

Jothi Kumar Yuvaraj

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	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
2	Odorant receptor orthologues in conifer-feeding beetles display conserved responses to ecologically relevant odours. <i>Molecular Ecology</i> , 2022, 31, 3693-3707.	3.9	11
3	Functional Evolution of a Bark Beetle Odorant Receptor Clade Detecting Monoterpenoids of Different Ecological Origins. <i>Molecular Biology and Evolution</i> , 2021, 38, 4934-4947.	8.9	30
4	Codon Optimization of Insect Odorant Receptor Genes May Increase Their Stable Expression for Functional Characterization in HEK293 Cells. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 744401.	3.7	10
5	Functional characterization of odorant receptors from the moth <i>Eriocrania semipurpurella</i> : A comparison of results in the <i>Xenopus oocyte</i> and HEK cell systems. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 117, 103289.	2.7	30
6	Electrophysiological responses of carrot psyllids (<i>Trioza apicalis</i>), in different phases of their life cycle, to volatile carrot and conifer compounds. <i>Journal of Applied Entomology</i> , 2020, 144, 236-240.	1.8	1
7	Identification of sesquisabinene B in carrot (<i>Daucus carota</i> L.) leaves as a compound electrophysiologically active to the carrot psyllid (<i>Trioza apicalis</i> Förster). <i>Chemoecology</i> , 2019, 29, 103-110.	1.1	7
8	Antennal Transcriptome Analysis of the Chemosensory Gene Families From Trichoptera and Basal Lepidoptera. <i>Frontiers in Physiology</i> , 2018, 9, 1365.	2.8	26
9	Diversity of olfactory structures: A comparative study of antennal sensilla in Trichoptera and Lepidoptera. <i>Micron</i> , 2018, 111, 9-18.	2.2	33
10	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
11	Feeding by <i>Scolytus</i> bark beetles to test for differently susceptible elm varieties. <i>Journal of Applied Entomology</i> , 2017, 141, 417-420.	1.8	9
12	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
13	Chemical composition of anal droplets of the eusocial gall-inducing thrips <i>Kladothrips intermedius</i> . <i>Chemoecology</i> , 2014, 24, 85-94.	1.1	7
14	Specificity and sensitivity of plant odor-detecting olfactory sensory neurons in <i>Ctenarytaina eucalypti</i> (Sternorrhyncha: Psyllidae). <i>Journal of Insect Physiology</i> , 2013, 59, 542-551.	2.0	21
15	First Report of <i>Candidatus Liberibacter solanacearum</i> Associated with Psyllid-Affected Carrots in Sweden. <i>Plant Disease</i> , 2012, 96, 453-453.	1.4	68