

Lenka Sklov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

2,657
citations

26
h-index

40
g-index

160
ext. papers

3,029
ext. citations

4.1
avg. IF

5.16
L-index

#	Paper	IF	Citations
158	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	10.2	0
157	Assessing the Anthelmintic Candidates BLK127 and HBK4 for Their Efficacy on Adults and Eggs, and Their Hepatotoxicity and Biotransformation.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	1
156	Soybean () Is Able to Absorb, Metabolize and Accumulate Fenbendazole in All Organs Including Beans. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
155	The Effect of the Manure from Sheep Treated with Anthelmintics on Clover (<i>Trifolium pratense</i>). <i>Agronomy</i> , 2021 , 11, 1892	3.6	0
154	The ATP bioluminescence assay: a new application and optimization for viability testing in the parasitic nematode <i>Haemonchus contortus</i> . <i>Veterinary Research</i> , 2021 , 52, 124	3.8	3
153	Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. <i>Environmental Pollution</i> , 2021 , 286, 117590	9.3	3
152	MicroRNAs mediated regulation of glutathione peroxidase 7 expression and its changes during adipogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021 , 1864, 194734	6	2
151	Sertraline as a new potential anthelmintic against <i>Haemonchus contortus</i> : toxicity, efficacy, and biotransformation.. <i>Veterinary Research</i> , 2021 , 52, 143	3.8	1
150	Pharmaceuticals in environment: the effect of ivermectin on ribwort plantain (<i>Plantago lanceolata</i> L.). <i>Environmental Science and Pollution Research</i> , 2020 , 27, 31202-31210	5.1	8
149	Anthelmintics in the future: current trends in the discovery and development of new drugs against gastrointestinal nematodes. <i>Drug Discovery Today</i> , 2020 , 25, 430-437	8.8	20
148	The Modulation of Phase II Drug-Metabolizing Enzymes in Proliferating and Differentiated CaCo-2 Cells by Hop-Derived Prenylflavonoids. <i>Nutrients</i> , 2020 , 12,	6.7	6
147	Sub-lethal doses of albendazole induce drug metabolizing enzymes and increase albendazole deactivation in <i>Haemonchus contortus</i> adults. <i>Veterinary Research</i> , 2020 , 51, 94	3.8	12
146	The Identification of Metabolites and Effects of Albendazole in Alfalfa (). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
145	The Uptake of Ivermectin and Its Effects in Roots, Leaves and Seeds of Soybean (). <i>Molecules</i> , 2020 , 25,	4.8	2
144	UDP-Glycosyltransferases and Albendazole Metabolism in the Juvenile Stages of. <i>Frontiers in Physiology</i> , 2020 , 11, 594116	4.6	2
143	Sesquiterpenes Are Agonists of the Pregnane X Receptor but Do Not Induce the Expression of Phase I Drug-Metabolizing Enzymes in the Human Liver. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2
142	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	5.6	3

