

# Lenka Skřivánková

## List of Publications by Year in descending order

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Version: 2024-02-01

160  
papers

3,441  
citations

147801

31  
h-index

214800

47  
g-index

160  
all docs

160  
docs citations

160  
times ranked

4259  
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 <i>Haemonchus contortus</i> . <i>Science of the Total Environment</i> , 2022, 822, 153527. | 8.0      | 7         |
| 2  | 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.                                  | 4.5      | 1         |
| 3  | The role of UDP-glycosyltransferases in xenobiotic resistance. <i>Drug Metabolism Reviews</i> , 2022, 54, 282-298.  | 3.6      | 12        |
| 4  | The induction and inhibition of UDP-glycosyltransferases in <i>Haemonchus contortus</i> and their role in the metabolism of albendazole. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2022, 19, 56-64.            | 3.4      | 0         |
| 5  | Soybean ( <i>Glycine max</i> ) Is Able to Absorb, Metabolize and Accumulate Fenbendazole in All Organs Including Beans. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6647.  | 4.1      | 3         |
| 6  | The Effect of the Manure from Sheep Treated with Anthelmintics on Clover ( <i>Trifolium pratense</i> ). <i>Agronomy</i> , 2021, 11, 1892.   | 3.0      | 3         |
| 7  | 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.   | 3.0      | 10        |
| 8  | Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. <i>Environmental Pollution</i> , 2021, 286, 117590.  | 7.5      | 15        |
| 9  | 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.   | 1.9      | 5         |
| 10 | Sertraline as a new potential anthelmintic against <i>Haemonchus contortus</i> : toxicity, efficacy, and biotransformation. <i>Veterinary Research</i> , 2021, 52, 143.   | 3.0      | 6         |
| 11 | 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.  | 6.4      | 54        |
| 12 | The Modulation of Phase II Drug-Metabolizing Enzymes in Proliferating and Differentiated CaCo-2 Cells by Hop-Derived Prenylflavonoids. <i>Nutrients</i> , 2020, 12, 2138.   | 4.1      | 12        |
| 13 | 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.  | 3.0      | 18        |
| 14 | The Identification of Metabolites and Effects of Albendazole in Alfalfa ( <i>Medicago sativa</i> ). <i>International Journal of Molecular Sciences</i> , 2020, 21, 5943.  | 4.1      | 2         |
| 15 | The Uptake of Ivermectin and Its Effects in Roots, Leaves and Seeds of Soybean ( <i>Glycine max</i> ). <i>Molecules</i> , 2020, 25, 3655.   | 3.8      | 8         |
| 16 | UDP-Glycosyltransferases and Albendazole Metabolism in the Juvenile Stages of <i>Haemonchus contortus</i> . <i>Frontiers in Physiology</i> , 2020, 11, 594116.  | 2.8      | 5         |
| 17 | Pharmaceuticals in environment: the effect of ivermectin on ribwort plantain ( <i>Plantago lanceolata</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock<br>5.3 15  | 0.784314 | 15        |
| 18 | Sesquiterpenes $\beta$ -humulene and $\beta$ -caryophyllene oxide enhance the efficacy of 5-fluorouracil and oxaliplatin in colon cancer cells. <i>Acta Pharmaceutica</i> , 2019, 69, 121-128.  | 2.0      | 35        |

