

# Shai Dagan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6426547/publications.pdf>

Version: 2024-02-01

18  
papers

251  
citations

1163117

8  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpretation of ESI(+)-MS-MS spectraâ€”Towards the identification of â€œunknownsâ€. International Journal of Mass Spectrometry, 2011, 299, 158-168.	1.5	64
2	Comparison of gas chromatographyâ€”pulsed flame photometric detectionâ€”mass spectrometry, automated mass spectral deconvolution and identification system and gas chromatographyâ€”tandem mass spectrometry as tools for trace level detection and identification. Journal of Chromatography A, 2000, 868, 229-247.	3.7	57
3	Aqueous extraction followed by derivatization and liquid chromatographyâ€”mass spectrometry analysis: A unique strategy for trace detection and identification of G-nerve agents in environmental matrices. Journal of Chromatography A, 2018, 1577, 24-30.	3.7	22
4	Determination of trace amounts of G-type nerve agents in aqueous samples utilizing â€œin vialâ€ instantaneous derivatization and liquid chromatographyâ€”tandem mass spectrometry. Journal of Chromatography A, 2017, 1512, 71-77.	3.7	17
5	Unraveling mosquito metabolism with mass spectrometry-based metabolomics. Trends in Parasitology, 2021, 37, 747-761.	3.3	11
6	Positional stable isotope tracer analysis reveals carbon routes during ammonia metabolism of <i>Aedes aegypti</i> mosquitoes. FASEB Journal, 2018, 32, 466-477.	0.5	10
7	Retrospective determination of regenerated nerve agent sarin in human blood by liquid chromatographyâ€”mass spectrometry and in vivo implementation in rabbit. Archives of Toxicology, 2020, 94, 103-111.	4.2	10
8	Oxidationâ€”assisted structural elucidation of compounds containing a tertiary amine side chain using liquid chromatography mass spectrometry. Journal of Mass Spectrometry, 2018, 53, 518-524.	1.6	9
9	A multipleâ€”method comparative study using GCâ€”MS, AMDIS and inâ€”houseâ€”built software for the detection and identification of â€œunknownâ€ volatile organic compounds in breath. Journal of Mass Spectrometry, 2021, 56, e4782.	1.6	9
10	Determination of free G-type nerve agents in blood: in situ derivatization on a dried blood spot (DBS) paper followed by LCâ€”MS/MS analysis. Forensic Toxicology, 2020, 38, 327-339.	2.4	8
11	Instantaneous monitoring of free sarin in whole blood by dry blood spotâ€”thermal desorptionâ€”GCâ€”FPD/MS analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121911.	2.3	7
12	Identification of Gâ€”nerve agents at picogram levels from complex organic samples containing hydrocarbon interferences by aqueous extraction, followed by derivatization and liquid chromatographyâ€”mass spectrometry analysis. Journal of Mass Spectrometry, 2019, 54, 274-280.	1.6	6
13	Highly sensitive retrospective determination of organophosphorous nerve agent biomarkers in human urine implemented in vivo in rabbit. Archives of Toxicology, 2020, 94, 3033-3044.	4.2	6
14	Mass spectrometry-based stable-isotope tracing uncovers metabolic alterations in pyruvate kinase-deficient <i>Aedes aegypti</i> mosquitoes. Insect Biochemistry and Molecular Biology, 2020, 121, 103366.	2.7	5
15	Selective screening for â€œunknownâ€ phosphorous-containing compounds using high-resolution accurate-mass LC-MS. International Journal of Mass Spectrometry, 2021, 462, 116530.	1.5	5
16	Software-Assisted Automated Detection and Identification of â€œUnknownâ€ Analogues: Implementation on V-Type Nerve Agents. Journal of the American Society for Mass Spectrometry, 2022, 33, 1541-1547.	2.8	3
17	Extended retrospective detection of regenerated sarin (GB) in rabbit blood and the IMPA metabolite in urine: a pharmacokinetics study. Archives of Toxicology, 2021, 95, 2403-2412.	4.2	2
18	Enantioselective in-vitro elimination kinetics of nerve agents in blood monitored by derivatization and LCâ€”MS/MS analysis. Archives of Toxicology, 2020, 94, 3751-3757.	4.2	0