

Ivan Vokáč

List of Publications by Year in descending order

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papers

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516561

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docs citations

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times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. Trends in Parasitology, 2016, 32, 481-491.	1.5	63
2	Xenobiotic-metabolizing enzymes in plants and their role in uptake and biotransformation of veterinary drugs in the environment. Drug Metabolism Reviews, 2015, 47, 374-87.	1.5	50
3	Biotransformation of benzimidazole anthelmintics in reed (Phragmites australis) as a potential tool for their detoxification in environment. Bioresource Technology, 2013, 144, 216-224.	4.8	43
4	Ivermectin environmental impact: Excretion profile in sheep and phytotoxic effect in Sinapis alba. Ecotoxicology and Environmental Safety, 2019, 169, 944-949.	2.9	42
5	Biotransformation of albendazole and activities of selected detoxification enzymes in Haemonchus contortus strains susceptible and resistant to anthelmintics. Veterinary Parasitology, 2013, 196, 373-381.	0.7	35
6	Variations in the chemical profile and biological activities of licorice (Glycyrrhiza glabra L.), as influenced by harvest times. Acta Physiologiae Plantarum, 2013, 35, 1337-1349.	1.0	33
7	Metabolism of albendazole, ricobendazole and flubendazole in Haemonchus contortus adults: Sex differences, resistance-related differences and the identification of new metabolites. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 50-58.	1.4	29
8	The metabolism of flubendazole and the activities of selected biotransformation enzymes in Haemonchus contortus strains susceptible and resistant to anthelmintics. Parasitology, 2012, 139, 1309-1316.	0.7	28
9	Albendazole in environment: faecal concentrations in lambs and impact on lower development stages of helminths and seed germination. Environmental Science and Pollution Research, 2016, 23, 13015-13022.	2.7	28
10	UDP-glycosyltransferase family in Haemonchus contortus: Phylogenetic analysis, constitutive expression, sex-differences and resistance-related differences. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 420-429.	1.4	28
11	Biotransformation of flubendazole and fenbendazole and their effects in the ribwort plantain (Plantago lanceolata). Ecotoxicology and Environmental Safety, 2018, 147, 681-687.	2.9	23
12	Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 1705-1712.	1.9	22
13	Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite (Haemonchus) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	1.6	22
14	Anti-HIV and Anti-Hepatitis C Virus Drugs Inhibit P-Glycoprotein Efflux Activity in Caco-2 Cells and Precision-Cut Rat and Human Intestinal Slices. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	21
15	The metabolic fate of ivermectin in host (Ovis aries) and parasite (Haemonchus) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.7	19
16	Use of Precision-Cut Tissue Slices as a Translational Model to Study Host-Pathogen Interaction. Frontiers in Veterinary Science, 2021, 8, 686088.	0.9	19
17	Sub-lethal doses of albendazole induce drug metabolizing enzymes and increase albendazole deactivation in Haemonchus contortus adults. Veterinary Research, 2020, 51, 94.	1.1	18
18	Ivermectin-induced changes in the expression of cytochromes P450 and efflux transporters in Haemonchus contortus female and male adults. Veterinary Parasitology, 2019, 273, 24-31.	0.7	17

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19	Liquid chromatography/mass spectrometric identification of benzimidazole anthelmintics metabolites formed <i>in vivo</i> by <i>Dicrocoelium dendriticum</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2679-2684.	0.7	15
20	<i>In vitro</i> oxidative metabolism of xenobiotics in the lancet fluke (<i>Dicrocoelium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (d Xenobiotica, 2010, 40, 593-601.	0.5	15
21	Reliable reference gene selection for quantitative real time PCR in <i>Haemonchus contortus</i> . <i>Molecular and Biochemical Parasitology</i> , 2015, 201, 123-127.	0.5	15
22	Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. <i>Environmental Pollution</i> , 2021, 286, 117590.	3.7	15
23	The inability of tapeworm <i>Hymenolepis diminuta</i> and fluke <i>Dicrocoelium dendriticum</i> to metabolize praziquantel. <i>Veterinary Parasitology</i> , 2012, 185, 168-174.	0.7	13
24	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm <i>Moniezia expansa</i> . <i>Parasitology</i> , 2015, 142, 648-659.	0.7	13
25	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.	0.7	11
26	The transport of albendazole and albendazole sulphoxide in the lancet fluke (<i>Dicrocoelium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	0.7	10
27	Monepantel induces hepatic cytochromes p450 in sheep <i>in vitro</i> and <i>in vivo</i> . <i>Chemico-Biological Interactions</i> , 2015, 227, 63-68.	1.7	10
28	<i>Azorella compacta</i> infusion activates human immune cells and scavenges free radicals <i>in vitro</i> . <i>Pharmacognosy Magazine</i> , 2017, 13, 260.	0.3	10
29	Rifampicin Induces Gene, Protein, and Activity of P-Glycoprotein (ABCB1) in Human Precision-Cut Intestinal Slices. <i>Frontiers in Pharmacology</i> , 2021, 12, 684156.	1.6	8
30	Structural characterization of electrochemically and <i>in vitro</i> biologically generated oxidation products of atorvastatin using UHPLC/MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7181-7193.	1.9	7
31	Metabolism of drugs and other xenobiotics in giant liver fluke (<i>Fascioloides magna</i>). <i>Xenobiotica</i> , 2016, 46, 132-140.	0.5	7
32	Human and rat precision-cut intestinal slices as <i>ex vivo</i> models to study bile acid uptake by the apical sodium-dependent bile acid transporter. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 65-73.	1.9	7
33	Determination of Antiviral Drugs and Their Metabolites Using Micro-Solid Phase Extraction and UHPLC-MS/MS in Reversed-Phase and Hydrophilic Interaction Chromatography Modes. <i>Molecules</i> , 2021, 26, 2123.	1.7	7
34	Environmental circulation of the anthelmintic drug albendazole affects expression and activity of resistance-related genes in the parasitic nematode <i>Haemonchus contortus</i> . <i>Science of the Total Environment</i> , 2022, 822, 153527.	3.9	7
35	Import and efflux of flubendazole in <i>Haemonchus contortus</i> strains susceptible and resistant to anthelmintics. <i>Veterinary Parasitology</i> , 2012, 187, 473-479.	0.7	6
36	Sertraline as a new potential anthelmintic against <i>Haemonchus contortus</i> : toxicity, efficacy, and biotransformation. <i>Veterinary Research</i> , 2021, 52, 143.	1.1	6

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37	Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700020.	2.1	5
38	Comparison of biotransformation and efficacy of aminoacetonitrile anthelmintics <i>in vitro</i> . <i>Drug Testing and Analysis</i> , 2016, 8, 214-220.	1.6	3
39	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
40	Evaluation of the Potency of Anti-HIV and Anti-HCV Drugs to Inhibit P-Glycoprotein Mediated Efflux of Digoxin in Caco-2 Cell Line and Human Precision-Cut Intestinal Slices. <i>Pharmaceuticals</i> , 2022, 15, 242.	1.7	3
41	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
42	Assessing the Anthelmintic Candidates BLK127 and HBK4 for Their Efficacy on <i>Haemonchus contortus</i> Adults and Eggs, and Their Hepatotoxicity and Biotransformation. <i>Pharmaceutics</i> , 2022, 14, 754.	2.0	1