141	Ivermectin biotransformation and impact on transcriptome in Arabidopsis thaliana. <i>Chemosphere</i> , 2019 , 234, 528-535	8.4	8
140	Phenotypic screening of the Kurz-boxRof chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of Haemonchus contortus. <i>Parasites and Vectors</i> , 2019 , 12, 191	4	9
139	Antiproliferative Effects of Hop-derived Prenylflavonoids and Their Influence on the Efficacy of Oxaliplatin, 5-fluorouracil and Irinotecan in Human ColorectalC Cells. <i>Nutrients</i> , 2019 , 11,	6.7	16
138	Effect of bilberry extract (Vaccinium myrtillus L.) on drug-metabolizing enzymes in rats. <i>Food and Chemical Toxicology</i> , 2019 , 129, 382-390	4.7	7
137	High-fructose drinks affect microRNAs expression differently in lean and obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019 , 68, 42-50	6.3	11
136	Sesquiterpenes Ehumulene and E Caryophyllene oxide enhance the efficacy of 5-fluorouracil and oxaliplatin in colon cancer cells. <i>Acta Pharmaceutica</i> , 2019 , 69, 121-128	3.2	22
135	The uptake, effects and biotransformation of monepantel in meadow plants used as a livestock feed. <i>Chemosphere</i> , 2019 , 237, 124434	8.4	7
134	Ivermectin-induced changes in the expression of cytochromes P450 and efflux transporters in Haemonchus contortus female and male adults. <i>Veterinary Parasitology</i> , 2019 , 273, 24-31	2.8	10
133	The Selection and Validation of Reference Genes for mRNA and microRNA Expression Studies in Human Liver Slices Using RT-qPCR. <i>Genes</i> , 2019 , 10,	4.2	6
132	MicroRNAs in the diagnosis and prevention of drug-induced cardiotoxicity. <i>Archives of Toxicology</i> , 2019 , 93, 1-9	5.8	28
131	Metabolism of the anthelmintic drug fenbendazole in Arabidopsis thaliana and its effect on transcriptome and proteome. <i>Chemosphere</i> , 2019 , 218, 662-669	8.4	12
130	The metabolism of flubendazole in human liver and cancer cell lines. <i>Drug Testing and Analysis</i> , 2018 , 10, 1139	3.5	5
129	Metabolism of albendazole, ricobendazole and flubendazole in Haemonchus contortus adults: Sex differences, resistance-related differences and the identification of new metabolites. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018 , 8, 50-58	4	21
128	Biotransformation of flubendazole and fenbendazole and their effects in the ribwort plantain (Plantago lanceolata). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 681-687	7	15
127	Hepatotoxicity of monoterpenes and sesquiterpenes. <i>Archives of Toxicology</i> , 2018 , 92, 1-13	5.8	42
126	Flubendazole and mebendazole impair migration and epithelial to mesenchymal transition in oral cell lines. <i>Chemico-Biological Interactions</i> , 2018 , 293, 124-132	5	11
125	MicroRNAs as Potential Regulators of Glutathione Peroxidases Expression and Their Role in Obesity and Related Pathologies. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	26
124	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. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12

123	The Effect of Flubendazole on Adhesion and Migration in SW480 and SW620 Colon Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 837-846	2.2	12
122	Induction of xenobiotic-metabolizing enzymes in hepatocytes by beta-naphthoflavone: Time-dependent changes in activities, protein and mRNA levels. <i>Acta Pharmaceutica</i> , 2018 , 68, 75-85	3.2	17
121	The impact of sesquiterpenes β -caryophyllene oxide and trans-nerolidol on xenobiotic-metabolizing enzymes in mice in vivo. <i>Xenobiotica</i> , 2018 , 48, 1089-1097	2	10
120	UDP-glycosyltransferase family in <i>Haemonchus contortus</i> : Phylogenetic analysis, constitutive expression, sex-differences and resistance-related differences. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018 , 8, 420-429	4	15
119	Evaluation of drug uptake and deactivation in plant: Fate of albendazole in ribwort plantain (<i>Plantago lanceolata</i>) cells and regenerants. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 141, 37-42	7	17
118	The inhibitory effects of β -caryophyllene, β -caryophyllene oxide and β -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	5	35
117	The effects of β -caryophyllene oxide and trans-nerolidol on the efficacy of doxorubicin in breast cancer cells and breast tumor-bearing mice. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 828-836	7.5	34
116	Effect of Green Tea Extract-Enriched Diets on Insulin and Leptin Levels, Oxidative Stress Parameters and Antioxidant Enzymes Activities in Obese Mice. <i>Polish Journal of Food and Nutrition Sciences</i> , 2017 , 67, 233-240	3.1	3
115	Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. <i>Archiv Der Pharmazie</i> , 2017 , 350, 1700020	4.3	4
114	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,	4.8	8
113	The Effects of Selected Sesquiterpenes from <i>Myrica rubra</i> Essential Oil on the Efficacy of Doxorubicin in Sensitive and Resistant Cancer Cell Lines. <i>Molecules</i> , 2017 , 22,	4.8	17
112	Monosodium glutamate-induced obesity changed the expression and activity of glutathione S-transferases in mouse heart and kidney. <i>Die Pharmazie</i> , 2017 , 72, 257-259	1.5	5
111	Influence of diet supplementation with green tea extract on drug-metabolizing enzymes in a mouse model of monosodium glutamate-induced obesity. <i>European Journal of Nutrition</i> , 2016 , 55, 361-71	5.2	12
110	Essential Oil from <i>Myrica rubra</i> Leaves Potentiated Antiproliferative and Prooxidative Effect of Doxorubicin and its Accumulation in Intestinal Cancer Cells. <i>Planta Medica</i> , 2016 , 82, 89-96	3.1	7
109	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. <i>Trends in Parasitology</i> , 2016 , 32, 481-491	6.4	40
108	Veterinary drugs in the environment and their toxicity to plants. <i>Chemosphere</i> , 2016 , 144, 2290-301	8.4	151
107	Metabolism of drugs and other xenobiotics in giant liver fluke (<i>Fascioloides magna</i>). <i>Xenobiotica</i> , 2016 , 46, 132-40	2	6
106	Catechins Variously Affect Activities of Conjugation Enzymes in Proliferating and Differentiated Caco-2 Cells. <i>Molecules</i> , 2016 , 21,	4.8	5

