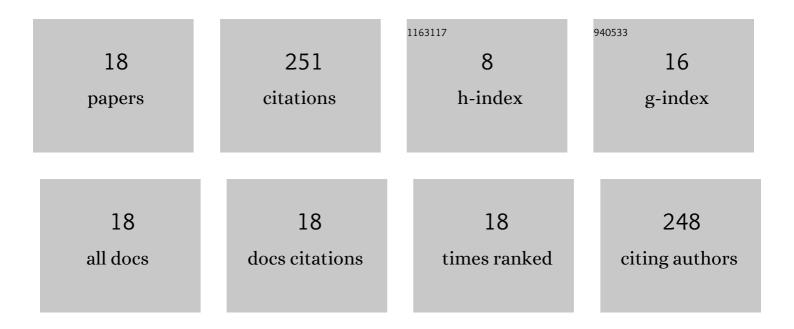
Shai Dagan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Software-Assisted Automated Detection and Identification of "Unknown―Analogues: Implementation on V-Type Nerve Agents. Journal of the American Society for Mass Spectrometry, 2022, 33, 1541-1547.	2.8	3
2	Selective screening for "unknown―phosphorous-containing compounds using high-resolution accurate-mass LC-MS. International Journal of Mass Spectrometry, 2021, 462, 116530.	1.5	5
3	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
4	Unraveling mosquito metabolism with mass spectrometry-based metabolomics. Trends in Parasitology, 2021, 37, 747-761.	3.3	11
5	A multipleâ€method comparative study using GC–MS, AMDIS and inâ€houseâ€built software for the detection and identification of "unknown―volatile organic compounds in breath. Journal of Mass Spectrometry, 2021, 56, e4782.	1.6	9
6	Retrospective determination of regenerated nerve agent sarin in human blood by liquid chromatography–mass spectrometry and in vivo implementation in rabbit. Archives of Toxicology, 2020, 94, 103-111.	4.2	10
7	Instantaneous monitoring of free sarin in whole blood by dry blood spot–thermal desorption–GC–FPD/MS analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121911.	2.3	7
8	Determination of free G-type nerve agents in blood: in situ derivatization on a dried blood spot (DBS) paper followed by LC–MS/MS analysis. Forensic Toxicology, 2020, 38, 327-339.	2.4	8
9	Enantioselective in-vitro elimination kinetics of nerve agents in blood monitored by derivatization and LC–MS/MS analysis. Archives of Toxicology, 2020, 94, 3751-3757.	4.2	0
10	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
11	Mass spectrometry-based stable-isotope tracing uncovers metabolic alterations in pyruvate kinase-deficient Aedes aegypti mosquitoes. Insect Biochemistry and Molecular Biology, 2020, 121, 103366.	2.7	5
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	Oxidationâ€essisted 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
14	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
15	Aqueous extraction followed by derivatization and liquid chromatography–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
16	Determination of trace amounts of G-type nerve agents in aqueous samples utilizing "in vial― instantaneous derivatization and liquid chromatography–tandem mass spectrometry. Journal of Chromatography A, 2017, 1512, 71-77.	3.7	17
17	Interpretation of ESI(+)-MS-MS spectra—Towards the identification of "unknowns― International Journal of Mass Spectrometry, 2011, 299, 158-168.	1.5	64
18	Comparison of gas chromatography–pulsed flame photometric detection–mass spectrometry, automated mass spectral deconvolution and identification system and gas chromatography–tandem mass spectrometry as tools for trace level detection and identification. Journal of Chromatography A, 2000, 868, 229-247.	3.7	57