

# Svetlana M Momchilova

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

489  
citations

623734

14  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stationary phases for silver ion chromatography of lipids: Preparation and properties. <i>Journal of Separation Science</i> , 2003, 26, 261-270.	2.5	69
2	Regioselective separation of isomeric triacylglycerols by reversed-phase high-performance liquid chromatography: Stationary phase and mobile phase effects. <i>Journal of Separation Science</i> , 2006, 29, 2578-2583.	2.5	63
3	Resolution of triacylglycerol positional isomers by reversed-phase high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2004, 27, 1033-1036.	2.5	47
4	Advances in Silver Ion Chromatography for the Analysis of Fatty Acids and Triacylglycerols—2001 to 2011. <i>Analytical Sciences</i> , 2012, 28, 837-844.	1.6	31
5	Silver Ion High-Performance Liquid Chromatographic Separation of Conjugated Linoleic Acid Isomers, and other Fatty Acids, after Conversion to p-Methoxyphenacyl Derivatives. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 348-352.	1.4	26
6	Fatty acid composition of wild mushroom species of order Agaricales—Examination by gas chromatography—mass spectrometry and chemometrics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 910, 54-60.	2.3	25
7	Ethnobotany, phytochemistry and biological properties of Argan tree ( <i>Argania spinosa</i> (L.) Skeels) (Sapotaceae) - A review. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114528.	4.1	25
8	Lipid Structure of <i>Lallemantia</i> Seed Oil: A Potential Source of Omega-3 and Omega-6 Fatty Acids for Nutritional Supplements. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 1393-1401.	1.9	19
9	Quantitative TLC and Gas Chromatography Determination of the Lipid Composition of Raw and Microwaved Roasted Walnuts, Hazelnuts, and Almonds. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2267-2285.	1.0	18
10	Separation of isomeric octadecenoic fatty acids in partially hydrogenated vegetable oils as p-methoxyphenacyl esters using a single-column silver ion high-performance liquid chromatography (Ag-HPLC). <i>Nature Protocols</i> , 2010, 5, 473-478.	12.0	18
11	Resolution and Quantification of Isomeric Fatty Acids by Silver Ion HPLC: Fatty Acid Composition of Aniseed Oil ( <i>Pimpinella anisum</i> , Apiaceae). <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 4-8.	1.5	18
12	Fatty Acids, Triacylglycerols, and Sterols in Neem Oil ( <i>Azadirachta Indica</i> A. Juss) as Determined by a Combination of Chromatographic and Spectral Techniques. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 11-25.	1.0	17
13	Bioaccessibility of Cd, Cu, Fe, Mn, Pb, and Zn in Hazelnut and Walnut Kernels Investigated by an Enzymolysis Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6086-6091.	5.2	16
14	Preconcentration methods for determination of trace amounts of impurities in high-purity copper salts by atomic absorption spectrometry and inductively coupled plasma atomic emission spectrometry. <i>Analyst</i> , 1992, 117, 1933.	3.5	14
15	Determination of Petroselinic, cis-Vaccenic and Oleic Acids in Some Seed Oils of the Umbelliferae by Silver Ion Thin Layer Chromatography of their Phenacyl Esters. <i>Phytochemical Analysis</i> , 1996, 7, 136-139.	2.4	14
16	Effect of Tween 80 on 9 $\alpha$ -steroid hydroxylating activity and ultrastructural characteristics of <i>Rhodococcus</i> sp. cells. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1009-1014.	3.6	14
17	TLC and GC-MS Probes into the Fatty Acid Composition of some <i>Lycoperdaceae</i> Mushrooms. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2717-2727.	1.0	12
18	Analysis of Conjugated Linoleic Acids as 9-Anthrylmethyl Esters by Reversed-Phase High-Performance Liquid Chromatography with Fluorescence Detection. <i>Journal of Chromatographic Science</i> , 2005, 43, 494-499.	1.4	9

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19	Influence of Gamma Irradiation on Different Phytochemical Constituents of Dried Rose Hip ( <i>Rosa</i> ) Tj ETQq1 1 0.784314 rgBT g/Overloc	3.8	1
20	Quantitative Silver Ion Thin Layer Chromatography of Triacylglycerols from Sunflower Oils Differing in the Level of Linoleic Acid. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 1959-1968.	1.0	8
21	Facile preparation of novel antioxidant fibrous material based on natural plant extract from <i>Portulaca oleracea</i> and PLA by electrospinning for biomedical applications. <i>Polymer International</i> , 0, , .	3.1	5
22	Regio- and Stereospecific Analysis of Triacylglycerolsâ€”A Brief Overview of the Challenges and the Achievements. <i>Symmetry</i> , 2022, 14, 247.	2.2	4
23	Walnut Oil - Unexplored Raw Material for Lipase-Catalyzed Synthesis of Low-Calorie Structured Lipids for Clinical Nutrition. <i>Journal of Food Biochemistry</i> , 2015, 39, 603-611.	2.9	3
24	Cyclohexanediol Fatty Acid Diesters as Model Compounds for Mechanistic Studies in Silver Ion High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 1905-1912.	1.0	2
25	TLC of Lipids. <i>Chromatographic Science</i> , 2008, , .	0.1	1
26	Enhanced cell surface hydrophobicity favors the 9 $\alpha$ -hydroxylation of androstenedione by resting <i>Rhodococcus</i> sp. cells. <i>Engineering in Life Sciences</i> , 2018, 18, 949-954.	3.6	1