105	Flubendazole induces mitotic catastrophe and senescence in colon cancer cells in vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 208-18	4.8	25
104	Comparison of biotransformation and efficacy of aminoacetonitrile anthelmintics in vitro. <i>Drug Testing and Analysis</i> , 2016 , 8, 214-20	3.5	2
103	Metabolic pathways of benzimidazole anthelmintics in harebell (<i>Campanula rotundifolia</i>). <i>Chemosphere</i> , 2016 , 157, 10-7	8.4	30
102	Albendazole in environment: faecal concentrations in lambs and impact on lower development stages of helminths and seed germination. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 13015-22	5.1	19
101	Effect of oral administration of green tea extract in various dosage schemes on oxidative stress status of mice in vivo. <i>Acta Pharmaceutica</i> , 2015 , 65, 65-73	3.2	8
100	The modulation of carbonyl reductase 1 by polyphenols. <i>Drug Metabolism Reviews</i> , 2015 , 47, 520-33	7	17
99	Cranberry extract-enriched diets increase NAD(P)H:quinone oxidoreductase and catalase activities in obese but not in nonobese mice. <i>Nutrition Research</i> , 2015 , 35, 901-909	4	7
98	Reliable reference gene selection for quantitative real time PCR in <i>Haemonchus contortus</i> . <i>Molecular and Biochemical Parasitology</i> , 2015 , 201, 123-7	1.9	12
97	Potential anti-cancer drugs commonly used for other indications. <i>Current Cancer Drug Targets</i> , 2015 , 15, 35-52	2.8	46
96	The Influence of Sesquiterpenes from <i>Myrica rubra</i> on the Antiproliferative and Pro-Oxidative Effects of Doxorubicin and Its Accumulation in Cancer Cells. <i>Molecules</i> , 2015 , 20, 15343-58	4.8	39
95	Biotransformation of anthelmintics and the activity of drug-metabolizing enzymes in the tapeworm <i>Moniezia expansa</i> . <i>Parasitology</i> , 2015 , 142, 648-59	2.7	9
94	Altered cytochrome P450 activities and expression levels in the liver and intestines of the monosodium glutamate-induced mouse model of human obesity. <i>Life Sciences</i> , 2015 , 133, 15-20	6.8	17
93	Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2015 , 227, 63-8	5	9
92	Drug-metabolizing and antioxidant enzymes in monosodium L-glutamate obese mice. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 258-65	4	11
91	Xenobiotic-metabolizing enzymes in plants and their role in uptake and biotransformation of veterinary drugs in the environment. <i>Drug Metabolism Reviews</i> , 2015 , 47, 374-87	7	42
90	Effect of defined green tea extract in various dosage schemes on drug-metabolizing enzymes in mice in vivo. <i>Journal of Functional Foods</i> , 2014 , 10, 327-335	5.1	9
89	Essential oil from <i>Myrica rubra</i> leaves inhibits cancer cell proliferation and induces apoptosis in several human intestinal lines. <i>Industrial Crops and Products</i> , 2014 , 59, 20-26	5.9	24
88	Effect of standardized cranberry extract on the activity and expression of selected biotransformation enzymes in rat liver and intestine. <i>Molecules</i> , 2014 , 19, 14948-60	4.8	9

