

# CITATION REPORT

List of articles citing

## A High Throughput Ambient Mass Spectrometric Approach to Species Identification and Classification from Chemical Fingerprint Signatures

DOI: 10.1038/srep11520  
Scientific Reports, 2015, 5, 11520.

**Source:** <https://exaly.com/paper-pdf/62037136/citation-report.pdf>

**Version:** 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
47	Opportunities for Improved Transparency in the Timber Trade through Scientific Verification. <i>BioScience</i> , <b>2016</b> , 66, 990-998	5.7	38
46	Steroid Hormone Signaling Is Essential for Pheromone Production and Oenocyte Survival. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006126	6	32
45	Direct Analysis and Quantification of Metaldehyde in Water using Reactive Paper Spray Mass Spectrometry. <i>Scientific Reports</i> , <b>2016</b> , 6, 35643	4.9	26
44	Rapid High-throughput Species Identification of Botanical Material Using Direct Analysis in Real Time High Resolution Mass Spectrometry. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	6
43	More than just heat: ambient ionization mass spectrometry for determination of the species of origin of processed commercial products—Application to psychoactive pepper supplements. <i>Analytical Methods</i> , <b>2016</b> , 8, 1646-1658	3.2	8
42	Evaluation of the quality of herbal teas by DART/TOF-MS. <i>Journal of Mass Spectrometry</i> , <b>2017</b> , 52, 116-126	2.2	11
41	Predictable weathering of puparial hydrocarbons of necrophagous flies for determining the postmortem interval: a field experiment using <i>Chrysomya rufifacies</i> . <i>International Journal of Legal Medicine</i> , <b>2017</b> , 131, 885-894	3.1	12
40	Plasma-based ambient mass spectrometry: a step forward to practical applications. <i>Analytical Methods</i> , <b>2017</b> , 9, 4908-4923	3.2	12
39	Source identification of western Oregon Douglas-fir wood cores using mass spectrometry and random forest classification. <i>Applications in Plant Sciences</i> , <b>2017</b> , 5, 1600158	2.3	22
38	Species Identification of Necrophagous Insect Eggs Based on Amino Acid Profile Differences Revealed by Direct Analysis in Real Time-High Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7719-7726	7.8	20
37	Automated classification of wood transverse cross-section micro-imagery from 77 commercial Central-African timber species. <i>Annals of Forest Science</i> , <b>2017</b> , 74, 1	3.1	16
36	Rapid Species-level Identification of <i>Salvias</i> by Chemometric Processing of Ambient Ionisation Mass Spectrometry-derived Chemical Profiles. <i>Phytochemical Analysis</i> , <b>2017</b> , 28, 16-26	3.4	13
35	Cuticular hydrocarbon profiles as a chemotaxonomic tool for three blowfly species (Diptera: Calliphoridae) of forensic interest. <i>Journal of Natural History</i> , <b>2017</b> , 51, 1491-1498	0.5	6
34	Application of DART-MS in Natural Phytochemical Research. <b>2017</b> , 255-290		1
33	Alignment-free genome comparison enables accurate geographic sourcing of white oak DNA. <i>BMC Genomics</i> , <b>2018</b> , 19, 896	4.5	2
32	Direct Analysis in Real Time-Mass Spectrometry and Kohonen Artificial Neural Networks for Species Identification of Larva, Pupa and Adult Life Stages of Carrion Insects. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 9206-9217	7.8	15
31	A Rapid, High-Throughput Validated Method for the Quantification of Atropine in <i>Datura stramonium</i> Seeds Using Direct Analysis in Real Time-High Resolution Mass Spectrometry (DART-HRMS). <i>Methods in Molecular Biology</i> , <b>2018</b> , 1810, 207-215	1.4	5

