

# Jacob Corcoran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3687949/publications.pdf>

Version: 2024-02-01

16  
papers

465  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fecal-Derived Phenol Induces Egg-Laying Aversion in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 2762-2769.	3.9	68
2	Characterization of Odorant Receptors from a Non-ditrysian Moth, <i>Eriocrania semipurpurella</i> Sheds Light on the Origin of Sex Pheromone Receptors in Lepidoptera. <i>Molecular Biology and Evolution</i> , 2017, 34, 2733-2746.	8.9	59
3	The Peripheral Olfactory Repertoire of the Lightbrown Apple Moth, <i>Epiphyas postvittana</i> . <i>PLoS ONE</i> , 2015, 10, e0128596.	2.5	57
4	A novel method to study insect olfactory receptor function using HEK293 cells. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 54, 22-32.	2.7	50
5	A Sex Pheromone Receptor in the Hessian Fly <i>Mayetiola destructor</i> (Diptera, Cecidomyiidae). <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 212.	3.7	38
6	Endogenous insensitivity to the Orco agonist VUAA1 reveals novel olfactory receptor complex properties in the specialist fly <i>Mayetiola destructor</i> . <i>Scientific Reports</i> , 2018, 8, 3489.	3.3	36
7	Functional characterization of odorant receptors from <i>Lampronia capitella</i> suggests a non-ditrysian origin of the lepidopteran pheromone receptor clade. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 100, 39-47.	2.7	36
8	A Novel Fatty Acyl Desaturase from the Pheromone Glands of <i>Ctenopseustis obliquana</i> and <i>C. herana</i> with Specific Z5-Desaturase Activity on Myristic Acid. <i>Journal of Chemical Ecology</i> , 2014, 40, 63-70.	1.8	32
9	Functional characterization of odorant receptors from the moth <i>Eriocrania semipurpurella</i> : A comparison of results in the <i>Xenopus</i> oocyte and HEK cell systems. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 117, 103289.	2.7	30
10	A Functional Agonist of Insect Olfactory Receptors: Behavior, Physiology and Structure. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 134.	3.7	15
11	Sex pheromone receptors of the light brown apple moth, <i>Epiphyas postvittana</i> , support a second major pheromone receptor clade within the Lepidoptera. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 141, 103708.	2.7	15
12	Sex-biased gene expression in antennae of <i>Drosophila suzukii</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21660.	1.5	11
13	Identification and Characterization of GPCRs for Pyrokinin and CAPA Peptides in the Brown Marmorated Stink Bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Frontiers in Physiology</i> , 2020, 11, 559.	2.8	8
14	Identification and functional characterization of the first molluscan neuromedin U receptor in the slug, <i>Deroceras reticulatum</i> . <i>Scientific Reports</i> , 2020, 10, 22308.	3.3	6
15	Crystal structure of <i>Epiphyas postvittana</i> pheromone binding protein 3. <i>Scientific Reports</i> , 2020, 10, 16366.	3.3	4
16	Cell lines derived from the small hive beetle, <i>Aethina tumida</i> , express insecticide targets. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 849-855.	1.5	0