Lenka SkÃ¡lovÃ¡

List of Publications by Year
in descending order

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Version: 2024-02-01

160	3,441	147801	214800
papers	citations	31 h-index	47 g-index

160	160	160	4259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Veterinary drugs in the environment and their toxicity to plants. Chemosphere, 2016, 144, 2290-2301.	8.2	199
2	Benzimidazole drugs and modulation of biotransformation enzymes. Research in Veterinary Science, 2004, 76, 95-108.	1.9	179
3	Chiral Inversion of Drugs: Coincidence or Principle?. Current Drug Metabolism, 2004, 5, 517-533.	1.2	90
4	Comparison of in vitro activities of biotransformation enzymes in pig, cattle, goat and sheep. Research in Veterinary Science, 2004, 76, 43-51.	1.9	89
5	Hepatotoxicity of monoterpenes and sesquiterpenes. Archives of Toxicology, 2018, 92, 1-13.	4.2	74
6	Antioxidant, Pro-Oxidant and Other Biological Activities of Sesquiterpenes. Current Topics in Medicinal Chemistry, 2014, 14, 2478-2494.	2.1	70
7	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. Trends in Parasitology, 2016, 32, 481-491.	3.3	63
8	Possibilities to increase the effectiveness of doxorubicin in cancer cells killing. Drug Metabolism Reviews, 2011, 43, 540-557.	3.6	62
9	Potential Anti-cancer Drugs Commonly Used for Other Indications. Current Cancer Drug Targets, 2015, 15, 35-52.	1.6	62
10	Xenobiotic metabolizing enzymes and metabolism of anthelminthics in helminths. Drug Metabolism Reviews, 2009, 41, 8-26.	3.6	61
11	The effects of Î²-caryophyllene oxide and trans-nerolidol on the efficacy of doxorubicin in breast cancer cells and breast tumor-bearing mice. Biomedicine and Pharmacotherapy, 2017, 95, 828-836.	5.6	56
12	Inhibition and induction of glutathione S-transferases by flavonoids: possible pharmacological and toxicological consequences. Drug Metabolism Reviews, 2012, 44, 267-286.	3.6	54
13	Anthelmintics in the future: current trends in the discovery and development of new drugs against gastrointestinal nematodes. Drug Discovery Today, 2020, 25, 430-437.	6.4	54
14	Antiproliferative effect of benzimidazole anthelmintics albendazole, ricobendazole, and flubendazole in intestinal cancer cell lines. Anti-Cancer Drugs, 2013, 24, 911-919.	1.4	53
15	Reference Genes for Real-Time PCR Quantification of Messenger RNAs and MicroRNAs in Mouse Model of Obesity. PLoS ONE, 2014, 9, e86033.	2.5	52
16	The Influence of Sesquiterpenes from Myrica rubra on the Antiproliferative and Pro-Oxidative Effects of Doxorubicin and Its Accumulation in Cancer Cells. Molecules, 2015, 20, 15343-15358.	3.8	50
17	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.	3.6	50
18	LCâ€“MSâ€“MS identification of albendazole and flubendazole metabolites formed ex vivo by Haemonchus contortus. Analytical and Bioanalytical Chemistry, 2008, 391, 337-343.	3.7	46

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19	Biotransformation of benzimidazole anthelmintics in reed (Phragmites australis) as a potential tool for their detoxification in environment. Bioresource Technology, 2013, 144, 216-224.	9.6	43
20	Metabolic pathways of benzimidazole anthelmintics in harebell (Campanula rotundifolia). Chemosphere, 2016, 157, 10-17.	8.2	42
21	The inhibitory effects of Î²-caryophyllene, Î²-caryophyllene oxide and Î±-humulene on the activities of the main drug-metabolizing enzymes in rat and human liver in vitro. Chemico-Biological Interactions, 2017, 278, 123-128.	4.0	42
22	Age-Related Changes in Hepatic Activity and Expression of Detoxification Enzymes in Male Rats. BioMed Research International, 2013, 2013, 1-10.	1.9	40
