

# Drew Sturtevant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8689939/publications.pdf>

Version: 2024-02-01

18  
papers

717  
citations

567144

15  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix assisted laser desorption/ionization-mass spectrometry imaging (MALDI-MSI) for direct visualization of plant metabolites in situ. <i>Current Opinion in Biotechnology</i> , 2016, 37, 53-60.	3.3	117
2	Tailoring seed oil composition in the real world: optimising omega-3 long chain polyunsaturated fatty acid accumulation in transgenic <i>Camelina sativa</i> . <i>Scientific Reports</i> , 2017, 7, 6570.	1.6	79
3	Two Acyltransferases Contribute Differently to Linolenic Acid Levels in Seed Oil. <i>Plant Physiology</i> , 2017, 173, 2081-2095.	2.3	74
4	Spatial and Temporal Mapping of Key Lipid Species in <i>Brassica napus</i> Seeds. <i>Plant Physiology</i> , 2017, 173, 1998-2009.	2.3	72
5	Spatial analysis of lipid metabolites and expressed genes reveals tissue-specific heterogeneity of lipid metabolism in high- and low-oil <i>Brassica napus</i> L. seeds. <i>Plant Journal</i> , 2018, 94, 915-932.	2.8	66
6	The genome of jojoba ( <i>Simmondsia chinensis</i> ): A taxonomically isolated species that directs wax ester accumulation in its seeds. <i>Science Advances</i> , 2020, 6, eaay3240.	4.7	53
7	Mouse fat storage-inducing transmembrane protein 2 (FIT2) promotes lipid droplet accumulation in plants. <i>Plant Biotechnology Journal</i> , 2017, 15, 824-836.	4.1	37
8	Three-dimensional visualization of membrane phospholipid distributions in <i>Arabidopsis thaliana</i> seeds: A spatial perspective of molecular heterogeneity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 268-281.	1.2	36
9	Modified oleic cottonseeds show altered content, composition and tissue-specific distribution of triacylglycerol molecular species. <i>Biochimie</i> , 2014, 96, 28-36.	1.3	28
10	Nanomanipulation-Coupled Matrix-Assisted Laser Desorption/ Ionization-Direct Organelle Mass Spectrometry: A Technique for the Detailed Analysis of Single Organelles. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 187-193.	1.2	23
11	Lipid metabolites in seeds of diverse <i>Gossypium</i> accessions: molecular identification of a high oleic mutant allele. <i>Planta</i> , 2017, 245, 595-610.	1.6	22
12	MALDI-MS Imaging of Urushiols in Poison Ivy Stem. <i>Molecules</i> , 2017, 22, 711.	1.7	21
13	Tissue-specific differences in metabolites and transcripts contribute to the heterogeneity of ricinoleic acid accumulation in <i>Ricinus communis</i> L. (castor) seeds. <i>Metabolomics</i> , 2019, 15, 6.	1.4	21
14	Genetic Analysis of Cottonseed Protein and Oil in a Diverse Cotton Germplasm. <i>Crop Science</i> , 2016, 56, 2457-2464.	0.8	16
15	Evaluation of a custom single Peltier-cooled ablation cell for elemental imaging of biological samples in laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1030-1033.	1.6	15
16	Development and application of sub-2-µm particle CO <sub>2</sub> -based chromatography coupled to mass spectrometry for comprehensive analysis of lipids in cottonseed extracts. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 591-605.	0.7	13
17	Production of wax esters in the wild oil species <i>Lepidium campestre</i> . <i>Industrial Crops and Products</i> , 2017, 108, 535-542.	2.5	12
18	Heterogeneous Distribution of Erucic Acid in <i>Brassica napus</i> Seeds. <i>Frontiers in Plant Science</i> , 2020, 10, 1744.	1.7	12