30	Chemical differentiation of Bolivian Cedrela species as a tool to trace illegal timber trade. <i>Forestry</i> , <b>2018</b> , 91, 603-613	2.2	12
29	Phenolic variation among Chamaecrista nictitans subspecies and varieties revealed through UPLC-ESI(-)-MS/MS chemical fingerprinting. <i>Metabolomics</i> , <b>2019</b> , 15, 14	4.7	5
28	A protocol for automated timber species identification using metabolome profiling. <i>Wood Science and Technology</i> , <b>2019</b> , 53, 953-965	2.5	10
27	A validated method for the quantification of mitragynine in sixteen commercially available Kratom (Mitragyna speciosa) products. <i>Forensic Science International</i> , <b>2019</b> , 299, 195-202	2.6	18
26	Natural Product Discovery by Direct Analysis in Real Time Mass Spectrometry. <i>Mass Spectrometry</i> , <b>2019</b> , 8, S0081	1.7	7
25	A classification of liquid chromatography mass spectrometry techniques for evaluation of chemical composition and quality control of traditional medicines. <i>Journal of Chromatography A</i> , <b>2020</b> , 1609, 460501	4.5	28
24	Chemotyping and identification of protected Dalbergia timber using gas chromatography quadrupole time of flight mass spectrometry. <i>Journal of Chromatography A</i> , <b>2020</b> , 1615, 460775	4.5	2
23	FIELDABLE MASS SPECTROMETRY FOR FORENSIC SCIENCE, HOMELAND SECURITY, AND DEFENSE APPLICATIONS. <i>Mass Spectrometry Reviews</i> , <b>2021</b> , 40, 628-646	11	16
22	Forensic identification of the keratin fibers of South American camelids by ambient ionization mass spectrometry: Vicuña, alpaca and guanaco. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8916	2.2	1
21	Coated glass capillaries as SPME devices for DART mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8946	2.2	3
20	Identification of the Species Constituents of Maggot Populations Feeding on Decomposing Remains-Facilitation of the Determination of Post Mortem Interval and Time Since Tissue Infestation through Application of Machine Learning and Direct Analysis in Real Time-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5439-5446	7.8	9
19	Forensic validation of a SNP and INDEL panel for individualisation of timber from bigleaf maple (Acer macrophyllum Pursch). <i>Forensic Science International: Genetics</i> , <b>2020</b> , 46, 102252	4.3	11
18	Forensic applications of DART-MS: A review of recent literature. <i>Forensic Chemistry</i> , <b>2021</b> , 22, 100294	2.8	15
17	Characterization of nuclear materials signatures using statistical analysis processing in conjunction with quantitative morphology: a preliminary study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2021</b> , 328, 259-266	1.5	
16	Direct analysis in real-time (DART) time-of-flight mass spectrometry (TOFMS) of wood reveals distinct chemical signatures of two species of Afzelia. <i>Annals of Forest Science</i> , <b>2021</b> , 78, 1	3.1	1
15	Cuticular hydrocarbons for identifying Sarcophagidae (Diptera). <i>Scientific Reports</i> , <b>2021</b> , 11, 7732	4.9	2
14	A practical study of CITES wood species identification by untargeted DART/QTOF, GC/QTOF and LC/QTOF together with machine learning processes and statistical analysis. <i>Environmental Advances</i> , <b>2021</b> , 5, 100089	3.5	0
13	DNA-Based Analysis of Plant Material in Forensic Investigations. <b>2021</b> , 1-32		

12	An evolving computational platform for biological mass spectrometry: workflows, statistics and data mining with MASSyPup64. <i>PeerJ</i> , <b>2015</b> , 3, e1401	3.1	16
11	Coral Genus Differentiation Based on Direct Analysis in Real Time-High Resolution Mass Spectrometry-Derived Chemical Fingerprints. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 15306-15314	7.8	1
10	Opportunities in Phytochemistry, Ecophysiology and Wood Research via Laser Ablation Direct Analysis in Real Time-Imaging Mass Spectrometry. <i>New Phytologist</i> , <b>2021</b> ,	9.8	1
9	Cuticular hydrocarbons for the identification and geographic assignment of empty puparia of forensically important flies.. <i>International Journal of Legal Medicine</i> , <b>2022</b> , 1	3.1	1
8	DNA-Based Analysis of Plant Material in Forensic Investigations. <b>2022</b> , 857-888		
7	Authentication of Edible Insects Powders by the Combination of DART-HRMS Signatures: The First Application of Ambient Mass Spectrometry to Screening of Novel Food. <b>2022</b> , 11, 2264		2
6	A Contribution of Spectrophotometric Methods to Medicinal Plant Taxonomy. <b>2022</b> , 297-319		0
5	Towards the fully automated monitoring of ecological communities.		1
4	A Review of Traceability Systems in the Timber Industry.		0
3	Wood from Hardwood Angiosperms and Coniferous Gymnosperms Shows Distinctive Lignin Peaks in Direct Analysis in Real Time (DART) Mass Spectra. <b>2023</b> , 34, 784-789		0
2	Metabolomics for Plant Health Biosecurity Diagnostics and Response. <b>2023</b> , 15, 4654		0
1	Rapid spilled oil analysis using direct analysis in real time time-of-flight mass spectrometry. <b>2023</b> , 12,		0