23	MicroRNAs as Potential Regulators of Glutathione Peroxidases Expression and Their Role in Obesity and Related Pathologies. International Journal of Molecular Sciences, 2018, 19, 1199.	4.1	40
24	MicroRNAs in the diagnosis and prevention of drug-induced cardiotoxicity. Archives of Toxicology, 2019, 93, 1-9.	4.2	38
25	Essential oil from Myrica rubra leaves inhibits cancer cell proliferation and induces apoptosis in several human intestinal lines. Industrial Crops and Products, 2014, 59, 20-26.	5.2	36
26	Biotransformation of albendazole and activities of selected detoxification enzymes in Haemonchus contortus strains susceptible and resistant to anthelmintics. Veterinary Parasitology, 2013, 196, 373-381.	1.8	35
27	Flubendazole induces mitotic catastrophe and senescence in colon cancer cellsin vitro. Journal of Pharmacy and Pharmacology, 2016, 68, 208-218.	2.4	35
28	Sesquiterpenes Î±-humulene and Î²-caryophyllene oxide enhance the efficacy of 5-fluorouracil and oxaliplatin in colon cancer cells. Acta Pharmaceutica, 2019, 69, 121-128.	2.0	35
29	The role of aryl hydrocarbon receptor in regulation of enzymes involved in metabolic activation of polycyclic aromatic hydrocarbons in a model of rat liver progenitor cells. Chemico-Biological Interactions, 2009, 180, 226-237.	4.0	34
30	Reduction of doxorubicin and oracin and induction of carbonyl reductase in human breast carcinoma MCF-7 cells. Chemico-Biological Interactions, 2008, 176, 9-18.	4.0	33
31	Achiral and chiral high-performance liquid chromatographic determination of flubendazole and its metabolites in biomatrices using UV photodiode-array and mass spectrometric detection. Journal of Chromatography A, 2007, 1149, 112-120.	3.7	31
32	Effect of ivermectin on activities of cytochrome P450 isoenzymes in mouflon (Ovis musimon) and fallow deer (Dama dama). Chemico-Biological Interactions, 2001, 137, 155-167.	4.0	29
33	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.	3.4	29
34	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.	1.5	28
35	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.	5.3	28
36	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.	3.4	28

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37	The effects of benzimidazole anthelmintics on P4501A in rat hepatocytes and HepG2 cells. Research in Veterinary Science, 2003, 75, 61-69.	1.9	26
38	The Effects of Selected Sesquiterpenes from Myrica rubra Essential Oil on the Efficacy of Doxorubicin in Sensitive and Resistant Cancer Cell Lines. Molecules, 2017, 22, 1021.	3.8	26
39	Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. Archives of Toxicology, 2003, 77, 555-560.	4.2	25
40	Evaluation of drug uptake and deactivation in plant: Fate of albendazole in ribwort plantain (Plantago) Tj ETQq0 0 0 rgBT /Overlock 10 T	6.0	25
41	Antiproliferative Effects of Hop-derived Prenylflavonoids and Their Influence on the Efficacy of Oxaliplatine, 5-fluorouracil and Irinotecan in Human ColorectalC Cells. Nutrients, 2019, 11, 879.	4.1	25
42	The effects of fenbendazole, flubendazole and mebendazole on activities of hepatic cytochromes P450 in pig. Journal of Veterinary Pharmacology and Therapeutics, 2004, 27, 85-90.	1.3	24
43	Thermo-mechanical processing of low-alloy TRIP-steel. Journal of Materials Processing Technology, 2006, 175, 387-392.	6.3	24
44	Monepantel: the most studied new anthelmintic drug of recent years. Parasitology, 2014, 141, 1686-1698.	1.5	24
45	Stereochemical aspects of carbonyl reduction of the original anticancer drug oracin by mouse liver microsomes and purified 11Î²-hydroxysteroid dehydrogenase type 1. Chemico-Biological Interactions, 2003, 143-144, 459-468.	4.0	23