87	Reference genes for real-time PCR quantification of messenger RNAs and microRNAs in mouse model of obesity. <i>PLoS ONE</i> , 2014 , 9, e86033	3.7	42
86	Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite (<i>Haemonchus contortus</i>). <i>Drug Testing and Analysis</i> , 2014 , 6, 1055-62	3.5	18
85	Effect of selected catechins on doxorubicin antiproliferative efficacy and hepatotoxicity in vitro. <i>Acta Pharmaceutica</i> , 2014 , 64, 199-209	3.2	12
84	Monepantel: the most studied new anthelmintic drug of recent years. <i>Parasitology</i> , 2014 , 141, 1686-98	2.7	21
83	Antioxidant, pro-oxidant and other biological activities of sesquiterpenes. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2478-94	3	42
82	In vitro anti-proliferative and anti-inflammatory activity of leaf and fruit extracts from <i>Vaccinium bracteatum</i> Thunb. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014 , 27, 103-6	0.4	6
81	Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 1705-12	4.4	19
80	Inhibitory effect of anthocyanidins on hepatic glutathione S-transferase, UDP-glucuronosyltransferase and carbonyl reductase activities in rat and human. <i>Xenobiotica</i> , 2013 , 43, 679-85	2	17
79	In vivo effect of oracin on doxorubicin reduction, biodistribution and efficacy in Ehrlich tumor bearing mice. <i>Pharmacological Reports</i> , 2013 , 65, 445-52	3.9	2
78	Efficacy of monepantel against lower developmental stages of a multi-resistant and susceptible <i>Haemonchus contortus</i> isolates: an in vitro study. <i>Helminthologia</i> , 2013 , 50, 91-95	1.1	4
77	Biotransformation of albendazole and activities of selected detoxification enzymes in <i>Haemonchus contortus</i> strains susceptible and resistant to anthelmintics. <i>Veterinary Parasitology</i> , 2013 , 196, 373-81	2.8	31
76	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, 216-24	11	34
75	Age-related changes in hepatic activity and expression of detoxification enzymes in male rats. <i>BioMed Research International</i> , 2013 , 2013, 408573	3	32
74	Antiproliferative effect of benzimidazole anthelmintics albendazole, ricobendazole, and flubendazole in intestinal cancer cell lines. <i>Anti-Cancer Drugs</i> , 2013 , 24, 911-9	2.4	39
73	Modulatory effects of quercetin and rutin on the activity, expression and inducibility of CYP1A1 in intestinal HCT-8 cells. <i>Phytotherapy Research</i> , 2013 , 27, 1889-93	6.7	11
72	The metabolic fate of ivermectin in host (<i>Ovis aries</i>) and parasite (<i>Haemonchus contortus</i>). <i>Parasitology</i> , 2013 , 140, 361-7	2.7	14
71	Interaction of anthocyanins with drug-metabolizing and antioxidant enzymes. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4665-79	4.3	13
70	The inability of tapeworm <i>Hymenolepis diminuta</i> and fluke <i>Dicrocoelium dendriticum</i> to metabolize praziquantel. <i>Veterinary Parasitology</i> , 2012 , 185, 168-74	2.8	10

