

Vadim Shevyrin

List of Publications by Year in descending order

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papers

547
citations

687363

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all docs

44
docs citations

44
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and analytical characteristics of synthetic cannabinoids with an indazole-3-carboxamide structure bearing a N-1-methoxycarbonylalkyl group. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6301-6315.	3.7	58
2	DARK Classics in Chemical Neuroscience: Arecoline. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2176-2185.	3.5	52
3	DARK Classics in Chemical Neuroscience: Atropine, Scopolamine, and Other Anticholinergic Deliriant Hallucinogens. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2144-2159.	3.5	47
4	Analytical characterization of some synthetic cannabinoids, derivatives of indole-3-carboxylic acid. <i>Forensic Science International</i> , 2013, 232, 1-10.	2.2	43
5	Synthetic cannabinoids as designer drugs: New representatives of indol-3-carboxylates series and indazole-3-carboxylates as novel group of cannabinoids. Identification and analytical data. <i>Forensic Science International</i> , 2014, 244, 263-275.	2.2	37
6	Identification and analytical properties of new synthetic cannabimimetics bearing 2,2,3,3-tetramethylcyclopropanecarbonyl moiety. <i>Forensic Science International</i> , 2013, 226, 62-73.	2.2	36
7	On a New Cannabinoid Classification System: A Sight on the Illegal Market of Novel Psychoactive Substances. <i>Cannabis and Cannabinoid Research</i> , 2016, 1, 186-194.	2.9	30
8	Synthetic cannabinoid 3-benzyl-5-[1-(2-pyrrolidin-1-ylethyl)-1H-indol-3-yl]-1,2,4-oxadiazole. The first detection in illicit market of new psychoactive substances. <i>Forensic Science International</i> , 2016, 259, 95-100.	2.2	21
9	3-Naphthoylindazoles and 2-naphthoylbenzoimidazoles as novel chemical groups of synthetic cannabinoids: Chemical structure elucidation, analytical characteristics and identification of the first representatives in smoke mixtures. <i>Forensic Science International</i> , 2014, 242, 72-80.	2.2	18
10	Cannabinoids: structures, effects, and classification. <i>Russian Chemical Bulletin</i> , 2015, 64, 1249-1266.	1.5	18
11	Serotonin 2A Receptor (5-HT _{2A}) Activation by 25H-NBOMe Positional Isomers: <i>In Vitro</i> Functional Evaluation and Molecular Docking. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 479-487.	4.9	17
12	DARK Classics in Chemical Neuroscience: Î±-Pyrrolidinovalerophenone (â€œFlakkaâ€). <i>ACS Chemical Neuroscience</i> , 2019, 10, 168-174.	3.5	16
13	Effects of a non-competitive N-methyl-d-aspartate (NMDA) antagonist, tiletamine, in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2017, 59, 62-67.	2.4	14
14	DARK Classics in Chemical Neuroscience: Kava. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3893-3904.	3.5	14
15	When fish take a bath: Psychopharmacological characterization of the effects of a synthetic cathinone bath salt â€œflakkaâ€™ on adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2019, 73, 15-21.	2.4	11
16	Mass spectrometric properties of <i>N</i> -(2-methoxybenzyl)-2-(2,4,6-trimethoxyphenyl)ethanamine (2,4,6-TMPEA-NBOMe), a new representative of designer drugs of NBOMe series and derivatives thereof. <i>Journal of Mass Spectrometry</i> , 2016, 51, 969-979.	1.6	10
17	Synthesis and determination of analytical characteristics and differentiation of positional isomers in the series of <i>N</i> -(2-methoxybenzyl)-2-(dimethoxyphenyl)ethanamine using chromatographyâ€“mass spectrometry. <i>Drug Testing and Analysis</i> , 2020, 12, 1154-1170.	2.6	10
18	Antioxidant and Cytotoxic Activities of Kudzu Roots and Soy Molasses against Pediatric Tumors and Phytochemical Analysis of Isoflavones Using HPLC-DAD-ESI-HRMS. <i>Plants</i> , 2022, 11, 741.	3.5	9

