

# Yonghui Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2650420/publications.pdf>

Version: 2024-02-01

22  
papers

1,081  
citations

686830

13  
h-index

713013

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhizosphere microbiome mediates systemic root metabolite exudation by root-to-root signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3874-3883.	3.3	326
2	Sample Preparation for Mass Spectrometry Imaging of Plant Tissues: A Review. <i>Frontiers in Plant Science</i> , 2016, 7, 60.	1.7	125
3	Engineered gray mold resistance, antioxidant capacity, and pigmentation in betalain-producing crops and ornamentals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9062-9067.	3.3	111
4	More than Pictures: When MS Imaging Meets Histology. <i>Trends in Plant Science</i> , 2016, 21, 686-698.	4.3	79
5	Identification of MicroRNAs and Their Targets Associated with Fruit-Bagging and Subsequent Sunlight Re-exposure in the ‘Granny Smith’ Apple Exocarp Using High-Throughput Sequencing. <i>Frontiers in Plant Science</i> , 2016, 7, 27.	1.7	56
6	Combining intensity correlation analysis and MALDI imaging to study the distribution of flavonols and dihydrochalcones in Golden Delicious apples. <i>Journal of Experimental Botany</i> , 2012, 63, 1123-1133.	2.4	54
7	A Multilevel Study of Melon Fruit Reticulation Provides Insight into Skin Ligno-Suberization Hallmarks. <i>Plant Physiology</i> , 2019, 179, 1486-1501.	2.3	52
8	In plaque-mass spectrometry imaging of a bloom-forming alga during viral infection reveals a metabolic shift towards odd-chain fatty acid lipids. <i>Nature Microbiology</i> , 2019, 4, 527-538.	5.9	52
9	The GORKY glycoalkaloid transporter is indispensable for preventing tomato bitterness. <i>Nature Plants</i> , 2021, 7, 468-480.	4.7	50
10	Analytical capabilities of mass spectrometry imaging and its potential applications in food science. <i>Trends in Food Science and Technology</i> , 2016, 47, 50-63.	7.8	43
11	High mass resolution, spatial metabolite mapping enhances the current plant gene and pathway discovery toolbox. <i>New Phytologist</i> , 2020, 228, 1986-2002.	3.5	30
12	DLEMMA-MS-Imaging for Identification of Spatially Localized Metabolites and Metabolic Network Map Reconstruction. <i>Analytical Chemistry</i> , 2018, 90, 10231-10238.	3.2	21
13	Image to insight: exploring natural products through mass spectrometry imaging. <i>Natural Product Reports</i> , 2022, 39, 1510-1530.	5.2	20
14	Mapping of cell wall aromatic moieties and their effect on hygroscopic movement in the awns of stork’s bill. <i>Cellulose</i> , 2018, 25, 3827-3841.	2.4	16
15	The metabolic and proteomic repertoires of periderm tissue in skin of the reticulated Sikkim cucumber fruit. <i>Horticulture Research</i> , 2022, 9, .	2.9	10
16	Miso: an R package for multiple isotope labeling assisted metabolomics data analysis. <i>Bioinformatics</i> , 2019, 35, 3524-3526.	1.8	9
17	Impact of tissue surface properties on the desorption electrospray ionization imaging of organic acids in grapevine stem. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 711-718.	0.7	8
18	High Production of Small Organic Dicarboxylate Dianions by DESI and ESI. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 386-389.	1.2	6

#	ARTICLE	IF	CITATIONS
19	RawHummus: an R Shiny app for automated raw data quality control in metabolomics. <i>Bioinformatics</i> , 2022, 38, 2072-2074.	1.8	5
20	TLC surface integrity affects the detection of alkali adduct ions in TLC-MALDI analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5661-5666.	1.9	4
21	Characterization of the PRODUCTION of ANTHOCYANIN PIGMENT 1 Arabidopsis dominant mutant using DLEMMA dual isotope labeling approach. <i>Phytochemistry</i> , 2021, 186, 112740.	1.4	2
22	CCWeights: An R package and web application for automated evaluation and selection of weighting factors for accurate quantification using linear calibration curve. <i>Bioinformatics Advances</i> , 0, , .	0.9	1