69	Import and efflux of flubendazole in <i>Haemonchus contortus</i> strains susceptible and resistant to anthelmintics. <i>Veterinary Parasitology</i> , 2012 , 187, 473-9	2.8	6
68	Inhibition and induction of glutathione S-transferases by flavonoids: possible pharmacological and toxicological consequences. <i>Drug Metabolism Reviews</i> , 2012 , 44, 267-86	7	46
67	Naturally occurring flavonoids as inhibitors of purified cytosolic glutathione S-transferase. <i>Xenobiotica</i> , 2012 , 42, 872-9	2	15
66	The influence of oracin on reduction and toxicity of doxorubicin in hepatocytes and mammary epithelial cells MCF-10A. <i>Xenobiotica</i> , 2012 , 42, 571-9	2	1
65	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, 809-18	2.7	7
64	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, 1309-16	2.7	24
63	Possibilities to increase the effectiveness of doxorubicin in cancer cells killing. <i>Drug Metabolism Reviews</i> , 2011 , 43, 540-57	7	49
62	Factors affecting pharmacokinetics of benzimidazole anthelmintics in food-producing animals: the consequences and potential risks. <i>Research in Veterinary Science</i> , 2011 , 91, 333-41	2.5	19
61	Paclitaxel conjugation with the analog of the gonadotropin-releasing hormone as a targeting moiety. <i>International Journal of Pharmaceutics</i> , 2011 , 415, 175-80	6.5	7
60	The transport of albendazole and albendazole sulphoxide in the lancet fluke (<i>Dicrocoelium dendriticum</i>). <i>Veterinary Parasitology</i> , 2011 , 176, 27-33	2.8	8
59	Flubendazole metabolism and biotransformation enzymes activities in healthy sheep and sheep with haemonchosis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2010 , 33, 56-62	1.4	10
58	In vitro oxidative metabolism of xenobiotics in the lancet fluke (<i>Dicrocoelium dendriticum</i>) and the effects of albendazole and albendazole sulphoxide ex vivo. <i>Xenobiotica</i> , 2010 , 40, 593-601	2	12
57	The effectiveness of oracin in enhancing the cytotoxicity of doxorubicin through the inhibition of doxorubicin deactivation in breast cancer MCF7 cells. <i>Xenobiotica</i> , 2010 , 40, 681-90	2	14
56	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, 362-73	3.9	1
55	The effects of flubendazole and its metabolites on the larval development of <i>Haemonchus contortus</i> (Nematoda: Trichostrongylidae): an in vitro study. <i>Helminthologia</i> , 2010 , 47, 269-272	1.1	10
54	Effect of Flubendazole on Biotransformation Enzymes Activities in <i>Haemonchus contortus</i> ~!2010-03-18~!2010-06-16~!2010-08-07~!. <i>The Open Parasitology Journal</i> , 2010 , 4, 24-28	1.6	3
53	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. <i>Chemico-Biological Interactions</i> , 2009 , 180, 226-37	5	32
52	Characterization of metabolites of sibutramine in primary cultures of rat hepatocytes by liquid chromatography-ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1327-36	4.4	16