46	Biotransformation of flubendazole and fenbendazole and their effects in the ribwort plantain (Plantago lanceolata). Ecotoxicology and Environmental Safety, 2018, 147, 681-687.	6.0	23
47	Factors affecting pharmacokinetics of benzimidazole anthelmintics in food-producing animals: The consequences and potential risks. Research in Veterinary Science, 2011, 91, 333-341.	1.9	22
48	Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 1705-1712.	3.7	22
49	Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite (<i>Haemonchus) Tj ETQq1 1 0.784314 rgBT /Overl	2.6	22
50	Carbonyl reduction of the potential cytostatic drugs benfluron and 3,9-dimethoxybenfluron in human in vitro. Biochemical Pharmacology, 2002, 64, 297-305.	4.4	21
51	Stereospecificity of flobufen metabolism in guinea pigs in vitro and in vivo: Phase I of biotransformation. Chirality, 2004, 16, 1-9.	2.6	21
52	Phase I biotransformation of albendazole in lancet fluke (Dicrocoelium dendriticum). Research in Veterinary Science, 2009, 86, 49-55.	1.9	21
53	Altered cytochrome P450 activities and expression levels in the liver and intestines of the monosodium glutamate-induced mouse model of human obesity. Life Sciences, 2015, 133, 15-20.	4.3	21
54	The novel anticancer drug oracin: different stereospecificity and cooperativity for carbonyl reduction by purified human liver 11Î²-hydroxysteroid dehydrogenase type 1. Toxicology, 2004, 197, 253-261.	4.2	20

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55	Mouflon (Ovis musimon) dicrocoeliosis: Effects of parasitosis on the activities of biotransformation enzymes and albendazole metabolism in liver. Veterinary Parasitology, 2007, 146, 254-262.	1.8	20
56	The modulation of carbonyl reductase 1 by polyphenols. Drug Metabolism Reviews, 2015, 47, 520-533.	3.6	20
57	Biotransformation of flubendazole and selected model xenobiotics in Haemonchus contortus. Veterinary Parasitology, 2008, 151, 242-248.	1.8	19
58	The metabolic fate of ivermectin in host (Ovis aries) and parasite (Haemonchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	1.5	19
59	Flubendazole and mebendazole impair migration and epithelial to mesenchymal transition in oral cell lines. Chemico-Biological Interactions, 2018, 293, 124-132.	4.0	19
60	Inter-Individual Variability in Acute Toxicity of R-Pulegone and R-Menthofuran in Human Liver Slices and Their Influence on miRNA Expression Changes in Comparison to Acetaminophen. International Journal of Molecular Sciences, 2018, 19, 1805.	4.1	19
61	The Effect of Flubendazole on Adhesion and Migration in SW480 and SW620 Colon Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 837-846.	1.7	19
62	Induction of xenobiotic-metabolizing enzymes in hepatocytes by beta-naphthoflavone: Time-dependent changes in activities, protein and mRNA levels. Acta Pharmaceutica, 2018, 68, 75-85.	2.0	19
63	Liver microsomal biotransformation of albendazole in deer, cattle, sheep and pig and some related wild breeds. Journal of Veterinary Pharmacology and Therapeutics, 2005, 28, 377-384.	1.3	18
64	Inhibitory effect of anthocyanidins on hepatic glutathione S-transferase, UDP-glucuronosyltransferase and carbonyl reductase activities in rat and human. Xenobiotica, 2013, 43, 679-685.	1.1	18
65	Sub-lethal doses of albendazole induce drug metabolizing enzymes and increase albendazole deactivation in Haemonchus contortus adults. Veterinary Research, 2020, 51, 94.	3.0	18
66	Interaction of Anthocyanins with Drug-metabolizing and Antioxidant Enzymes. Current Medicinal Chemistry, 2013, 20, 4665-4679.	2.4	18