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|----|--|-----|-----------|
| 19 | The uptake, effects and biotransformation of monepantel in meadow plants used as a livestock feed. <i>Chemosphere</i> , 2019, 237, 124434.   | 8.2 | 8         |
| 20 | Ivermectin-induced changes in the expression of cytochromes P450 and efflux transporters in <i>Haemonchus contortus</i> female and male adults. <i>Veterinary Parasitology</i> , 2019, 273, 24-31.   | 1.8 | 17        |
| 21 | 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, 763.  | 2.4 | 10        |
| 22 | 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, 4562.  | 4.1 | 2         |
| 23 | 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         |
| 24 | Ivermectin biotransformation and impact on transcriptome in <i>Arabidopsis thaliana</i> . <i>Chemosphere</i> , 2019, 234, 528-535.   | 8.2 | 14        |
| 25 | Phenotypic screening of the "Kurz-box"™ of chemicals identifies two compounds (BLK127 and HBK4) with anthelmintic activity in vitro against parasitic larval stages of <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2019, 12, 191.                                     | 2.5 | 10        |
| 26 | 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, 879.  | 4.1 | 25        |
| 27 | Effect of bilberry extract ( <i>Vaccinium myrtillus</i> L.) on drug-metabolizing enzymes in rats. <i>Food and Chemical Toxicology</i> , 2019, 129, 382-390.  | 3.6 | 8         |
| 28 | High-fructose drinks affect microRNAs expression differently in lean and obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 68, 42-50.   | 4.2 | 16        |
| 29 | MicroRNAs in the diagnosis and prevention of drug-induced cardiotoxicity. <i>Archives of Toxicology</i> , 2019, 93, 1-9.   | 4.2 | 38        |
| 30 | Metabolism of the anthelmintic drug fenbendazole in <i>Arabidopsis thaliana</i> and its effect on transcriptome and proteome. <i>Chemosphere</i> , 2019, 218, 662-669.   | 8.2 | 13        |
| 31 | The metabolism of flubendazole in human liver and cancer cell lines. <i>Drug Testing and Analysis</i> , 2018, 10, 1139-1146.   | 2.6 | 9         |
| 32 | Metabolism of albendazole, ricobendazole and flubendazole in <i>Haemonchus contortus</i> 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. | 3.4 | 29        |
| 33 | Biotransformation of flubendazole and fenbendazole and their effects in the ribwort plantain ( <i>Plantago lanceolata</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 681-687.   | 6.0 | 23        |
| 34 | Hepatotoxicity of monoterpenes and sesquiterpenes. <i>Archives of Toxicology</i> , 2018, 92, 1-13.   | 4.2 | 74        |
| 35 | The impact of sesquiterpenes Î <sup>2</sup> -caryophyllene oxide and <i>trans</i> -nerolidol on xenobiotic-metabolizing enzymes in mice <i>in vivo</i> . <i>Xenobiotica</i> , 2018, 48, 1089-1097.   | 1.1 | 11        |
| 36 | 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.                       | 3.4 | 28        |

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|----|---|-----|-----------|
| 37 | Flubendazole and mebendazole impair migration and epithelial to mesenchymal transition in oral cell lines. <i>Chemico-Biological Interactions</i> , 2018, 293, 124-132.   | 4.0 | 19        |
| 38 | 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, 1199.   | 4.1 | 40        |
| 39 | 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, 1805. | 4.1 | 19        |
| 40 | 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.   | 1.7 | 19        |
| 41 | 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.   | 2.0 | 19        |
| 42 | Evaluation of drug uptake and deactivation in plant: Fate of albendazole in ribwort plantain ( <i>Plantago</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T   | 6.9 | 25        |
| 43 | 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. <i>Chemico-Biological Interactions</i> , 2017, 278, 123-128.                  | 4.0 | 42        |
| 44 | The effects of Î²-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.  | 5.6 | 56        |
| 45 | 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.                          | 1.7 | 4         |
| 46 | Design, Synthesis, and Biological Evaluation of Isothiosemicarbazones with Antimycobacterial Activity. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700020.  | 4.1 | 5         |
| 47 | 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        |
| 48 | 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, 1021.   | 3.8 | 26        |
| 49 | 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.   | 0.5 | 6         |
| 50 | Catechins Variously Affect Activities of Conjugation Enzymes in Proliferating and Differentiated Caco-2 Cells. <i>Molecules</i> , 2016, 21, 1186.   | 3.8 | 6         |
| 51 | Flubendazole induces mitotic catastrophe and senescence in colon cancer cells <i>in vitro</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 208-218.  | 2.4 | 35        |
| 52 | Comparison of biotransformation and efficacy of aminoacetonitrile anthelmintics <i>in vitro</i> . <i>Drug Testing and Analysis</i> , 2016, 8, 214-220.  | 2.6 | 3         |
| 53 | Metabolic pathways of benzimidazole anthelmintics in harebell ( <i>Campanula rotundifolia</i> ). <i>Chemosphere</i> , 2016, 157, 10-17.   | 8.2 | 42        |
| 54 | 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, 13015-13022.   | 5.3 | 28        |

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|----|---|-----|-----------|
| 55 | 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, 361-371.   | 3.9 | 13        |
| 56 | 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. | 1.3 | 9         |
| 57 | The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. <i>Trends in Parasitology</i> , 2016, 32, 481-491.  | 3.3 | 63        |
| 58 | Veterinary drugs in the environment and their toxicity to plants. <i>Chemosphere</i> , 2016, 144, 2290-2301.  | 8.2 | 199       |
| 59 | Metabolism of drugs and other xenobiotics in giant liver fluke ( <i>Fascioloides magna</i> ). <i>Xenobiotica</i> , 2016, 46, 132-140.   | 1.1 | 7         |
| 60 | Potential Anti-cancer Drugs Commonly Used for Other Indications. <i>Current Cancer Drug Targets</i> , 2015, 15, 35-52.  | 1.6 | 62        |
| 61 | 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, 15343-15358.  | 3.8 | 50        |
| 62 | 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        |
| 63 | 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.             | 4.3 | 21        |
| 64 | Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2015, 227, 63-68.   | 4.0 | 10        |
| 65 | Drug-Metabolizing and Antioxidant Enzymes in Monosodium L-Glutamate Obese Mice. <i>Drug Metabolism and Disposition</i> , 2015, 43, 258-265.   | 3.3 | 12        |
| 66 | 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.                                       | 2.0 | 11        |
| 67 | The modulation of carbonyl reductase 1 by polyphenols. <i>Drug Metabolism Reviews</i> , 2015, 47, 520-533.  | 3.6 | 20        |
| 68 | 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.                          | 2.9 | 7         |
| 69 | Reliable reference gene selection for quantitative real time PCR in <i>Haemonchus contortus</i> . <i>Molecular and Biochemical Parasitology</i> , 2015, 201, 123-127.                                       | 1.1 | 15        |
| 70 | 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.                         | 3.6 | 50        |
| 71 | Reference Genes for Real-Time PCR Quantification of Messenger RNAs and MicroRNAs in Mouse Model of Obesity. <i>PLoS ONE</i> , 2014, 9, e86033.  | 2.5 | 52        |
| 72 | Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite ( <i>Haemonchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5   | 2.6 | 22        |

