	Insect Olfaction: Once Swatted, Twice Shy. <i>Current Biology</i> , 2018, 28, R103-R105.	1.8	2
11	Wild African <i>Drosophila melanogaster</i> Are Seasonal Specialists on Marula Fruit. <i>Current Biology</i> , 2018, 28, 3960-3968.e3.	1.8	89
12	Olfactory language and abstraction across cultures. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170139.	1.8	50
13	Sensory Evolution: Trouble in the Cherry Orchard. <i>Current Biology</i> , 2017, 27, R218-R220.	1.8	2
14	A mammalian blood odor component serves as an approach-avoidance cue across phylum border - from flies to humans. <i>Scientific Reports</i> , 2017, 7, 13635.	1.6	20
15	Early Integration of Temperature and Humidity Stimuli in the <i>Drosophila</i> Brain. <i>Current Biology</i> , 2017, 27, 2381-2388.e4.	1.8	102
16	Evolutionary Genetics: Smells like a Pseudo-pseudogene. <i>Current Biology</i> , 2016, 26, R1294-R1296.	1.8	4
17	The draft genome of whitefly <i>Bemisia tabaci</i> MEAM1, a global crop pest, provides novel insights into virus transmission, host adaptation, and insecticide resistance. <i>BMC Biology</i> , 2016, 14, 110.	1.7	265
18	Humidity Sensing in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 1352-1358.	1.8	229

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19	Fecal-Derived Phenol Induces Egg-Laying Aversion in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 2762-2769.	1.8	68
20	<i>Drosophila</i> Avoids Parasitoids by Sensing Their Semiochemicals via a Dedicated Olfactory Circuit. <i>PLoS Biology</i> , 2015, 13, e1002318.	2.6	145
21	The chemical ecology of the fly. <i>Current Opinion in Neurobiology</i> , 2015, 34, 95-102.	2.0	84
22	Olfactory Proxy Detection of Dietary Antioxidants in <i>Drosophila</i> . <i>Current Biology</i> , 2015, 25, 455-466.	1.8	104
23	Dopamine drives <i>Drosophila sechellia</i> adaptation to its toxic host. <i>ELife</i> , 2014, 3, .	2.8	45
24	Evolution of insect olfactory receptors. <i>ELife</i> , 2014, 3, e02115.	2.8	249
25	Superfly. <i>Current Biology</i> , 2013, 23, R298-R300.	1.8	0
26	Olfactory Evolution: Mice Rethink Stink. <i>Current Biology</i> , 2013, 23, R59-R61.	1.8	3
27	Olfactory Preference for Egg Laying on Citrus Substrates in <i>Drosophila</i> . <i>Current Biology</i> , 2013, 23, 2472-2480.	1.8	234
28	Host plant-driven sensory specialization in <i>Drosophila erecta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130626.	1.2	105
29	The hermit crab's nose—antennal transcriptomics. <i>Frontiers in Neuroscience</i> , 2013, 7, 266.	1.4	26
30	Divergence in Olfactory Host Plant Preference in <i>D. mojavensis</i> in Response to Cactus Host Use. <i>PLoS ONE</i> , 2013, 8, e70027.	1.1	42
31	A Conserved Dedicated Olfactory Circuit for Detecting Harmful Microbes in <i>Drosophila</i> . <i>Cell</i> , 2012, 151, 1345-1357.	13.5	533
32	Pheromones: Fish Fear Factor. <i>Current Biology</i> , 2012, 22, R183-R186.	1.8	18
33	Giant Robber Crabs Monitored from Space: GPS-Based Telemetric Studies on Christmas Island (Indian) Tj ETQq1 1 0,784314 rgBT /Overl 1.1 20	1.1	20
34	A natural polymorphism alters odour and DEET sensitivity in an insect odorant receptor. <i>Nature</i> , 2011, 478, 511-514.	13.7	164
35	A Genome Befitting a Monarch. <i>Cell</i> , 2011, 147, 970-972.	13.5	1
36	Evolution of Insect Olfaction. <i>Neuron</i> , 2011, 72, 698-711.	3.8	630

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37	Pollination by brood-site deception. <i>Phytochemistry</i> , 2011, 72, 1655-1666.	1.4	117
38	Myrmecomorphomania. <i>Current Biology</i> , 2011, 21, R291-R293.	1.8	5
39	Towards plant-odor-related olfactory neuroethology in <i>Drosophila</i> . <i>Chemoecology</i> , 2010, 20, 51-61.	0.6	28
40	A Deceptive Pollination System Targeting <i>Drosophilids</i> through Olfactory Mimicry of Yeast. <i>Current Biology</i> , 2010, 20, 1846-1852.	1.8	165
41	Pollination strategies in Cretan Arum lilies. <i>Biological Journal of the Linnean Society</i> , 2010, 101, 991-1001.	0.7	21
42	Molecular phylogeny of the genus <i>Arum</i> (Araceae) inferred from multi-locus sequence data and AFLPs. <i>Taxon</i> , 2010, 59, 405-415.	0.4	16
43	A Silicon Olfactome. <i>Chemical Senses</i> , 2010, 35, 541-543.	1.1	0
44	The Neural and Behavioral Basis of Chemical Communication in Terrestrial Crustaceans. , 2010, , 149-173.		6
45	A comparison of reptilian and avian olfactory receptor gene repertoires: Species-specific expansion of group I ³ genes in birds. <i>BMC Genomics</i> , 2009, 10, 446.	1.2	60
46	<i>Drosophila sechellia</i> as a Model in Chemosensory Neuroecology. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 468-475.	1.8	25
47	dOr83b Receptor or Ion Channel?. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 164-167.	1.8	14
48	<i>Drosophila</i> odorant receptors are both ligand-gated and cyclic-nucleotide-activated cation channels. <i>Nature</i> , 2008, 452, 1007-1011.	13.7	781
49	The Cayman Crab Fly Revisited – Phylogeny and Biology of <i>Drosophila endobranchia</i> . <i>PLoS ONE</i> , 2008, 3, e1942.	1.1	9
50	Flies' lives on a crab. <i>Current Biology</i> , 2007, 17, R743-R746.	1.8	5
51	Olfactory Shifts Parallel Superspecialism for Toxic Fruit in <i>Drosophila melanogaster</i> Sibling, <i>D. sechellia</i> . <i>Current Biology</i> , 2006, 16, 101-109.	1.8	236
52	Insect-Like Olfactory Adaptations in the Terrestrial Giant Robber Crab. <i>Current Biology</i> , 2005, 15, 116-121.	1.8	96
53	Wake Up and Smell the Pheromones. <i>Neuron</i> , 2005, 45, 179-181.	3.8	18
54	Attractiveness of fruit and flower odorants detected by olfactory receptor neurons in the fruit chafer <i>Pachnoda marginata</i> . <i>Journal of Chemical Ecology</i> , 2003, 29, 1253-1268.	0.9	31

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55	Evolution of the olfactory code in the <i>Drosophila melanogaster</i> subgroup. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2333-2340.	1.2	109
56	Novel natural ligands for <i>Drosophila</i> olfactory receptor neurones. <i>Journal of Experimental Biology</i> , 2003, 206, 715-724.	0.8	161
57	Rotting smell of dead-horse arum florets. <i>Nature</i> , 2002, 420, 625-626.	13.7	206
58	Detection of fruit- and flower-emitted volatiles by olfactory receptor neurons in the polyphagous fruit chafer <i>Pachnoda marginata</i> (Coleoptera: Cetoniinae). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 509-519.	0.7	56