# Svetlana M Momchilova

List of Publications by Year
in descending order



| 26 | 489 | 623734 14 | 677142 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 27 | 27 | 27 | 481 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regio- and Stereospecific Analysis of Triacylglycerolsâ€"A Brief Overview of the Challenges and the Achievements. Symmetry, 2022, 14, 247. | 2.2 | 4 |
| 2 | Influence of Gamma Irradiation on Different Phytochemical Constituents of Dried Rose Hip (Rosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 3.8 | 9 |
| 3 | Ethnobotany, phytochemistry and biological properties of Argan tree (Argania spinosa (L.) Skeels) (Sapotaceae) - A review. Journal of Ethnopharmacology, 2021, 281, 114528. | 4.1 | 25 |
| 4 | Enhanced cell surface hydrophobicity favors the 9Î±â€hydroxylation of androstenedione by resting Rhodococcus sp. cells. Engineering in Life Sciences, 2018, 18, 949-954. | 3.6 | 1 |
| 5 | Walnut Oil - Unexplored Raw Material for Lipase-Catalyzed Synthesis of Low-Calorie Structured Lipids for Clinical Nutrition. Journal of Food Biochemistry, 2015, 39, 603-611. | 2.9 | 3 |
| 6 | Bioaccessibility of Cd, Cu, Fe, Mn, Pb, and Zn in Hazelnut and Walnut Kernels Investigated by an Enzymolysis Approach. Journal of Agricultural and Food Chemistry, 2013, 61, 6086-6091. | 5.2 | 16 |
| 7 | Advances in Silver Ion Chromatography for the Analysis of Fatty Acids and Triacylglycerolsâ€"2001 to 2011. Analytical Sciences, 2012, 28, 837-844. | 1.6 | 31 |
| 8 | Fatty acid composition of wild mushroom species of order Agaricalesâ€"Examination by gas chromatographyâ€"mass spectrometry and chemometrics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 910, 54-60. | 2.3 | 25 |
| 9 | Lipid Structure of Lallemantia Seed Oil: A Potential Source of Omegaâ€3 and Omegaâ€6 Fatty Acids for Nutritional Supplements. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 1393-1401. | 1.9 | 19 |
| 10 | Resolution and Quantification of Isomeric Fatty Acids by Silver Ion HPLC: Fatty Acid Composition of Aniseed Oil (Pimpinella anisum, Apiaceae). Journal of AOAC INTERNATIONAL, 2011, 94, 4-8. | 1.5 | 18 |
| 11 | Effect of Tween 80 on 9Î±-steroid hydroxylating activity and ultrastructural characteristics of Rhodococcus sp. cells. World Journal of Microbiology and Biotechnology, 2010, 26, 1009-1014. | 3.6 | 14 |
| 12 | 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). Nature Protocols, 2010, 5, 473-478. | 12.0 | 18 |
| 13 | Quantitative Silver Ion Thin Layer Chromatography of Triacylglycerols from Sunflower Oils Differing in the Level of Linoleic Acid. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 1959-1968. | 1.0 | 8 |
| 14 | TLC of Lipids. Chromatographic Science, 2008, , . | 0.1 | 1 |
| 15 | TLC and GCâ€MS Probes into the Fatty Acid Composition of some Lycoperdaceae Mushrooms. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2717-2727. | 1.0 | 12 |
| 16 | Quantitative TLC and Gas Chromatography Determination of the Lipid Composition of Raw and Microwaved Roasted Walnuts, Hazelnuts, and Almonds. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2267-2285. | 1.0 | 18 |
| 17 | Fatty Acids, Triacylglycerols, and Sterols in Neem Oil (Azadirachta Indica A. Juss) as Determined by a Combination of Chromatographic and Spectral Techniques. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 11-25. | 1.0 | 17 |
| 18 | Regioselective separation of isomeric triacylglycerols by reversed-phase high-performance liquid chromatography: Stationary phase and mobile phase effects. Journal of Separation Science, 2006, 29, 2578-2583. | 2.5 | 63 |

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|---|---|---|---|
| 19 | Analysis of Conjugated Linoleic Acids as 9-Anthrylmethyl Esters by Reversed-Phase High-Performance Liquid Chromatography with Fluorescence Detection. Journal of Chromatographic Science, 2005, 43, 494-499. | 1.4 | 9 |
| 20 | Resolution of triacylglycerol positional isomers by reversed-phase high-performance liquid chromatography. Journal of Separation Science, 2004, 27, 1033-1036. | 2.5 | 47 |
| 21 | Stationary phases for silver ion chromatography of lipids: Preparation and properties. Journal of Separation Science, 2003, 26, 261-270. | 2.5 | 69 |
| 22 | Cyclohexanediol Fatty Acid Diesters as Model Compounds for Mechanistic Studies in Silver Ion High Performance Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 2003, 26, 1905-1912. | 1.0 | 2 |
| 23 | Silver Ion High-Performance Liquid Chromatographic Separation of Conjugated Linoleic Acid Isomers, and other Fatty Acids, after Conversion top-Methoxyphenacyl Derivatives. Journal of High Resolution Chromatography, 2000, 23, 348-352. | 1.4 | 26 |
| 24 | 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. Phytochemical Analysis, 1996, 7, 136-139. | 2.4 | 14 |
| 25 | 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. Analyst, The, 1992, 117, 1933. | 3.5 | 14 |
| 26 | Facile preparation of novel antioxidant fibrous material based on natural plant extract from Portulaca oleracea and PLA by electrospinning for biomedical applications. Polymer International, 0, , . | 3.1 | 5 |