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|----|--|-----|-----------|
| 73 | Effect of selected catechins on doxorubicin antiproliferative efficacy and hepatotoxicity in vitro. <i>Acta Pharmaceutica</i> , 2014, 64, 199-209.   | 2.0 | 14        |
| 74 | Monepantel: the most studied new anthelmintic drug of recent years. <i>Parasitology</i> , 2014, 141, 1686-1698.  | 1.5 | 24        |
| 75 | 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.  | 3.4 | 9         |
| 76 | 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.                          | 5.2 | 36        |
| 77 | Effect of Standardized Cranberry Extract on the Activity and Expression of Selected Biotransformation Enzymes in Rat Liver and Intestine. <i>Molecules</i> , 2014, 19, 14948-14960.  | 3.8 | 9         |
| 78 | Antioxidant, Pro-Oxidant and Other Biological Activities of Sesquiterpenes. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2478-2494.  | 2.1 | 70        |
| 79 | 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.                        | 0.2 | 8         |
| 80 | Investigation of the metabolism of monepantel in ovine hepatocytes by UHPLC/MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1705-1712.   | 3.7 | 22        |
| 81 | Inhibitory effect of anthocyanidins on hepatic glutathione S-transferase, UDP-glucuronosyltransferase and carbonyl reductase activities in rat and human. <i>Xenobiotica</i> , 2013, 43, 679-685.                          | 1.1 | 18        |
| 82 | In vivo effect of oracin on doxorubicin reduction, biodistribution and efficacy in Ehrlich tumor bearing mice. <i>Pharmacological Reports</i> , 2013, 65, 445-452.   | 3.3 | 3         |
| 83 | 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.                           | 0.9 | 4         |
| 84 | 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, 373-381. | 1.8 | 35        |
| 85 | 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        |
| 86 | Age-Related Changes in Hepatic Activity and Expression of Detoxification Enzymes in Male Rats. <i>BioMed Research International</i> , 2013, 2013, 1-10.  | 1.9 | 40        |
| 87 | Antiproliferative effect of benzimidazole anthelmintics albendazole, ricobendazole, and flubendazole in intestinal cancer cell lines. <i>Anti-Cancer Drugs</i> , 2013, 24, 911-919.  | 1.4 | 53        |
| 88 | Modulatory Effects of Quercetin and Rutin on the Activity, Expression and Inducibility of CYP1A1 in Intestinal HCT8 Cells. <i>Phytotherapy Research</i> , 2013, 27, 1889-1893.   | 5.8 | 13        |
| 89 | The metabolic fate of ivermectin in host ( <i>Ovis aries</i> ) and parasite ( <i>Haemonchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50  | 1.5 | 19        |
| 90 | Interaction of Anthocyanins with Drug-metabolizing and Antioxidant Enzymes. <i>Current Medicinal Chemistry</i> , 2013, 20, 4665-4679.  | 2.4 | 18        |

