

Vladimir Kuback

List of Publications by Year in descending order

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papers

434
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687335

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#	ARTICLE	IF	CITATIONS
1	Biotransformation of benzimidazole anthelmintics in reed (<i>Phragmites australis</i>) as a potential tool for their detoxification in environment. <i>Bioresource Technology</i> , 2013, 144, 216-224.	9.6	43
2	The inhibitory effects of $\hat{1}^2$ -caryophyllene, $\hat{1}^2$ -caryophyllene oxide and $\hat{1}\pm$ -humulene on the activities of the main drug-metabolizing enzymes in rat and human liver in vitro. <i>Chemico-Biological Interactions</i> , 2017, 278, 123-128.	4.0	42
3	Substituted N-Benzylpyrazine-2-carboxamides: Synthesis and Biological Evaluation. <i>Molecules</i> , 2012, 17, 13183-13198.	3.8	31
4	The metabolism of flubendazole and the activities of selected biotransformation enzymes in <i>Haemonchus contortus</i> strains susceptible and resistant to anthelmintics. <i>Parasitology</i> , 2012, 139, 1309-1316.	1.5	28
5	Synthesis, Antimycobacterial Activity and In Vitro Cytotoxicity of 5-Chloro-N-phenylpyrazine-2-carboxamides. <i>Molecules</i> , 2013, 18, 14807-14825.	3.8	26
6	Synthesis and antimycobacterial evaluation of N-substituted 5-chloropyrazine-2-carboxamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3589-3591.	2.2	22
7	Alkylamino derivatives of pyrazinamide: Synthesis and antimycobacterial evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 450-453.	2.2	22
8	Synthesis and antimycobacterial evaluation of pyrazinamide derivatives with benzylamino substitution. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 476-479.	2.2	18
9	Sensitive chiral high-performance liquid chromatographic determination of anthelmintic flubendazole and its phase I metabolites in blood plasma using UV photodiode-array and fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 89-96.	2.3	16
10	Interactions with selected drug renal transporters and transporter-mediated cytotoxicity in antiviral agents from the group of acyclic nucleoside phosphonates. <i>Toxicology</i> , 2013, 311, 135-146.	4.2	16
11	Synthesis and Biological Evaluation of N-Alkyl-3-(alkylamino)-pyrazine-2-carboxamides. <i>Molecules</i> , 2015, 20, 8687-8711.	3.8	15
12	Synthesis of Novel Pyrazinamide Derivatives Based on 3-Chloropyrazine-2-carboxamide and Their Antimicrobial Evaluation. <i>Molecules</i> , 2017, 22, 223.	3.8	14
13	N-Substituted 5-Amino-6-methylpyrazine-2,3-dicarbonitriles: Microwave-Assisted Synthesis and Biological Properties. <i>Molecules</i> , 2014, 19, 651-671.	3.8	13
14	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm <i>Moniezia expansa</i> . <i>Parasitology</i> , 2015, 142, 648-659.	1.5	13
15	The activity of drug-metabolizing enzymes and the biotransformation of selected anthelmintics in the model tapeworm <i>Hymenolepis diminuta</i> . <i>Parasitology</i> , 2012, 139, 809-818.	1.5	11
16	Alkylamino derivatives of N-benzylpyrazine-2-carboxamide: synthesis and antimycobacterial evaluation. <i>MedChemComm</i> , 2015, 6, 1311-1317.	3.4	11
17	Study of the interaction phenomena of cetyl-trimethyl-ammonium bromide, cetylpyridinium chloride and benzethonium chloride with C. I. Acid Orange 52 and picric acid by two spectral methods. <i>Dyes and Pigments</i> , 2006, 68, 183-189.	3.7	10
18	Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2015, 227, 63-68.	4.0	10

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19	Nerolidol and Farnesol Inhibit Some Cytochrome P450 Activities but Did Not Affect Other Xenobiotic-Metabolizing Enzymes in Rat and Human Hepatic Subcellular Fractions. <i>Molecules</i> , 2017, 22, 509.	3.8	10
20	Derivatives of 3-Aminopyrazine-2-carboxamides: Synthesis, Antimicrobial Evaluation, and in Vitro Cytotoxicity. <i>Molecules</i> , 2019, 24, 1212.	3.8	9
21	3-Substituted N-Benzylpyrazine-2-carboxamide Derivatives: Synthesis, Antimycobacterial and Antibacterial Evaluation. <i>Molecules</i> , 2017, 22, 495.	3.8	8
22	Substituted N-(Pyrazin-2-yl)benzenesulfonamides; Synthesis, Anti-Infective Evaluation, Cytotoxicity, and In Silico Studies. <i>Molecules</i> , 2020, 25, 138.	3.8	8
23	Import and efflux of flubendazole in <i>Haemonchus contortus</i> strains susceptible and resistant to anthelmintics. <i>Veterinary Parasitology</i> , 2012, 187, 473-479.	1.8	6
24	New Potentially Active Pyrazinamide Derivatives Synthesized Under Microwave Conditions. <i>Molecules</i> , 2014, 19, 9318-9338.	3.8	6
25	Carbonyl Reduction of Flubendazole in the Human Liver: Strict Stereospecificity, Sex Difference, Low Risk of Drug Interactions. <i>Frontiers in Pharmacology</i> , 2019, 10, 600.	3.5	6
26	N-Pyrazinoyl Substituted Amino Acids as Potential Antimycobacterial Agents—the Synthesis and Biological Evaluation of Enantiomers. <i>Molecules</i> , 2020, 25, 1518.	3.8	5
27	Determination of Low Contents of Fenpiverine Bromide by Extraction Spectrophotometry. <i>Mikrochimica Acta</i> , 2003, 142, 273-276.	5.0	3
28	LC with Fluorimetric Detection for Sensitive Analysis of Reduced Flubendazole in Biological Samples. <i>Chromatographia</i> , 2008, 68, 865-867.	1.3	3
29	Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics In Vitro. <i>The Open Veterinary Science Journal</i> , 2008, 2, 23-32.	0.7	3
30	Effect of Flubendazole on Biotransformation Enzymes Activities in <i>Haemonchus contortus</i> . <i>The Open Parasitology Journal</i> , 2010, 4, 24-28.	1.7	3
31	Activities of biotransformation enzymes and flubendazole metabolism in lambs (<i>Ovis aries</i>): effect of gender and flubendazole therapy. <i>Pharmacological Reports</i> , 2010, 62, 362-373.	3.3	1
32	Direct Amination of Nitroquinoline Derivatives via Nucleophilic Displacement of Aromatic Hydrogen. <i>Molecules</i> , 2021, 26, 1857.	3.8	1
33	Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics In Vitro. <i>The Open Veterinary Science Journal</i> , 2008, 2, 23-32.	0.7	1