Ivan VokÅÃ¡l

List of Publications by Year
in descending order

42 papers	738 citations	516561 16 h-index	580701 25 g-index
42 all docs	42 docs citations	42 times ranked	778 citing authors

#	Article	IF	Citations
1	Environmental circulation of the anthelmintic drug albendazole affects expression and activity of resistance-related genes in the parasitic nematode Haemonchus contortus. Science of the Total Environment, 2022, 822, 153527.	3.9	7
2	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. Pharmaceuticals, 2022, 15, 242.	1.7	3
3	Assessing the Anthelmintic Candidates BLK127 and HBK4 for Their Efficacy on Haemonchus contortus Adults and Eggs, and Their Hepatotoxicity and Biotransformation. Pharmaceutics, 2022, 14, 754.	2.0	1
4	Determination of Antiviral Drugs and Their Metabolites Using Micro-Solid Phase Extraction and UHPLC-MS/MS in Reversed-Phase and Hydrophilic Interaction Chromatography Modes. Molecules, 2021, 26, 2123.	1.7	7
5	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
6	Rifampicin Induces Gene, Protein, and Activity of P-Glycoprotein (ABCB1) in Human Precision-Cut Intestinal Slices. Frontiers in Pharmacology, 2021, 12, 684156.	1.6	8
7	Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. Environmental Pollution, 2021, 286, 117590.	3.7	15
8	Sertraline as a new potential anthelmintic against Haemonchus contortus: toxicity, efficacy, and biotransformation. Veterinary Research, 2021, 52, 143.	1.1	6
9	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
10	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
11	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
12	Ivermectin environmental impact: Excretion profile in sheep and phytotoxic effect in Sinapis alba. Ecotoxicology and Environmental Safety, 2019, 169, 944-949.	2.9	42
13	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
14	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
15	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
16	Human and rat precision-cut intestinal slices as ex vivo models to study bile acid uptake by the apical sodium-dependent bile acid transporter. European Journal of Pharmaceutical Sciences, 2018, 121, 65-73.	1.9	7
17	Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. Archiv Der Pharmazie, 2017, 350, 1700020.	2.1	5
18	Azorella compacta infusion activates human immune cells and scavenges free radicals in vitro. Pharmacognosy Magazine, 2017, 13, 260.	0.3	10

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19	Comparison of biotransformation and efficacy of aminoacetonitrile anthelmintics in vitro. Drug Testing and Analysis, 2016, 8, 214-220.	1.6	3
20	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
21	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. Trends in Parasitology, 2016, 32, 481-491.	1.5	63
22	Metabolism of drugs and other xenobiotics in giant liver fluke (Fascioloides magna). Xenobiotica, 2016, 46, 132-140.	0.5	7
23	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm Moniezia expansa. Parasitology, 2015, 142, 648-659.	0.7	13
24	Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. Chemico-Biological Interactions, 2015, 227, 63-68.	1.7	10
25	Reliable reference gene selection for quantitative real time PCR in Haemonchus contortus. Molecular and Biochemical Parasitology, 2015, 201, 123-127.	0.5	15
26	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
27	Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite (Haemonchus) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	22
28	Structural characterization of electrochemically and in vitro biologically generated oxidation products of atorvastatin using UHPLC/MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 7181-7193.	1.9	7
29	Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 1705-1712.	1.9	22
30	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
31	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
32	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
33	The metabolic fate of ivermectin in host (Ovis aries) and parasite (Haemonchus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.7	19
34	The activity of drug-metabolizing enzymes and the biotransformation of selected anthelmintics in the model tapeworm Hymenolepis diminuta. Parasitology, 2012, 139, 809-818.	0.7	11
35	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
36	The inability of tapeworm Hymenolepis diminuta and fluke Dicrocoelium dendriticum to metabolize praziquantel. Veterinary Parasitology, 2012, 185, 168-174.	0.7	13

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37	Import and efflux of flubendazole in Haemonchus contortus strains susceptible and resistant to anthelmintics. Veterinary Parasitology, 2012, 187, 473-479.	0.7	6
38	The transport of albendazole and albendazole sulphoxide in the lancet fluke (Dicrocoelium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Tc	0.7	10
39	In vitrooxidative metabolism of xenobiotics in the lancet fluke (Dicrocoelium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Xenobiotica, 2010, 40, 593-601.	0.5	15
40	Effect of Flubendazole on Biotransformation Enzymes Activities in Haemonchus contortus~!2010-03-18~!2010-06-16~!2010-08-07~!. The Open Parasitology Journal, 2010, 4, 24-28.	1.7	3
41	Liquid chromatography/mass spectrometric identification of benzimidazole anthelminthics metabolites formedex vivobyDicrocoelium dendriticum. Rapid Communications in Mass Spectrometry, 2009, 23, 2679-2684.	0.7	15
42	Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics In Vitro. The Open Veterinary Science Journal, 2008, 2, 23-32.	0.7	1