

Gary J Blomquist

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

897
citations

10
h-index

15
g-index

15
ext. papers

1,104
ext. citations

6.7
avg, IF

4.03
L-index

#	Paper	IF	Citations
14	Hydrocarbon pheromone production in insects 2021 , 205-235		1
13	Chemical Ecology, Biochemistry, and Molecular Biology of Insect Hydrocarbons. <i>Annual Review of Entomology</i> , 2021 , 66, 45-60	21.8	17
12	Cytochromes P450: terpene detoxification and pheromone production in bark beetles. <i>Current Opinion in Insect Science</i> , 2021 , 43, 97-102	5.1	2
11	RNA-Seq used to identify ipsdienone reductase (IDONER): A novel monoterpene carbon-carbon double bond reductase central to Ips confusus pheromone production. <i>Insect Biochemistry and Molecular Biology</i> , 2021 , 129, 103513	4.5	4
10	Mountain pine beetle (<i>Dendroctonus ponderosae</i>) CYP4Gs convert long and short chain alcohols and aldehydes to hydrocarbons. <i>Insect Biochemistry and Molecular Biology</i> , 2018 , 102, 11-20	4.5	37
9	Pheromone biosynthesis in bark beetles. <i>Current Opinion in Insect Science</i> , 2017 , 24, 68-74	5.1	17
8	Cytochrome P450 associated with insecticide resistance catalyzes cuticular hydrocarbon production in <i>Anopheles gambiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9268-73	11.5	177
7	Drosophila Spidey/Kar Regulates Oenocyte Growth via PI3-Kinase Signaling. <i>PLoS Genetics</i> , 2016 , 12, e1006154	6	17
6	Desiccation tolerance in <i>Anopheles coluzzii</i> : the effects of spiracle size and cuticular hydrocarbons. <i>Journal of Experimental Biology</i> , 2016 , 219, 1675-88	3	30
5	High substrate specificity of ipsdienol dehydrogenase (IDOLDH), a short-chain dehydrogenase from Ips pini bark beetles. <i>Journal of Biochemistry</i> , 2016 , 160, 141-51	3.1	8
4	exo-Brevicommin biosynthetic pathway enzymes from the Mountain Pine Beetle, <i>Dendroctonus ponderosae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014 , 53, 73-80	4.5	21
3	An insect-specific P450 oxidative decarbonylase for cuticular hydrocarbon biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14858-63	11.5	282
2	Pheromone production in bark beetles. <i>Insect Biochemistry and Molecular Biology</i> , 2010 , 40, 699-712	4.5	201
1	Functional expression of a bark beetle cytochrome P450 that hydroxylates myrcene to ipsdienol. <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 835-45	4.5	82