67	Characterization of metabolites of sibutramine in primary cultures of rat hepatocytes by liquid chromatographyâ€“ion trap mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 393, 1327-1336.	3.7	17
68	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.	1.8	17
69	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 876, 89-96.	2.3	16
70	Naturally occurring flavonoids as inhibitors of purified cytosolic glutathione S-transferase. Xenobiotica, 2012, 42, 872-879.	1.1	16
71	High-fructose drinks affect microRNAs expression differently in lean and obese mice. Journal of Nutritional Biochemistry, 2019, 68, 42-50.	4.2	16
72	Liquid chromatography/mass spectrometric identification of benzimidazole anthelminthics metabolites formedex vivobyDicrocoelium dendriticum. Rapid Communications in Mass Spectrometry, 2009, 23, 2679-2684.	1.5	15

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73	The effects of mebendazole on P4501A activity in rat hepatocytes and HepG2 cells. Comparison with tiabendazole and omeprazole. Journal of Pharmacy and Pharmacology, 2010, 55, 773-781.	2.4	15
74	Reduction of the Potential Anticancer Drug Oracin in the Rat Liver In-vitro. Journal of Pharmacy and Pharmacology, 2010, 52, 495-500.	2.4	15
75	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.	1.1	15
76	The effectiveness of oracin in enhancing the cytotoxicity of doxorubicin through the inhibition of doxorubicin deactivation in breast cancer MCF7 cells. Xenobiotica, 2010, 40, 681-690.	1.1	15
77	Reliable reference gene selection for quantitative real time PCR in Haemonchus contortus. Molecular and Biochemical Parasitology, 2015, 201, 123-127.	1.1	15
78	Pharmaceuticals in environment: the effect of ivermectin on ribwort plantain (Plantago lanceolata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.3	15
79	Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. Environmental Pollution, 2021, 286, 117590.	7.5	15
80	Effect of selected catechins on doxorubicin antiproliferative efficacy and hepatotoxicity in vitro. Acta Pharmaceutica, 2014, 64, 199-209.	2.0	14
81	Ivermectin biotransformation and impact on transcriptome in Arabidopsis thaliana. Chemosphere, 2019, 234, 528-535.	8.2	14
82	Sex differences in stereospecificity of oracin reductases in ratin vitro andin vivo. , 1999, 11, 505-509.		13
83	Albendazole repeated administration induces cytochromes P4501A and accelerates albendazole deactivation in mouflon (Ovis musimon). Research in Veterinary Science, 2005, 78, 255-263.	1.9	13
84	Modulation of porcine biotransformation enzymes by anthelmintic therapy with fenbendazole and flubendazole. Research in Veterinary Science, 2006, 80, 267-274.	1.9	13
85	The inability of tapeworm Hymenolepis diminuta and fluke Dicrocoelium dendriticum to metabolize praziquantel. Veterinary Parasitology, 2012, 185, 168-174.	1.8	13
86	Modulatory Effects of Quercetin and Rutin on the Activity, Expression and Inducibility of CYP1A1 in Intestinal HCTâ€8 Cells. Phytotherapy Research, 2013, 27, 1889-1893.	5.8	13
87	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm Moniezia expansa. Parasitology, 2015, 142, 648-659.	1.5	13
88	Influence of diet supplementation with green tea extract on drug-metabolizing enzymes in a mouse model of monosodium glutamate-induced obesity. European Journal of Nutrition, 2016, 55, 361-371.	3.9	13
89	Metabolism of the anthelmintic drug fenbendazole in Arabidopsis thaliana and its effect on transcriptome and proteome. Chemosphere, 2019, 218, 662-669.	8.2	13
