Igor Rodin

List of Publications by Year
in descending order

26 papers	292 citations	932766 10 h-index	940134 16 g-index
27 all docs	27 docs citations	27 times ranked	367 citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of HPLC–MS and QAMS as a new analytical approach for determination of saponins in ginseng containing products. Journal of Pharmaceutical and Biomedical Analysis, 2017, 132, 87-92.	1.4	31
2	A validated LC–MS/MS method for rapid determination of methotrexate in human saliva and its application to an excretion evaluation study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 937, 1-6.	1.2	26
3	'Dilute-and-Shoot'™ RSLC–MS-MS Method for Fast Detection of Nerve and Vesicant Chemical Warfare Agent Metabolites in Urine. Journal of Analytical Toxicology, 2015, 39, 69-74.	1.7	21
4	Rapid IC–MS/MS determination of methylphosphonic acid in urine of rats exposed to organophosphorus nerve agents. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1058, 32-39.	1.2	21
5	Application of quantitative analysis of multi-component system approach for determination of ginsenosides in different mass-spectrometric conditions. Journal of Chromatography A, 2018, 1574, 82-90.	1.8	19
6	Hydrophilic Interaction Liquid Chromatography Tandem Mass Spectrometry Methylphosphonic Acid Determination in Water Samples after Derivatization with p-Bromophenacyl Bromide. Chromatographia, 2015, 78, 585-591.	0.7	18
7	Effect of electron and X-ray irradiation on microbiological and chemical parameters of chilled turkey. Scientific Reports, 2022, 12, 750.	1.6	18
8	Employing fingerprinting of medicinal plants by means of LC-MS and machine learning for species identification task. Scientific Reports, 2018, 8, 17053.	1.6	17
9	LC-MS determination of steroidal glycosides from Dioscorea deltoidea Wall cell suspension culture: Optimization of pre-LC-MS procedure parameters by Latin Square design. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1080, 64-70.	1.2	13
10	Structure elucidation of sweet-tasting cycloartane-type saponins from ginseng oolong tea and <i>Abrus precatorius</i> L. leaves. Natural Product Research, 2018, 32, 2490-2493.	1.0	12
11	Simultaneous determination of organophosphorus nerve agent markers in urine by IC-MS/MS using anion-exchange solid-phase extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1132, 121815.	1.2	12
12	Forensic Identification of Dyes in Ballpoint Pen Inks Using LC–ESI–MS. Chromatographia, 2017, 80, 1701-1709.	0.7	10
13	Nerve agent markers screening after accumulation in garden cress (Lepidium sativum) used as a model plant object. Journal of Chromatography A, 2019, 1597, 214-219.	1.8	9
14	Monitoring of hydrolysis products of mustard gas, some sesqui- and oxy-mustards and other chemical warfare agents in a plant material by HPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1162, 122452.	1.2	9
15	Lewisite metabolites detection in urine by liquid chromatography–tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3788-3796.	1.2	8
16	Single-run HPLC/ESI-ITMS profiling of ginsenosides in plant extracts and ginseng based products. Biomedical Chromatography, 2015, 29, 853-859.	0.8	8
17	A new PARAFAC-based algorithm for HPLC–MS data treatment: herbal extracts identification. Phytochemical Analysis, 2020, 31, 948-956.	1.2	8
18	"Dilute-and-Shoot" Rapid-Separation Liquid Chromatography Tandem Mass Spectrometry Method for Fast Detection of Thiodiglycolic Acid in Urine. European Journal of Mass Spectrometry, 2015, 21, 733-738.	0.5	6

#	Article	IF	Citations
19	An approach for feature selection with data modelling in LC-MS metabolomics. Analytical Methods, 2020, 12, 3582-3591.	1.3	5
20	Tentative Identification of Etazene (Etodesnitazene) Metabolites in Rat Serum and Urine by Gas Chromatographyâ€"Mass Spectrometry and Accurate Mass Liquid Chromatographyâ€"Mass Spectrometry. Journal of Analytical Toxicology, 2023, 46, 1032-1037.	1.7	5
21	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. Environmental Forensics, 2013, 14, 87-96.	1.3	4
22	Determination of the hydrolysis products of nerve agents in natural waters by liquid chromatographyâ€"mass spectrometry. Journal of Analytical Chemistry, 2015, 70, 1671-1677.	0.4	4
23	Unified strategy for HPLCâ€"MS evaluation of bioactive compounds for quality control of herbal products. Biomedical Chromatography, 2018, 32, e4363.	0.8	4
24	A validated LCâ€"MS/MS method for fast detection of thiodiglycolic acid in aqueous samples. International Journal of Environmental Analytical Chemistry, 2016, 96, 436-444.	1.8	3
25	Synthesis of the Tripeptides Tyr-Thr-Lys Phosphorylated with Isopropyl Methyl- and (Deuteromethyl)phosphonochloridates as Reference Standards for the Analysis of Biomedical Samples. Russian Journal of General Chemistry, 2019, 89, 2103-2107.	0.3	1
26	An application of the standardised reference extract quantification strategy in the quality control of ginseng infusions by liquid chromatography with mass spectrometric detection. Phytochemical Analysis, 2022, , .	1.2	0