

Christoph Bueschl

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8009080/christoph-bueschl-publications-by-citations.pdf>

Version: 2024-04-26

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.

33
papers

880
citations

17
h-index

29
g-index

39
ext. papers

1,232
ext. citations

5.8
avg, IF

3.96
L-index

#	Paper	IF	Citations
33	Stable isotopic labelling-assisted untargeted metabolic profiling reveals novel conjugates of the mycotoxin deoxynivalenol in wheat. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 5031-6	4.4	88
32	GC-MS based targeted metabolic profiling identifies changes in the wheat metabolome following deoxynivalenol treatment. <i>Metabolomics</i> , 2015 , 11, 722-738	4.7	66
31	Biotransformation of the mycotoxin deoxynivalenol in fusarium resistant and susceptible near isogenic wheat lines. <i>PLoS ONE</i> , 2015 , 10, e0119656	3.7	65
30	MetExtract: a new software tool for the automated comprehensive extraction of metabolite-derived LC/MS signals in metabolomics research. <i>Bioinformatics</i> , 2012 , 28, 736-8	7.2	62
29	A novel stable isotope labelling assisted workflow for improved untargeted LC-HRMS based metabolomics research. <i>Metabolomics</i> , 2014 , 10, 754-769	4.7	57
28	Metabolism of the Fusarium Mycotoxins T-2 Toxin and HT-2 Toxin in Wheat. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 7862-72	5.7	54
27	Methanol Generates Numerous Artifacts during Sample Extraction and Storage of Extracts in Metabolomics Research. <i>Metabolites</i> , 2017 , 8,	5.6	50
26	Transcription factor Xpp1 is a switch between primary and secondary fungal metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E560-E569	11.5	49
25	Tracing the metabolism of HT-2 toxin and T-2 toxin in barley by isotope-assisted untargeted screening and quantitative LC-HRMS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 8019-33	4.4	46
24	MetExtract II: A Software Suite for Stable Isotope-Assisted Untargeted Metabolomics. <i>Analytical Chemistry</i> , 2017 , 89, 9518-9526	7.8	45
23	Untargeted profiling of tracer-derived metabolites using stable isotopic labeling and fast polarity-switching LC-ESI-HRMS. <i>Analytical Chemistry</i> , 2014 , 86, 11533-7	7.8	35
22	Stable Isotope-Assisted Evaluation of Different Extraction Solvents for Untargeted Metabolomics of Plants. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	26
21	Joint Transcriptomic and Metabolomic Analyses Reveal Changes in the Primary Metabolism and Imbalances in the Subgenome Orchestration in the Bread Wheat Molecular Response to Fusarium graminearum. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 2579-92	3.2	25
20	Downy mildew symptoms on grapevines can be reduced by volatile organic compounds of resistant genotypes. <i>Scientific Reports</i> , 2018 , 8, 1618	4.9	24
19	The Profile and Dynamics of RNA Modifications in Animals. <i>ChemBioChem</i> , 2017 , 18, 979-984	3.8	23
18	Metabolism of HT-2 Toxin and T-2 Toxin in Oats. <i>Toxins</i> , 2016 , 8,	4.9	22
17	Automated LC-HRMS(/MS) approach for the annotation of fragment ions derived from stable isotope labeling-assisted untargeted metabolomics. <i>Analytical Chemistry</i> , 2014 , 86, 7320-7	7.8	20

16	Tracing flavonoid degradation in grapes by MS filtering with stable isotopes. <i>Food Chemistry</i> , 2015 , 166, 448-455	8.5	17
15	Stable Isotope-Assisted Plant Metabolomics: Investigation of Phenylalanine-Related Metabolic Response in Wheat Upon Treatment With the Virulence Factor Deoxynivalenol. <i>Frontiers in Plant Science</i> , 2019 , 10, 1137	6.2	16
14	Untargeted LC-MS based C labelling provides a full mass balance of deoxynivalenol and its degradation products formed during baking of crackers, biscuits and bread. <i>Food Chemistry</i> , 2019 , 279, 303-311	8.5	15
13	QCScreen: a software tool for data quality control in LC-HRMS based metabolomics. <i>BMC Bioinformatics</i> , 2015 , 16, 341	3.6	14
12	Stable Isotope-Assisted Metabolomics for Deciphering Xenobiotic Metabolism in Mammalian Cell Culture. <i>ACS Chemical Biology</i> , 2020 , 15, 970-981	4.9	13
11	Tracing oxidation reaction pathways in wine using C isotopolog patterns and a putative compound database. <i>Analytica Chimica Acta</i> , 2019 , 1054, 74-83	6.6	11
10	Trichoderma spp. volatile organic compounds protect grapevine plants by activating defense-related processes against downy mildew. <i>Physiologia Plantarum</i> , 2021 , 172, 1950-1965	4.6	10
9	Stable Isotope-Assisted Plant Metabolomics: Combination of Global and Tracer-Based Labeling for Enhanced Untargeted Profiling and Compound Annotation. <i>Frontiers in Plant Science</i> , 2019 , 10, 1366	6.2	7
8	Preparation of uniformly labelled C- and N-plants using customised growth chambers. <i>Plant Methods</i> , 2020 , 16, 46	5.8	6
7	MetMatch: A Semi-Automated Software Tool for the Comparison and Alignment of LC-HRMS Data from Different Metabolomics Experiments. <i>Metabolites</i> , 2016 , 6,	5.6	4
6	Partially C-labeled mouse tissue as reference for LC-MS based untargeted metabolomics. <i>Analytical Biochemistry</i> , 2018 , 556, 63-69	3.1	3
5	Volatiles from the Mandibular Gland Reservoir Content of Laciny and Zettel, 2018, Worker Ants (Hymenoptera: Formicidae). <i>Molecules</i> , 2019 , 24,	4.8	3
4	Enhanced Metabolome Coverage and Evaluation of Matrix Effects by the Use of Experimental-Condition-Matched C-Labeled Biological Samples in Isotope-Assisted LC-HRMS Metabolomics. <i>Metabolites</i> , 2020 , 10,	5.6	2
3	Elucidation of xenoestrogen metabolism by non-targeted, stable isotope-assisted mass spectrometry in breast cancer cells. <i>Environment International</i> , 2021 , 158, 106940	12.9	1
2	A novel method combining stable isotopic labeling and high-resolution mass spectrometry to trace the quinone reaction products in wines.. <i>Food Chemistry</i> , 2022 , 383, 132448	8.5	0
1	The Comprehensive and Reliable Detection of Secondary Metabolites in <i>Trichoderma reesei</i> : A Tool for the Discovery of Novel Substances. <i>Methods in Molecular Biology</i> , 2021 , 2234, 271-295	1.4	