90	Stereospecificity and stereoselectivity of flobufen metabolic profile in male rats in vitro and in vivo: Phase I of biotransformation. Chirality, 2001, 13, 754-759.	2.6	12

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91	Stereospecific biotransformation of albendazole in mouflon and rat-isolated hepatocytes. Journal of Veterinary Pharmacology and Therapeutics, 2003, 26, 297-302.	1.3	12
92	The effects of flubendazole and its metabolites on the larval development of Haemonchus contortus (Nematoda: Trichostrongylidae): an in vitro study. Helminthologia, 2010, 47, 269-272.	0.9	12
93	The stereoselective biotransformation of the anti-obesity drug sibutramine in rat liver microsomes and in primary cultures of rat hepatocytes. Journal of Pharmacy and Pharmacology, 2010, 57, 405-410.	2.4	12
94	Drug-Metabolizing and Antioxidant Enzymes in Monosodium L-Glutamate Obese Mice. Drug Metabolism and Disposition, 2015, 43, 258-265.	3.3	12
95	The Modulation of Phase II Drug-Metabolizing Enzymes in Proliferating and Differentiated CaCo-2 Cells by Hop-Derived Prenylflavonoids. Nutrients, 2020, 12, 2138.	4.1	12
96	The role of UDP-glycosyltransferases in xenobioticresistance. Drug Metabolism Reviews, 2022, 54, 282-298.	3.6	12
97	Activities of biotransformation enzymes in pheasant (Phasianus colchicus) and their modulation by in vivo administration of mebendazole and flubendazole. Research in Veterinary Science, 2007, 83, 20-26.	1.9	11
98	The activity of drug-metabolizing enzymes and the biotransformation of selected anthelmintics in the model tapeworm Hymenolepis diminuta. Parasitology, 2012, 139, 809-818.	1.5	11
99	Effect of oral administration of green tea extract in various dosage schemes on oxidative stress status of mice in vivo. Acta Pharmaceutica, 2015, 65, 65-73.	2.0	11
100	The impact of sesquiterpenes Î²-caryophyllene oxide andtrans-nerolidol on xenobiotic-metabolizing enzymes in micein vivo. Xenobiotica, 2018, 48, 1089-1097.	1.1	11
101	Metabolic pathways of flobufen â€" a new antirheumatic and antiarthritic drug. Interspecies comparison. Experimental and Toxicologic Pathology, 1999, 51, 352-356.	2.1	10
102	Effect of substituents on microsomal reduction of benzo(c)fluorene N-oxides. Chemico-Biological Interactions, 2000, 126, 185-200.	4.0	10
103	Pharmacokinetics of flubendazole and its metabolites in lambs and adult sheep (Ovis aries). Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 606-612.	1.3	10
104	Flubendazole metabolism and biotransformation enzymes activities in healthy sheep and sheep with haemonchosis. Journal of Veterinary Pharmacology and Therapeutics, 2010, 33, 56-62.	1.3	10
105	The transport of albendazole and albendazole sulphoxide in the lancet fluke (Dicrocoelium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	10
106	Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. Chemico-Biological Interactions, 2015, 227, 63-68.	4.0	10
107	Nerolidol and Farnesol Inhibit Some Cytochrome P450 Activities but Did Not Affect Other Xenobiotic-Metabolizing Enzymes in Rat and Human Hepatic Subcellular Fractions. Molecules, 2017, 22, 509.	3.8	10
108	The Selection and Validation of Reference Genes for mRNA and microRNA Expression Studies in Human Liver Slices Using RT-qPCR. Genes, 2019, 10, 763.	2.4	10

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109	Phenotypic screening of the â€˜Kurz-boxâ€™ of chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of Haemonchus contortus. Parasites and Vectors, 2019, 12, 191.	2.5	10
110	The ATP bioluminescence assay: a new application and optimization for viability testing in the parasitic nematode Haemonchus contortus. Veterinary Research, 2021, 52, 124.	3.0	10