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19	Water-soluble luminescent lanthanide complexes based on C6-DTTA-appended 5-aryl-2,2'-bipyridines. <i>Polyhedron</i> , 2020, 181, 114473.	2.2	8
20	Stable Isotope-Labeled Azoloazines. Synthesis of a $^{13}\text{D}_1$ and ^{15}N Isotope-Enriched Derivative of Pyrazolo[5,1-c][1,2,4]Triazine – Potential Antidiabetic Agent. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 856-860.	1.2	7
21	New Synthetic Cannabinoid – Methyl 2-[[1-(5-Fluoro-Pentyl)-3-Methyl-1H-Indol-3-Ylcarbonyl]-Amino]Butyrate – as a Designer Drug. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 583-586.	1.2	6
22	Identification and analytical characterization of the synthetic cathinone <i>N</i> -butylhexedrone. <i>Drug Testing and Analysis</i> , 2020, 12, 159-163.	2.6	6
23	Tentative identification of the phase I and II metabolites of two synthetic cathinones, MDPHP and Δ^9 -THC, in human urine. <i>Drug Testing and Analysis</i> , 2020, 12, 1442-1451.	2.6	6
24	Synthesis and Functional Characterization of 2-(2,5-Dimethoxyphenyl)- <i>N</i> -(2-fluorobenzyl)ethanamine (25H-NBF) Positional Isomers. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1667-1673.	3.5	6
25	N,O-bidentate ligands-based salicylic spioborates: A bright frontier of bioimaging. <i>Dyes and Pigments</i> , 2022, 200, 110165.	3.7	6
26	Tentative identification of the metabolites of (1-(cyclohexylmethyl)- <i>N</i> -indol-3-yl)-(2,2,3,3-tetramethylcyclopropyl)methanone, and the product of its thermal degradation, by in vitro and in vivo methods. <i>Drug Testing and Analysis</i> , 2019, 11, 1387-1402.	2.0	5
27	Psychopharmacological characterization of an emerging drug of abuse, a synthetic opioid U-47700, in adult zebrafish. <i>Brain Research Bulletin</i> , 2021, 167, 48-55.	3.0	5
28	Distinguishing of Δ^9 -THC and Δ^8 -THC: Solution of the problem. <i>Journal of Mass Spectrometry</i> , 2017, 52, 633-637.	1.6	4
29	Highly-luminescent DTTA-appended lanthanide complexes of 4-(multi)fluoroaryl-2,2'-bipyridines: Synthesis and photophysical studies. <i>Polyhedron</i> , 2021, 195, 114962.	2.2	4
30	Acute behavioral and Neurochemical Effects of Novel <i>N</i> -Benzyl-2-Phenylethylamine Derivatives in Adult Zebrafish. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1902-1922.	3.5	4
31	Synthesis and transformations of 2-amino-1,3,4-thiadiazines. <i>Chemistry of Heterocyclic Compounds</i> , 1991, 27, 442-446.	1.2	3
32	Anomalous rearrangement of 1,2,3-thiadiazoles to 1,2,3-triazoles. <i>Chemistry of Heterocyclic Compounds</i> , 1993, 29, 724-729.	1.2	3
33	Neutral Lanthanide Complexes of 3-Aryl-6-(quinolin-2-yl)picolinic Acids: Synthesis and Photophysical Studies. <i>ChemistrySelect</i> , 2020, 5, 9210-9213.	1.5	2
34	Synthesis and Luminescent Properties of Functionalized Bipyridyl Based Eu Complexes. <i>ChemistrySelect</i> , 2020, 5, 9180-9183.	1.5	2
35	Photophysics, photochemistry and bioimaging application of 8-azapurine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9880-9896.	2.8	2
36	Potential of chromatography and mass spectrometry for the differentiation of three series of positional isomers of 2-(dimethoxyphenyl)- <i>N</i> -(2-halogenobenzyl)ethanamines. <i>Drug Testing and Analysis</i> , 2022, 14, 1102-1115.	2.6	2

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37	Selective Synthesis of Azoloyl <i><i>NH</i></i> -1,2,3-Triazoles and Azolyl Diazoketones: Experimental and Computational Insights. ACS Omega, 2022, 7, 5008-5031.	3.5	2
38	Bromination of 2-thiazolylhydrazones. Chemistry of Heterocyclic Compounds, 1993, 29, 226-230.	1.2	1
39	Development and Validation of a Gas Chromatographic Method for Quantitative Determination of the Active Ingredient in Phenyl Salicylate Drug Substance. Pharmaceutical Chemistry Journal, 2020, 54, 73-78.	0.8	1
40	Elucidation of the Chemical Structure of a Gas Chromatographic Artifact of Synthetic Cannabinoid N-(1-Carbamoyl-2-Methylpropyl)-1-(Cyclohexylmethyl)-1H-Indazol-3-Carboxamide by High-Resolution Mass Spectrometry. Journal of Analytical Chemistry, 2017, 72, 1340-1344.	0.9	0