

Pingxi Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

582
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Mosquito odorant receptor sensitive to natural spatial repellents and inhibitory compounds. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 144, 103763.	2.7	5
2	Odorant inhibition in mosquito olfaction mediated by inverse agonists. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 156-162.	2.1	2
3	CO ₂ per se activates carbon dioxide receptors. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 117, 103284.	2.7	23
4	Odorant Inhibition in Mosquito Olfaction. <i>IScience</i> , 2019, 19, 25-38.	4.1	20
5	Odorant receptors from <i>Culex quinquefasciatus</i> and <i>Aedes aegypti</i> sensitive to floral compounds. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 113, 103213.	2.7	18
6	DEET and other repellents are inhibitors of mosquito odorant receptors for oviposition attractants. <i>Insect Biochemistry and Molecular Biology</i> , 2019, 113, 103224.	2.7	19
7	Use of machine learning to identify novel, behaviorally active antagonists of the insect odorant receptor co-receptor (Orco) subunit. <i>Scientific Reports</i> , 2019, 9, 4055.	3.3	31
8	A popular Indian clove-based mosquito repellent is less effective against <i>Culex quinquefasciatus</i> and <i>Aedes aegypti</i> than DEET. <i>PLoS ONE</i> , 2019, 14, e0224810.	2.5	5
9	Reverse chemical ecology approach for the identification of an oviposition attractant for <i>Culex quinquefasciatus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 714-719.	7.1	70
10	Reverse chemical ecology-based approach leading to the accidental discovery of repellents for <i>Rhodnius prolixus</i> , a vector of Chagas diseases refractory to DEET. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 103, 46-52.	2.7	30
11	Methyl dihydrojasmonate and lilial are the constituents with an "off-label" insect repellence in perfumes. <i>PLoS ONE</i> , 2018, 13, e0199386.	2.5	16
12	Odorant receptor-based discovery of natural repellents of human lice. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 103-109.	2.7	24
13	1-Octen-3-ol "the attractant that repels. <i>F1000Research</i> , 2015, 4, 156.	1.6	47
14	Mosquito odorant receptor for DEET and methyl jasmonate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16592-16597.	7.1	145
15	Silent, generic and plant kairomone sensitive odorant receptors from the Southern house mosquito. <i>Journal of Insect Physiology</i> , 2013, 59, 961-966.	2.0	27
16	Differential expression of olfactory genes in the southern house mosquito and insights into unique odorant receptor gene isoforms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18704-18709.	7.1	100