111	Effect of defined green tea extract in various dosage schemes on drug-metabolizing enzymes in mice in vivo. Journal of Functional Foods, 2014, 10, 327-335.	3.4	9
112	Effect of Standardized Cranberry Extract on the Activity and Expression of Selected Biotransformation Enzymes in Rat Liver and Intestine. Molecules, 2014, 19, 14948-14960.	3.8	9
113	Essential Oil from Myrica rubra Leaves Potentiated Antiproliferative and Prooxidative Effect of Doxorubicin and its Accumulation in Intestinal Cancer Cells. Planta Medica, 2016, 82, 89-96.	1.3	9
114	The metabolism of flubendazole in human liver and cancer cell lines. Drug Testing and Analysis, 2018, 10, 1139-1146.	2.6	9
115	Stereoselective pharmacokinetics of flobufen in rats. , 1999, 11, 781-786.		8
116	A comparison between stereospecificity of oracin reduction and stereoselectivity of oxidation of 11-dihydrooracin enantiomersin vitro in rat and guinea pig. , 1999, 11, 510-515.		8
117	The uptake, effects and biotransformation of monepantel in meadow plants used as a livestock feed. Chemosphere, 2019, 237, 124434.	8.2	8
118	Effect of bilberry extract (Vaccinium myrtillus L.) on drug-metabolizing enzymes in rats. Food and Chemical Toxicology, 2019, 129, 382-390.	3.6	8
119	The Uptake of Ivermectin and Its Effects in Roots, Leaves and Seeds of Soybean (Glycine max). Molecules, 2020, 25, 3655.	3.8	8
120	In vitro anti-proliferative and anti-inflammatory activity of leaf and fruit extracts from Vaccinium bracteatum Thunb. Pakistan Journal of Pharmaceutical Sciences, 2014, 27, 103-6.	0.2	8
121	Chiral aspects of metabolism of antiinflammatory drug flobufen in human hepatocytes. Chirality, 2003, 15, 433-440.	2.6	7
122	The effects of albendazole and its metabolites on hepatic cytochromes P450 activities in mouflon and rat. Research in Veterinary Science, 2003, 75, 231-239.	1.9	7
123	The effects of flubendazole and mebendazole on cytochromes P4501A in pheasant hepatocytes. Research in Veterinary Science, 2005, 79, 139-147.	1.9	7
124	Paclitaxel conjugation with the analog of the gonadotropin-releasing hormone as a targeting moiety. International Journal of Pharmaceutics, 2011, 415, 175-180.	5.2	7
125	Cranberry extractâ€“enriched diets increase NAD(P)H:quinone oxidoreductase and catalase activities in obese but not in nonobese mice. Nutrition Research, 2015, 35, 901-909.	2.9	7
126	Metabolism of drugs and other xenobiotics in giant liver fluke (Fascioloides magna). Xenobiotica, 2016, 46, 132-140.	1.1	7

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127	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.	8.0	7
128	Use of chiral liquid chromatography for the evaluation of stereospecificity in the carbonyl reduction of potential benzo[c]fluorene antineoplastics benfluron and dimefluron in various species. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 1049-1057.	2.8	6
129	Import and efflux of flubendazole in Haemonchus contortus strains susceptible and resistant to anthelmintics. Veterinary Parasitology, 2012, 187, 473-479.	1.8	6
130	Catechins Variously Affect Activities of Conjugation Enzymes in Proliferating and Differentiated Caco-2 Cells. Molecules, 2016, 21, 1186.	3.8	6
131	Carbonyl Reduction of Flubendazole in the Human Liver: Strict Stereospecificity, Sex Difference, Low Risk of Drug Interactions. Frontiers in Pharmacology, 2019, 10, 600.	3.5	6
132	Monosodium glutamate-induced obesity changed the expression and activity of glutathione S-transferases in mouse heart and kidney. Die Pharmazie, 2017, 72, 257-259.	0.5	6