51	Liquid chromatography/mass spectrometric identification of benzimidazole anthelmintics metabolites formed ex vivo by <i>Dicrocoelium dendriticum</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 2679-84	2.2	14
50	Pharmacokinetics of flubendazole and its metabolites in lambs and adult sheep (<i>Ovis aries</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009 , 32, 606-12	1.4	10
49	Phase I biotransformation of albendazole in lancet fluke (<i>Dicrocoelium dendriticum</i>). <i>Research in Veterinary Science</i> , 2009 , 86, 49-55	2.5	21
48	Xenobiotic metabolizing enzymes and metabolism of anthelmintics in helminths. <i>Drug Metabolism Reviews</i> , 2009 , 41, 8-26	7	49
47	Reduction of doxorubicin and oracin and induction of carbonyl reductase in human breast carcinoma MCF-7 cells. <i>Chemico-Biological Interactions</i> , 2008 , 176, 9-18	5	30
46	Modulation of porcine (<i>Sus scrofa domestica</i>) and pheasant (<i>Phasianus colchicus</i>) carbonyl reducing enzymes by anthelmintic therapy with flubendazole. <i>Drug Metabolism Letters</i> , 2008 , 2, 29-34	2.1	3
45	LC-MS-MS identification of albendazole and flubendazole metabolites formed ex vivo by <i>Haemonchus contortus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 337-43	4.4	40
44	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 Application to pharmacokinetic studies in sheep. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 876, 89-96	3.2	12
43	Biotransformation of flubendazole and selected model xenobiotics in <i>Haemonchus contortus</i> . <i>Veterinary Parasitology</i> , 2008 , 151, 242-8	2.8	18
42	LC with Fluorimetric Detection for Sensitive Analysis of Reduced Flubendazole in Biological Samples. <i>Chromatographia</i> , 2008 , 68, 865-867	2.1	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		3
40	Mouflon (<i>Ovis musimon</i>) dicrocoeliosis: effects of parasitosis on the activities of biotransformation enzymes and albendazole metabolism in liver. <i>Veterinary Parasitology</i> , 2007 , 146, 254-62	2.8	15
39	Achiral and chiral high-performance liquid chromatographic determination of flubendazole and its metabolites in biomatrices using UV photodiode-array and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2007 , 1149, 112-20	4.5	27
38	Activities of biotransformation enzymes in pheasant (<i>Phasianus colchicus</i>) and their modulation by in vivo administration of mebendazole and flubendazole. <i>Research in Veterinary Science</i> , 2007 , 83, 20-6	2.5	11
37	Modulation of porcine biotransformation enzymes by anthelmintic therapy with fenbendazole and flubendazole. <i>Research in Veterinary Science</i> , 2006 , 80, 267-74	2.5	11
36	Thermo-mechanical processing of low-alloy TRIP-steel. <i>Journal of Materials Processing Technology</i> , 2006 , 175, 387-392	5.3	22
35	The stereoselective biotransformation of the anti-obesity drug sibutramine in rat liver microsomes and in primary cultures of rat hepatocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 405-10	4.8	11
34	Albendazole repeated administration induces cytochromes P4501A and accelerates albendazole deactivation in mouflon (<i>Ovis musimon</i>). <i>Research in Veterinary Science</i> , 2005 , 78, 255-63	2.5	11

33	The effects of flubendazole and mebendazole on cytochromes P4501A in pheasant hepatocytes. <i>Research in Veterinary Science</i> , 2005 , 79, 139-47	2.5	7
32	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 1049-57	3.5	6
31	Liver microsomal biotransformation of albendazole in deer, cattle, sheep and pig and some related wild breeds. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2005 , 28, 377-84	1.4	15
30	Characterization of enzymes responsible for biotransformation of the new antileukotrienic drug quinlukast in rat liver microsomes and in primary cultures of rat hepatocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 205-12	4.8	5
29	Chiral inversion of drugs: coincidence or principle?. <i>Current Drug Metabolism</i> , 2004 , 5, 517-33	3.5	78
28	The effects of fenbendazole, flubendazole and mebendazole on activities of hepatic cytochromes P450 in pig. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2004 , 27, 85-90	1.4	20
27	Stereospecificity of flobufen metabolism in guinea pigs in vitro and in vivo: phase I of biotransformation. <i>Chirality</i> , 2004 , 16, 1-9	2.1	21
26	The novel anticancer drug oracin: different stereospecificity and cooperativity for carbonyl reduction by purified human liver 11beta-hydroxysteroid dehydrogenase type 1. <i>Toxicology</i> , 2004 , 197, 253-61	4.4	20
25	Benzimidazole drugs and modulation of biotransformation enzymes. <i>Research in Veterinary Science</i> , 2004 , 76, 95-108	2.5	148
24	Comparison of in vitro activities of biotransformation enzymes in pig, cattle, goat and sheep. <i>Research in Veterinary Science</i> , 2004 , 76, 43-51	2.5	79
23	The Phase I Biotransformation of the Potential Antileukotrienic Drug Quinlukast in Rat Microsomes and Hepatocytes. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 689-702		4
22	Stereospecific reduction of the original anticancer drug oracin in rat extrahepatic tissues. <i>Journal of Pharmacy and Pharmacology</i> , 2003 , 55, 1003-11	4.8	1
21	The effects of mebendazole on P4501A activity in rat hepatocytes and HepG2 cells. Comparison with tiabendazole and omeprazole. <i>Journal of Pharmacy and Pharmacology</i> , 2003 , 55, 773-81	4.8	12
20	Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. <i>Archives of Toxicology</i> , 2003 , 77, 555-60	5.8	25
19	Stereochemical aspects of carbonyl reduction of the original anticancer drug oracin by mouse liver microsomes and purified 11beta-hydroxysteroid dehydrogenase type 1. <i>Chemico-Biological Interactions</i> , 2003 , 143-144, 459-68	5	20
18	Reduction of flobufen in pig hepatocytes: effect of pig breed (domestic, wild) and castration. <i>Chirality</i> , 2003 , 15, 213-9	2.1	3
17	Chiral aspects of metabolism of antiinflammatory drug flobufen in human hepatocytes. <i>Chirality</i> , 2003 , 15, 433-40	2.1	6
16	The stereospecificity of flobufen metabolism in isolated guinea pig hepatocytes. <i>BMC Pharmacology</i> , 2003 , 3, 5		4

