

# Joanne Y Yew

## List of Publications by Citations

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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	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
38	Endocrine remodelling of the adult intestine sustains reproduction in <i>Drosophila</i> . <i>ELife</i> , <b>2015</b> , 4, e06930	8.9	114
37	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
36	Insect pheromones: An overview of function, form, and discovery. <i>Progress in Lipid Research</i> , <b>2015</b> , 59, 88-105	14.3	97
35	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
34	Hormonal Modulation of Pheromone Detection Enhances Male Courtship Success. <i>Neuron</i> , <b>2016</b> , 90, 1272-1285	13.9	69
33	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
32	Insulin signaling mediates sexual attractiveness in <i>Drosophila</i> . <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002684	6	66
31	Dietary effects on cuticular hydrocarbons and sexual attractiveness in <i>Drosophila</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e49799	3.7	65
30	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
29	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
28	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
27	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
26	The neuropeptide tachykinin is essential for pheromone detection in a gustatory neural circuit. <i>ELife</i> , <b>2015</b> , 4, e06914	8.9	35
25	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
24	Steroid Hormone Signaling Is Essential for Pheromone Production and Oenocyte Survival. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006126	6	32
23	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

22	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
21	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
20	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
19	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
18	Phenotypic plasticity in sex pheromone production in <i>Bicyclus anynana</i> butterflies. <i>Scientific Reports</i> , <b>2016</b> , 6, 39002	4.9	22
17	Pleiotropic Effects of and on Pigmentation and Cuticular Hydrocarbon Composition in. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 518	4.6	19
16	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
15	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
14	The Native Hawaiian Insect Microbiome Initiative: A Critical Perspective for Hawaiian Insect Evolution. <i>Insects</i> , <b>2017</b> , 8,	2.8	13
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	<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
11	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
10	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
9	Qu-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
8	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
7	Natural Product Discovery by Direct Analysis in Real Time Mass Spectrometry. <i>Mass Spectrometry</i> , <b>2019</b> , 8, S0081	1.7	7
6	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
5	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

4	Measuring Physiological Responses of Drosophila Sensory Neurons to Lipid Pheromones Using Live Calcium Imaging. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	2
3	A shift to shorter cuticular hydrocarbons accompanies sexual isolation among <i>Drosophila americana</i> group populations		1
2	avoidance of microbes in oviposition choice. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 201601	3.3	1
1	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