

Vladimír Šetník

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

816
citations

471371
17
h-index

580701
25
g-index

42
all docs

42
docs citations

42
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural spectroscopic study of enantiomerically pure synthetic cathinones and their major metabolites. <i>New Journal of Chemistry</i> , 2021, 45, 850-860.	1.4	10
2	Early Detection of Pancreatic Cancer in Type 2 Diabetes Mellitus Patients Based on ¹ H NMR Metabolomics. <i>Journal of Proteome Research</i> , 2021, 20, 1744-1753.	1.8	14
3	Structural analysis of MDMA in solution by methods of chiroptical spectroscopy supported by DFT calculations. <i>Vibrational Spectroscopy</i> , 2021, 114, 103255.	1.2	2
4	Comparison of genuine, generic and counterfeit Cialis tablets using vibrational spectroscopy and statistical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114383.	1.4	4
5	Ecstasy tablets: Rapid identification and determination of enantiomeric excess of MDMA. <i>Forensic Chemistry</i> , 2021, 26, 100381.	1.7	4
6	Complexation of cathinones by 4-tert-butylcalix[4]arene tetra-acetate as a possible technique for forensic analysis. <i>Forensic Toxicology</i> , 2020, 38, 70-78.	1.4	6
7	Structure of heroin in a solution revealed by chiroptical spectroscopy. <i>Chirality</i> , 2020, 32, 854-865.	1.3	7
8	Methylone and pentylone: structural analysis of new psychoactive substances. <i>Forensic Toxicology</i> , 2019, 37, 366-377.	1.4	19
9	Blood-based molecular signature of Alzheimer's disease via spectroscopy and metabolomics. <i>Clinical Biochemistry</i> , 2019, 72, 58-63.	0.8	20
10	Search for biomarkers of Alzheimer's disease: Recent insights, current challenges and future prospects. <i>Clinical Biochemistry</i> , 2019, 72, 39-51.	0.8	17
11	Plasma amyloid beta levels and platelet mitochondrial respiration in patients with Alzheimer's disease. <i>Clinical Biochemistry</i> , 2019, 72, 71-80.	0.8	23
12	Chiroptical spectroscopy and metabolomics for blood-based sensing of pancreatic cancer. <i>Chirality</i> , 2018, 30, 581-591.	1.3	19
13	Chiroptical and vibrational spectroscopic study of genuine and counterfeit medicines containing tadalafil. <i>Chirality</i> , 2018, 30, 560-567.	1.3	4
14	Electronic circular dichroism for the detection of microalbuminuria. <i>Chirality</i> , 2018, 30, 576-580.	1.3	2
15	Structure determination of butylone as a new psychoactive substance using chiroptical and vibrational spectroscopies. <i>Chirality</i> , 2018, 30, 548-559.	1.3	16
16	Synthesis, absolute configuration and <i>in vitro</i> cytotoxicity of deschloroketamine enantiomers: rediscovered and abused dissociative anaesthetic. <i>New Journal of Chemistry</i> , 2018, 42, 19360-19368.	1.4	14
17	Chiroptical Spectroscopy of Biofluids. , 2018, , 429-465.		4
18	Diagnosis of pancreatic cancer <i>via</i> ¹ H NMR metabolomics of human plasma. <i>Analyst</i> , 2018, 143, 5974-5978.	1.7	23

#	ARTICLE	IF	CITATIONS
37	Conformational Flexibility of Corey Lactone Derivatives Indicated by Absorption and Vibrational Circular Dichroism Spectra. <i>Journal of Organic Chemistry</i> , 2004, 69, 26-32.	1.7	9
38	(3R,4S)-4-(4-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine: Conformation and Structure Monitoring by Vibrational Circular Dichroism. <i>Journal of Organic Chemistry</i> , 2002, 67, 161-168.	1.7	35
39	Interactions of cyclodextrins with aromatic compounds studied by vibrational circular dichroism spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 2983-2989.	2.0	20
40	Noncovalent interactions of peptides with porphyrins in aqueous solution: Conformational study using vibrational CD spectroscopy. <i>Biopolymers</i> , 2001, 60, 307-316.	1.2	45
41	Vibrational circular dichroism of tetraphenylporphyrin in peptide complexes? A computational study. , 2000, 12, 191-198.		51
42	Measurements of concentration dependence and enantiomeric purity of terpene solutions as a test of a new commercial VCD spectrometer. , 2000, 12, 199-203.		80