

Pingxi Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10176005/publications.pdf>

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