133	Sertraline as a new potential anthelmintic against Haemonchus contortus: toxicity, efficacy, and biotransformation. Veterinary Research, 2021, 52, 143.	3.0	6
134	Biotransformation of flobufen enantiomers in ruminant hepatocytes and subcellular fractions. Chirality, 2001, 13, 760-764.	2.6	5
135	Characterization of enzymes responsible for biotransformation of the new antileukotrienic drug quinlukast in rat liver microsomes and in primary cultures of rat hepatocytes. Journal of Pharmacy and Pharmacology, 2010, 56, 205-212.	2.4	5
136	Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. Archiv Der Pharmazie, 2017, 350, 1700020.	4.1	5
137	UDP-Glycosyltransferases and Albendazole Metabolism in the Juvenile Stages of Haemonchus contortus. Frontiers in Physiology, 2020, 11, 594116.	2.8	5
138	MicroRNAs mediated regulation of glutathione peroxidase 7 expression and its changes during adipogenesis. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194734.	1.9	5
139	The stereospecificity of flobufen metabolism in isolated guinea pig hepatocytes. BMC Pharmacology, 2003, 3, 5.	0.4	4
140	Efficacy of monepantel against lower developmental stages of a multi-resistant and susceptible Haemonchus contortus isolates: an in vitro study. Helminthologia, 2013, 50, 91-95.	0.9	4
141	Effect of Green Tea Extract-Enriched Diets on Insulin and Leptin Levels, Oxidative Stress Parameters and Antioxidant Enzymes Activities in Obese Mice. Polish Journal of Food and Nutrition Sciences, 2017, 67, 233-240.	1.7	4
142	The Phase I Biotransformation of the Potential Antileukotrienic Drug Quinlukast in Rat Microsomes and Hepatocytes. Collection of Czechoslovak Chemical Communications, 2004, 69, 689-702.	1.0	4
143	Reduction of flobufen in pig hepatocytes: Effect of pig breed (domestic, wild) and castration. Chirality, 2003, 15, 213-219.	2.6	3
144	LC with Fluorimetric Detection for Sensitive Analysis of Reduced Flubendazole in Biological Samples. Chromatographia, 2008, 68, 865-867.	1.3	3

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145	Modulation of Porcine (Sus scrofa domestica) and Pheasant (Phasianus colchicus) Carbonyl Reducing Enzymes by Anthelmintic Therapy with Flubendazole. Drug Metabolism Letters, 2008, 2, 29-34.	0.8	3
146	In vivo effect of oracin on doxorubicin reduction, biodistribution and efficacy in Ehrlich tumor bearing mice. Pharmacological Reports, 2013, 65, 445-452.	3.3	3
147	Comparison of biotransformation and efficacy of aminoacetonitrile anthelmintics in vitro. Drug Testing and Analysis, 2016, 8, 214-220.	2.6	3
148	Soybean (Glycine max) Is Able to Absorb, Metabolize and Accumulate Fenbendazole in All Organs Including Beans. International Journal of Molecular Sciences, 2021, 22, 6647.	4.1	3
149	The Effect of the Manure from Sheep Treated with Anthelmintics on Clover (Trifolium pratense). Agronomy, 2021, 11, 1892.	3.0	3
150	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	3
151	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
152	The influence of oracin on reduction and toxicity of doxorubicin in hepatocytes and mammary epithelial cells MCF-10A. Xenobiotica, 2012, 42, 571-579.	1.1	2
153	Sesquiterpenes Are Agonists of the Pregnane X Receptor but Do Not Induce the Expression of Phase I Drug-Metabolizing Enzymes in the Human Liver. International Journal of Molecular Sciences, 2019, 20, 4562.	4.1	2
154	The Identification of Metabolites and Effects of Albendazole in Alfalfa (Medicago sativa). International Journal of Molecular Sciences, 2020, 21, 5943.	4.1	2
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