15	Stereospecific biotransformation of albendazole in mouflon and rat-isolated hepatocytes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2003 , 26, 297-302	1.4	11
14	The effects of benzimidazole anthelmintics on P4501A in rat hepatocytes and HepG2 cells. <i>Research in Veterinary Science</i> , 2003 , 75, 61-9	2.5	22
13	The effects of albendazole and its metabolites on hepatic cytochromes P450 activities in mouflon and rat. <i>Research in Veterinary Science</i> , 2003 , 75, 231-9	2.5	7
12	Carbonyl reduction of the potential cytostatic drugs benfluron and 3,9-dimethoxybenfluron in human in vitro. <i>Biochemical Pharmacology</i> , 2002 , 64, 297-305	6	19
11	Stereospecificity and stereoselectivity of flobufen metabolic profile in male rats in vitro and in vivo: phase I of biotransformation. <i>Chirality</i> , 2001 , 13, 754-9	2.1	10
10	Biotransformation of flobufen enantiomers in ruminant hepatocytes and subcellular fractions. <i>Chirality</i> , 2001 , 13, 760-4	2.1	3
9	Effect of ivermectin on activities of cytochrome P450 isoenzymes in mouflon (<i>Ovis musimon</i>) and fallow deer (<i>Dama dama</i>). <i>Chemico-Biological Interactions</i> , 2001 , 137, 155-67	5	23
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7	Activity, stereospecificity, and stereoselectivity of microsomal enzymes in dependence on storage and freezing of rat liver samples. <i>Chirality</i> , 2000 , 12, 649-53	2.1	1
6	Effect of substituents on microsomal reduction of benzo(c)fluorene N-oxides. <i>Chemico-Biological Interactions</i> , 2000 , 126, 185-200	5	10
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4	Stereoselective pharmacokinetics of flobufen in rats. <i>Chirality</i> , 1999 , 11, 781-6	2.1	7
3	Sex differences in stereospecificity of oracin reductases in rat in vitro and in vivo. <i>Chirality</i> , 1999 , 11, 505-9	2.1	12
2	A comparison between stereospecificity of oracin reduction and stereoselectivity of oxidation of 11-dihydrooracin enantiomers in vitro in rat and guinea pig. <i>Chirality</i> , 1999 , 11, 510-5	2.1	8
1	The role of UDP-glycosyltransferases in xenobiotic-resistance. <i>Drug Metabolism Reviews</i> , 1-31	7	1