

Svetlana A Appolonova

List of Publications by Year in descending order

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38
papers

294
citations

933447
10
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42
all docs

42
docs citations

42
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Short- and long-term exposures of the synthetic cannabinoid 5F-APINAC induce metabolomic alterations associated with neurotransmitter systems and embryotoxicity confirmed by teratogenicity in zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 243, 109000.	2.6	7
2	Short- and medium-term exposures of diazepam induce metabolomic alterations associated with the serotonergic, dopaminergic, adrenergic and aspartic acid neurotransmitter systems in zebrafish (<i>Danio rerio</i>) embryos/larvae. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100816.	1.0	11
3	Pharmacokinetic Properties of the Novel Synthetic Cannabinoid 5F-APINAC and Its Influence on Metabolites Associated with Neurotransmission in Rabbit Plasma. <i>Pharmaceuticals</i> , 2021, 14, 668.	3.8	3
4	In vivo and in vitro metabolism of the novel synthetic cannabinoid 5F-APINAC. <i>Forensic Toxicology</i> , 2020, 38, 160-171.	2.4	3
5	Total antioxidant capacity of edible plants commonly found in East Asia and the Middle East determined by an amperometric method. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 809-817.	3.2	5
6	Determination of the immunostimulatory drug "glucosaminyl-muramyl dipeptide" in human plasma using HPLC-MS/MS and its application to a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2020, 34, e4948.	1.7	1
7	Application of 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate derivatization for enhanced peptide mapping analysis of non-biological complex drug glatiramer acetate using liquid chromatography/electrospray ionization collision-induced dissociation high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8748.	1.5	1
8	A simple and robust method for broad range screening of hair samples for drugs of abuse using a high-throughput UHPLC-Ion Trap MS instrument. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1152, 122263.	2.3	12
9	In Vivo Targeted Metabolomic Profiling of Prostanit, a Novel Anti-PAD NO-Donating Alprostadil-Based Drug. <i>Molecules</i> , 2020, 25, 5896.	3.8	2
10	Plasma metabolomic profile in prostatic intraepithelial neoplasia and prostate cancer and associations with the prostate-specific antigen and the Gleason score. <i>Metabolomics</i> , 2020, 16, 74.	3.0	9
11	Plasma Sarcosine Measured by Gas Chromatography-Mass Spectrometry Distinguishes Prostatic Intraepithelial Neoplasia and Prostate Cancer from Benign Prostate Hyperplasia. <i>Laboratory Medicine</i> , 2020, 51, 566-573.	1.2	13
12	Determination of the chemical composition of alcoholic beverages by gas chromatography-mass spectrometry. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14676.	2.0	5
13	Potential of the zebrafish model for the forensic toxicology screening of NPS: A comparative study of the effects of APINAC and methiopropamine on the behavior of zebrafish larvae and mice. <i>NeuroToxicology</i> , 2020, 78, 36-46.	3.0	9
14	Relationship between the plasma acylcarnitine profile and cardiometabolic risk factors in adults diagnosed with cardiovascular diseases. <i>Clinica Chimica Acta</i> , 2020, 507, 250-256.	1.1	22
15	"Positive" urine testing for Cannabis is associated with increased risk of traffic crashes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 71-74.	2.8	16
16	Characterization and Detection of Erythropoietin Fc Fusion Proteins Using Liquid Chromatography-Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 689-697.	3.7	5
17	Rabbit plasma metabolomic analysis of Nitroproston®: a multi target natural prostaglandin based-drug. <i>Metabolomics</i> , 2018, 14, 112.	3.0	5
18	LC-MS/MS Identification and Structural Characterization of Main Biodegradation Products of Nitroproston - A Novel Prostaglandin-based Pharmaceutical Compound. <i>Drug Metabolism Letters</i> , 2018, 12, 54-61.	0.8	3

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19	HPLC-MS/MS method for the simultaneous quantification of desmethylmebeverine acid, mebeverine acid and mebeverine alcohol in human plasma along with its application to a pharmacokinetics study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 118-125.	2.8	11
20	In vivo metabolism of the new synthetic cannabinoid APINAC in rats by GC-MS and LC-QTOF-MS. <i>Forensic Toxicology</i> , 2017, 35, 359-368.	2.4	13
21	Synthesis and structure of 2: 1 adduct of myrcene and 1,4-benzoquinone. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1842-1844.	0.8	0
22	Liquid chromatography electrospray ionization tandem mass spectrometry for the detection of mesocarb abuse in horse doping. <i>Drug Testing and Analysis</i> , 2011, 3, 717-723.	2.6	1
23	1-Methylcycloprop-2-ene-1-carbonitrile in tandem alder-ene and diels-alder reactions. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 49-53.	0.8	5
24	The potential use of complex derivatization procedures in comprehensive HPLC-MS/MS detection of anabolic steroids. <i>Drug Testing and Analysis</i> , 2010, 2, 475-488.	2.6	12
25	Molecular-biological problems of drug design and mechanism of drug action. <i>Pharmaceutical Chemistry Journal</i> , 2010, 44, 167-170.	0.8	0
26	Identification of endogenous and exogenous glucocorticoids by HPLC-MS in human urine. <i>Pharmaceutical Chemistry Journal</i> , 2010, 44, 328-333.	0.8	2
27	Metabolism and pharmacokinetics of nibentan in human blood plasma. <i>Pharmaceutical Chemistry Journal</i> , 2010, 44, 341-344.	0.8	0
28	Matrix effect on the determination of synthetic corticosteroids and diuretics by liquid chromatography-tandem mass spectrometry. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 513-519.	0.6	5
29	HPLC-MS/MS investigation of biochemical markers for the disclosure of erythropoietin abuse in sports. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 520-529.	0.6	5
30	Simultaneous determination of a broad spectrum of nonconjugated xenobiotics by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Chemistry</i> , 2009, 64, 832-842.	0.9	8
31	Tetramerization of 3-Methyl-cyclopropene-3-carbonitrile: A Novel CN-Alder-ene Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 5985-5988.	3.2	13
32	Possible Indirect Detection of rHuEPO Administration in Human Urine by High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 201-209.	1.0	16
33	Alder-Ene Reaction of 3-Methyl-3-Cyanocyclopropene with Monoterpenes. <i>Letters in Organic Chemistry</i> , 2006, 3, 670-673.	0.5	5
34	3-Methylcyclopropene-3-carbonitrile as a new enophile of the Alder-ene reaction. <i>Mendeleev Communications</i> , 2006, 16, 276-278.	1.6	7
35	Diels-Alder modification of monoterpenes and Alder-ene synthesis involving 3-methyl-3-cyanocyclopropene. <i>Chemistry of Natural Compounds</i> , 2006, 42, 434-438.	0.8	5
36	Validation of Liquid Chromatography-Electrospray Ionization Ion Trap Mass Spectrometry Method for the Determination of Mesocarb in Human Plasma and Urine. <i>Journal of Chromatographic Science</i> , 2005, 43, 11-21.	1.4	12

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37	Liquid chromatography–electrospray ionization ion trap mass spectrometry for analysis of mesocarb and its metabolites in human urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 800, 281-289.	2.3	35
38	Theoretical study of bimolecular elimination (E2) reactions. Possibility of syn E2 elimination in the series of 2-R-2-R'-1-halocyclopropanes. Russian Chemical Bulletin, 1995, 44, 599-602.	1.5	1