

# Andrey N Stavrianidi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

320  
citations

11  
h-index

16  
g-index

42  
ext. papers

394  
ext. citations

2.7  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
40	Deep learning for retention time prediction in reversed-phase liquid chromatography.. <i>Journal of Chromatography A</i> , <b>2021</b> , 1664, 462792	4.5	2
39	Quantitative aspects of the hydrolysis of ginseng saponins: Application in HPLC-MS analysis of herbal products. <i>Journal of Ginseng Research</i> , <b>2021</b> , 45, 246-253	5.8	2
38	A novel simple and sensitive approach for determination of 1,1-dimethylhydrazine in aqueous samples by high performance liquid chromatography with ultraviolet and tandem mass spectrometric detection after derivatization with unsubstituted aromatic aldehydes. <i>Chemosphere</i> , <b>2021</b> , 268, 130747	8.4	2
37	Unsupervised methods in LC-MS data treatment: Application for potential chemotaxonomic markers search. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 206, 114382	3.5	0
36	A new PARAFAC-based algorithm for HPLC-MS data treatment: herbal extracts identification. <i>Phytochemical Analysis</i> , <b>2020</b> , 31, 948-956	3.4	3
35	Validation of the HPLC-UV Method for Quantitative Determination of Steroid Sapogenin Diosgenin from Hay Fenugreek Seeds, <i>Trigonella Foenum-graecum</i> L.. <i>Drug Development and Registration</i> , <b>2020</b> , 9, 107-114	0.6	
34	Method Development for Quantitative Determination of Diosgenin from the Seeds of Fenugreek, <i>Trigonella foenum-graecum</i> L.. <i>Drug Development and Registration</i> , <b>2020</b> , 9, 150-156	0.6	
33	Standardization of <i>P. ginseng</i> and <i>P. quinquefolius</i> Root Extracts by HPLC-MS. <i>Inorganic Materials</i> , <b>2020</b> , 56, 1353-1361	0.9	
32	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, 460507	4.5	28
31	New Approaches to the Determination and Group Identification of Physiologically Active Compounds in Plant Materials and Commercial Products by High-Performance Liquid Chromatography/Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , <b>2019</b> , 74, 58-70	1.1	2
30	The comparison of retention behaviour of imidazoline and serotonin receptor ligands in non-aqueous hydrophilic interaction chromatography and supercritical fluid chromatography. <i>Journal of Chromatography A</i> , <b>2019</b> , 1603, 371-379	4.5	1
29	Nerve agent markers screening after accumulation in garden cress ( <i>Lepidium sativum</i> ) used as a model plant object. <i>Journal of Chromatography A</i> , <b>2019</b> , 1597, 214-219	4.5	6
28	Impact of weak water deficit on growth, photosynthetic primary processes and storage processes in pine and spruce seedlings. <i>Photosynthesis Research</i> , <b>2019</b> , 139, 307-323	3.7	9
27	Water deficit-dependent changes in non-structural carbohydrate profiles, growth and mortality of pine and spruce seedlings in hydroculture. <i>Environmental and Experimental Botany</i> , <b>2019</b> , 157, 151-160	5.9	19
26	Binding and Action of Amino Acid Analogs of Chloramphenicol upon the Bacterial Ribosome. <i>Journal of Molecular Biology</i> , <b>2018</b> , 430, 842-852	6.5	28
25	LC-MS determination of steroidal glycosides from <i>Dioscorea deltoidea</i> Wall cell suspension culture: Optimization of pre-LC-MS procedure parameters by Latin Square design. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1080, 64-70	3.2	10
24	Optimization and comparison of different techniques for complete extraction of saponins from <i>T. terrestris</i> . <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , <b>2018</b> , 8, 75-82	2.6	12

