

Joanne Y Yew

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,821
citations

279778

23
h-index

302107

39
g-index

48
all docs

48
docs citations

48
times ranked

2115
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocrine remodelling of the adult intestine sustains reproduction in <i>Drosophila</i> . <i>ELife</i> , 2015, 4, e06930.	6.0	167
2	Insect pheromones: An overview of function, form, and discovery. <i>Progress in Lipid Research</i> , 2015, 59, 88-105.	11.6	166
3	A New Male Sex Pheromone and Novel Cuticular Cues for Chemical Communication in <i>Drosophila</i> . <i>Current Biology</i> , 2009, 19, 1245-1254.	3.9	156
4	Hormonal Modulation of Pheromone Detection Enhances Male Courtship Success. <i>Neuron</i> , 2016, 90, 1272-1285.	8.1	114
5	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> , 2008, 105, 7135-7140.	7.1	110
6	Pheromonal and Behavioral Cues Trigger Male-to-Female Aggression in <i>Drosophila</i> . <i>PLoS Biology</i> , 2010, 8, e1000541.	5.6	90
7	Aging modulates cuticular hydrocarbons and sexual attractiveness in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 814-821.	1.7	88
8	Insulin Signaling Mediates Sexual Attractiveness in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2012, 8, e1002684.	3.5	73
9	Dietary Effects on Cuticular Hydrocarbons and Sexual Attractiveness in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e49799.	2.5	73
10	Sequential Collision- and Ozone-Induced Dissociation Enables Assignment of Relative Acyl Chain Position in Triacylglycerols. <i>Analytical Chemistry</i> , 2016, 88, 2685-2692.	6.5	59
11	Steroid Hormone Signaling Is Essential for Pheromone Production and Oenocyte Survival. <i>PLoS Genetics</i> , 2016, 12, e1006126.	3.5	51
12	Analysis of <i>Drosophila</i> Lipids by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Imaging. <i>Analytical Chemistry</i> , 2014, 86, 11086-11092.	6.5	50
13	The neuropeptide tachykinin is essential for pheromone detection in a gustatory neural circuit. <i>ELife</i> , 2015, 4, e06914.	6.0	48
14	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> , 2009, 8, 1271-1284.	3.7	47
15	Sex-specific triacylglycerides are widely conserved in <i>Drosophila</i> and mediate mating behavior. <i>ELife</i> , 2014, 3, e01751.	6.0	44
16	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> , 2011, 6, e16898.	2.5	41
17	The <i>Drosophila</i> microbiome has a limited influence on sleep, activity, and courtship behaviors. <i>Scientific Reports</i> , 2018, 8, 10646.	3.3	39
18	Pleiotropic Effects of <i>ebony</i> and <i>tan</i> on Pigmentation and Cuticular Hydrocarbon Composition in <i>Drosophila melanogaster</i> . <i>Frontiers in Physiology</i> , 2019, 10, 518.	2.8	38

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19	The fatty acid elongase Bond is essential for <i>Drosophila</i> sex pheromone synthesis and male fertility. <i>Nature Communications</i> , 2015, 6, 8263.	12.8	36
20	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> , 2014, 111, 3056-3061.	7.1	35
21	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> , 2011, 22, 1273-84.	2.8	31
22	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> , 2010, 66, 7161-7168.	1.9	29
23	Phenotypic plasticity in sex pheromone production in <i>Bicyclus anynana</i> butterflies. <i>Scientific Reports</i> , 2016, 6, 39002.	3.3	29
24	High fat diet alters <i>Drosophila melanogaster</i> sexual behavior and traits: decreased attractiveness and changes in pheromone profiles. <i>Scientific Reports</i> , 2018, 8, 5387.	3.3	28
25	<i>Drosophila suzukii</i> avoidance of microbes in oviposition choice. <i>Royal Society Open Science</i> , 2021, 8, 201601.	2.4	19
26	Lipid metabolic perturbation is an early-onset phenotype in adult <i>spinster</i> mutants: a <i>Drosophila</i> model for lysosomal storage disorders. <i>Molecular Biology of the Cell</i> , 2017, 28, 3728-3740.	2.1	18
27	The Native Hawaiian Insect Microbiome Initiative: A Critical Perspective for Hawaiian Insect Evolution. <i>Insects</i> , 2017, 8, 130.	2.2	18
28	<i>Drosophila</i> as a holistic model for insect pheromone signaling and processing. <i>Current Opinion in Insect Science</i> , 2017, 24, 15-20.	4.4	17
29	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> , 2012, 68, 3750-3760.	1.9	15
30	Carbon ¹³ -carbon double bond position elucidation in fatty acids using ozone-coupled direct analysis in real time mass spectrometry. <i>Analyst</i> , 2019, 144, 5848-5855.	3.5	14
31	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> , 2019, 411, 2981-2993.	3.7	14
32	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> , 2014, 25, 4083-4095.	2.1	13
33	Î±2u-globulins mediate manipulation of host attractiveness in <i>Toxoplasma gondii</i> – <i>Rattus norvegicus</i> association. <i>ISME Journal</i> , 2015, 9, 2112-2115.	9.8	11
34	Areca alkaloids measured from buccal cells using DART-MS serve as accurate biomarkers for areca nut chewing. <i>Drug Testing and Analysis</i> , 2019, 11, 906-911.	2.6	10
35	Natural Product Discovery by Direct Analysis in Real Time Mass Spectrometry. <i>Mass Spectrometry</i> , 2019, 8, S0081-S0081.	0.6	9
36	Strangers in the dark: behavioral and biochemical evidence for trail pheromones in Hawaiian tree snails. <i>Invertebrate Biology</i> , 2018, 137, 124-132.	0.9	5

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37	A shift to shorter cuticular hydrocarbons accompanies sexual isolation among <i>Drosophila americana</i> group populations. <i>Evolution Letters</i> , 2021, 5, 521-540.	3.3	4
38	Measuring Physiological Responses of <i>Drosophila</i> Sensory Neurons to Lipid Pheromones Using Live Calcium Imaging. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	3
39	<i>In situ</i> lipid profiling of insect pheromone glands by direct analysis in real time mass spectrometry. <i>Analyst, The</i> , 2022, 147, 3276-3284.	3.5	3
40	Synergy among Microbiota and Their Hosts: Leveraging the Hawaiian Archipelago and Local Collaborative Networks To Address Pressing Questions in Microbiome Research. <i>MSystems</i> , 2018, 3, .	3.8	0