

# Joanne Y Yew

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9504147/joanne-y-yew-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

39  
papers

1,336  
citations

22  
h-index

36  
g-index

48  
ext. papers

1,648  
ext. citations

6  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
39	avoidance of microbes in oviposition choice. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 201601	3.3	1
38	A shift to shorter cuticular hydrocarbons accompanies sexual isolation among group populations. <i>Evolution Letters</i> , <b>2021</b> , 5, 521-540	5.3	1
37	Carbon-carbon double bond position elucidation in fatty acids using ozone-coupled direct analysis in real time mass spectrometry. <i>Analyst, The</i> , <b>2019</b> , 144, 5848-5855	5	7
36	Pleiotropic Effects of and on Pigmentation and Cuticular Hydrocarbon Composition in. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 518	4.6	19
35	Detection of very long-chain hydrocarbons by laser mass spectrometry reveals novel species-, sex-, and age-dependent differences in the cuticular profiles of three <i>Nasonia</i> species. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 2981-2993	4.4	9
34	Areca alkaloids measured from buccal cells using DART-MS serve as accurate biomarkers for areca nut chewing. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 906-911	3.5	6
33	Natural Product Discovery by Direct Analysis in Real Time Mass Spectrometry. <i>Mass Spectrometry</i> , <b>2019</b> , 8, S0081	1.7	7
32	Strangers in the dark: behavioral and biochemical evidence for trail pheromones in Hawaiian tree snails. <i>Invertebrate Biology</i> , <b>2018</b> , 137, 124-132	1	2
31	High fat diet alters <i>Drosophila melanogaster</i> sexual behavior and traits: decreased attractiveness and changes in pheromone profiles. <i>Scientific Reports</i> , <b>2018</b> , 8, 5387	4.9	17
30	The <i>Drosophila</i> microbiome has a limited influence on sleep, activity, and courtship behaviors. <i>Scientific Reports</i> , <b>2018</b> , 8, 10646	4.9	25
29	Lipid metabolic perturbation is an early-onset phenotype in adult mutants: a model for lysosomal storage disorders. <i>Molecular Biology of the Cell</i> , <b>2017</b> , 28, 3728-3740	3.5	10
28	The Native Hawaiian Insect Microbiome Initiative: A Critical Perspective for Hawaiian Insect Evolution. <i>Insects</i> , <b>2017</b> , 8,	2.8	13
27	<i>Drosophila</i> as a holistic model for insect pheromone signaling and processing. <i>Current Opinion in Insect Science</i> , <b>2017</b> , 24, 15-20	5.1	11
26	Measuring Physiological Responses of <i>Drosophila</i> Sensory Neurons to Lipid Pheromones Using Live Calcium Imaging. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	2
25	Hormonal Modulation of Pheromone Detection Enhances Male Courtship Success. <i>Neuron</i> , <b>2016</b> , 90, 1272-1285	13.9	69
24	Sequential Collision- and Ozone-Induced Dissociation Enables Assignment of Relative Acyl Chain Position in Triacylglycerols. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2685-92	7.8	43
23	Steroid Hormone Signaling Is Essential for Pheromone Production and Oenocyte Survival. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006126	6	32

22	Phenotypic plasticity in sex pheromone production in <i>Bicyclus anynana</i> butterflies. <i>Scientific Reports</i> , <b>2016</b> , 6, 39002	4.9	22
21	Insect pheromones: An overview of function, form, and discovery. <i>Progress in Lipid Research</i> , <b>2015</b> , 59, 88-105	14.3	97
20	α-globulins mediate manipulation of host attractiveness in <i>Toxoplasma gondii</i> - <i>Rattus norvegicus</i> association. <i>ISME Journal</i> , <b>2015</b> , 9, 2112-5	11.9	9
19	The fatty acid elongase <i>Bond</i> is essential for <i>Drosophila</i> sex pheromone synthesis and male fertility. <i>Nature Communications</i> , <b>2015</b> , 6, 8263	17.4	25
18	The neuropeptide tachykinin is essential for pheromone detection in a gustatory neural circuit. <i>ELife</i> , <b>2015</b> , 4, e06914	8.9	35
17	Endocrine remodelling of the adult intestine sustains reproduction in <i>Drosophila</i> . <i>ELife</i> , <b>2015</b> , 4, e06930	8.9	114
16	Analysis of <i>Drosophila</i> lipids by matrix-assisted laser desorption/ionization mass spectrometric imaging. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 11086-92	7.8	42
15	Pheromone evolution and sexual behavior in <i>Drosophila</i> are shaped by male sensory exploitation of other males. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3056-61	11.5	22
14	Sex-specific triacylglycerides are widely conserved in <i>Drosophila</i> and mediate mating behavior. <i>ELife</i> , <b>2014</b> , 3, e01751	8.9	38
13	Increase in cellular triacylglycerol content and emergence of large ER-associated lipid droplets in the absence of CDP-DG synthase function. <i>Molecular Biology of the Cell</i> , <b>2014</b> , 25, 4083-95	3.5	12
12	Pheromone synthesis. Part 250: Determination of the stereostructure of CH503, a sex pheromone of male <i>Drosophila melanogaster</i> , as (3R,11Z,19Z)-3-acetoxy-11,19-octacosadien-1-ol by synthesis and chromatographic analysis of its eight isomers. <i>Tetrahedron</i> , <b>2012</b> , 68, 3750-3760	2.4	14
11	Insulin signaling mediates sexual attractiveness in <i>Drosophila</i> . <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002684	6	66
10	Aging modulates cuticular hydrocarbons and sexual attractiveness in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , <b>2012</b> , 215, 814-21	3	69
9	Dietary effects on cuticular hydrocarbons and sexual attractiveness in <i>Drosophila</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e49799	3.7	65
8	Direct laser desorption ionization of endogenous and exogenous compounds from insect cuticles: practical and methodologic aspects. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2011</b> , 22, 1273-84	3.5	24
7	Male-specific transfer and fine scale spatial differences of newly identified cuticular hydrocarbons and triacylglycerides in a <i>Drosophila</i> species pair. <i>PLoS ONE</i> , <b>2011</b> , 6, e16898	3.7	33
6	Pheromonal and behavioral cues trigger male-to-female aggression in <i>Drosophila</i> . <i>PLoS Biology</i> , <b>2010</b> , 8, e1000541	9.7	70
5	Pheromone synthesis. Part 244: Synthesis of the racemate and enantiomers of (11Z,19Z)-CH503 (3-acetoxy-11,19-octacosadien-1-ol), a new sex pheromone of male <i>Drosophila melanogaster</i> to show its (S)-isomer and racemate as bioactive. <i>Tetrahedron</i> , <b>2010</b> , 66, 7161-7168	2.4	26

4	A new male sex pheromone and novel cuticular cues for chemical communication in <i>Drosophila</i> . <i>Current Biology</i> , <b>2009</b> , 19, 1245-54	6.3	137
3	Analysis of neuropeptide expression and localization in adult <i>Drosophila melanogaster</i> central nervous system by affinity cell-capture mass spectrometry. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 1271-84	5.6	42
2	Cuticular hydrocarbon analysis of an awake behaving fly using direct analysis in real-time time-of-flight mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 7135-40	11.5	99
1	A shift to shorter cuticular hydrocarbons accompanies sexual isolation among <i>Drosophila americana</i> group populations		1