23	Structure elucidation of sweet-tasting cycloartane-type saponins from ginseng oolong tea and <i>Abrus precatorius</i> L. leaves. <i>Natural Product Research</i> , <b>2018</b> , 32, 2490-2493	2.3	8
22	Unified strategy for HPLC-MS evaluation of bioactive compounds for quality control of herbal products. <i>Biomedical Chromatography</i> , <b>2018</b> , 32, e4363	1.7	3
21	A novel strategy for isolation and determination of sugars and sugar alcohols from conifers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1092, 138-144	3.2	7
20	Selection of Recording Conditions and Study of Fragmentation of a Peptide Biomarker of Sarin by High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , <b>2018</b> , 73, 1357-1363	1.1	2
19	Application of quantitative analysis of multi-component system approach for determination of ginsenosides in different mass-spectrometric conditions. <i>Journal of Chromatography A</i> , <b>2018</b> , 1574, 82-90	4.5	12
18	Rapid IC-MS/MS determination of methylphosphonic acid in urine of rats exposed to organophosphorus nerve agents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1058, 32-39	3.2	14
17	Quantitative analysis of a multicomponent system for liquid chromatography-mass spectrometry determination of diosgenin, dioscin and protodioscin in plant extracts of <i>Tribulus terrestris</i> . <i>Moscow University Chemistry Bulletin</i> , <b>2017</b> , 72, 135-143	0.5	4
16	Forensic Identification of Dyes in Ballpoint Pen Inks Using LC-ESI-MS/MS. <i>Chromatographia</i> , <b>2017</b> , 80, 1701-1709	0.9	7
15	Novel analytical approaches to determination of chemical warfare agents and related compounds for verification of nonproliferation of chemical weapons. <i>Pure and Applied Chemistry</i> , <b>2017</b> , 89, 1491-1503	2.1	3
14	Combination of HPLC-MS and QAMS as a new analytical approach for determination of saponins in ginseng containing products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 132, 87-92	3.5	21
13	A validated LC-MS/MS method for fast detection of thiodiglycolic acid in aqueous samples. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2016</b> , 96, 436-444	1.8	2
12	Hydrophilic Interaction Liquid Chromatography Tandem Mass Spectrometry Methylphosphonic Acid Determination in Water Samples after Derivatization with p-Bromophenacyl Bromide. <i>Chromatographia</i> , <b>2015</b> , 78, 585-591	2.1	16
11	Dilute-and-shoot-TRSLC-MS-MS method for fast detection of nerve and vesicant chemical warfare agent metabolites in urine. <i>Journal of Analytical Toxicology</i> , <b>2015</b> , 39, 69-74	2.9	17
10	Single-run HPLC/ESI-LITMS profiling of ginsenosides in plant extracts and ginseng based products. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 853-9	1.7	7
9	"Dilute-and-shoot" rapid-separation liquid chromatography tandem mass spectrometry method for fast detection of thiodiglycolic acid in urine. <i>European Journal of Mass Spectrometry</i> , <b>2015</b> , 21, 733-8	1.1	5
8	HPLC-MS/MS determination of biomarkers of <i>P. quinquefolius</i> in plant materials and commercial products. <i>Journal of Analytical Chemistry</i> , <b>2014</b> , 69, 1323-1329	1.1	7
7	Simultaneous determination of ginsenosides by high-performance liquid chromatography with tandem mass spectrometry detection. <i>Journal of Analytical Chemistry</i> , <b>2014</b> , 69, 1252-1258	1.1	4
6	The use of linear ion trap for qualitative analysis of phytochemicals in Korean ginseng tea. <i>Biomedical Chromatography</i> , <b>2013</b> , 27, 765-74	1.7	7

5	Modern methods of identifying and determining ginsenosides. <i>Moscow University Chemistry Bulletin</i> , <b>2013</b> , 68, 127-142	0.5	5
4	A validated LC-MS/MS method for rapid determination of methotrexate in human saliva and its application to an excretion evaluation study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 937, 1-6	3.2	23
3	New Techniques for Nerve Agent Oxidation Products Determination in Environmental Water by High-Performance Liquid Chromatography-Mass Spectrometry (HPLC-MS) and Capillary Electrophoresis (CE) with Direct Ultraviolet (UV) Detection. <i>Environmental Forensics</i> , <b>2013</b> , 14, 87-96	1.6	3
2	Simultaneous determination of salidroside, rosavin, and rosarin in extracts from <i>Rhodiola rosea</i> by high performance liquid chromatography with tandem mass spectrometry detection. <i>Journal of Analytical Chemistry</i> , <b>2012</b> , 67, 1026-1030	1.1	11
1	Lewisite metabolites detection in urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 3788-3796	3.2	8