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|-----|--|-----|-----------|
| 91  | The influence of oracin on reduction and toxicity of doxorubicin in hepatocytes and mammary epithelial cells MCF-10A. <i>Xenobiotica</i> , 2012, 42, 571-579.  | 1.1 | 2         |
| 92  | 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        |
| 93  | 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        |
| 94  | Inhibition and induction of glutathione S-transferases by flavonoids: possible pharmacological and toxicological consequences. <i>Drug Metabolism Reviews</i> , 2012, 44, 267-286.   | 3.6 | 54        |
| 95  | Naturally occurring flavonoids as inhibitors of purified cytosolic glutathione S-transferase. <i>Xenobiotica</i> , 2012, 42, 872-879.  | 1.1 | 16        |
| 96  | 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.   | 1.8 | 13        |
| 97  | 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         |
| 98  | Possibilities to increase the effectiveness of doxorubicin in cancer cells killing. <i>Drug Metabolism Reviews</i> , 2011, 43, 540-557.  | 3.6 | 62        |
| 99  | Factors affecting pharmacokinetics of benzimidazole anthelmintics in food-producing animals: The consequences and potential risks. <i>Research in Veterinary Science</i> , 2011, 91, 333-341.  | 1.9 | 22        |
| 100 | Paclitaxel conjugation with the analog of the gonadotropin-releasing hormone as a targeting moiety. <i>International Journal of Pharmaceutics</i> , 2011, 415, 175-180.  | 5.2 | 7         |
| 101 | The transport of albendazole and albendazole sulphoxide in the lancet fluke ( <i>Dicrocoelium</i> ) Tj ETQq1 1 0.784314 $\text{rgBT}$ /Overlock 10 T 5   | 1.8 | 10        |
| 102 | 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.   | 0.9 | 12        |
| 103 | Stereospecific reduction of the original anticancer drug oracin in rat extrahepatic tissues. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 1003-1011.  | 2.4 | 1         |
| 104 | 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> , 2010, 56, 205-212. | 2.4 | 5         |
| 105 | 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> , 2010, 55, 773-781.  | 2.4 | 15        |
| 106 | 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> , 2010, 57, 405-410.                                | 2.4 | 12        |
| 107 | Reduction of the Potential Anticancer Drug Oracin in the Rat Liver In-vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 52, 495-500.  | 2.4 | 15        |
| 108 | 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.   | 1.3 | 10        |

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|-----|---|-----|-----------|
| 109 | <i>In vitro</i> oxidative metabolism of xenobiotics in the lancet fluke ( <i>Dicrocoelium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507<br>Xenobiotica, 2010, 40, 593-601.   | 1.1 | 15        |
| 110 | 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        |
| 111 | Activities of biotransformation enzymes and flubendazole metabolism in lambs ( <i>Ovis aries</i> ): effect of gender and flubendazole therapy. Pharmacological Reports, 2010, 62, 362-373.  | 3.3 | 1         |
| 112 | Effect of Flubendazole on Biotransformation Enzymes Activities in <i>Haemonchus contortus</i> –!2010-03-18–!2010-06-16–!2010-08-07–!. The Open Parasitology Journal, 2010, 4, 24-28.  | 1.7 | 3         |
| 113 | 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        |
| 114 | Characterization of metabolites of sibutramine in primary cultures of rat hepatocytes by liquid chromatography–ion trap mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 393, 1327-1336.  | 3.7 | 17        |
| 115 | Liquid chromatography/mass spectrometric identification of benzimidazole anthelmintics metabolites formed <i>ex vivo</i> by <i>Dicrocoelium dendriticum</i> . Rapid Communications in Mass Spectrometry, 2009, 23, 2679-2684.   | 1.5 | 15        |
| 116 | Pharmacokinetics of flubendazole and its metabolites in lambs and adult sheep ( <i>Ovis aries</i> ). Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 606-612.  | 1.3 | 10        |
| 117 | Phase I biotransformation of albendazole in lancet fluke ( <i>Dicrocoelium dendriticum</i> ). Research in Veterinary Science, 2009, 86, 49-55.  | 1.9 | 21        |
| 118 | Xenobiotic metabolizing enzymes and metabolism of anthelmintics in helminths. Drug Metabolism Reviews, 2009, 41, 8-26.  | 3.6 | 61        |
| 119 | LC–MS–MS identification of albendazole and flubendazole metabolites formed <i>ex vivo</i> by <i>Haemonchus contortus</i> . Analytical and Bioanalytical Chemistry, 2008, 391, 337-343.  | 3.7 | 46        |
| 120 | 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        |
| 121 | Biotransformation of flubendazole and selected model xenobiotics in <i>Haemonchus contortus</i> . Veterinary Parasitology, 2008, 151, 242-248.  | 1.8 | 19        |
| 122 | LC with Fluorimetric Detection for Sensitive Analysis of Reduced Flubendazole in Biological Samples. Chromatographia, 2008, 68, 865-867.  | 1.3 | 3         |
| 123 | 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        |
| 124 | Modulation of Porcine ( <i>Sus scrofa domestica</i> ) and Pheasant ( <i>Phasianus colchicus</i> ) Carbonyl Reducing Enzymes by Anthelmintic Therapy with Flubendazole. Drug Metabolism Letters, 2008, 2, 29-34.   | 0.8 | 3         |
| 125 | Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics <i>In Vitro</i> . The Open Veterinary Science Journal, 2008, 2, 23-32.   | 0.7 | 1         |
| 126 | Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics <i>In Vitro</i> . The Open Veterinary Science Journal, 2008, 2, 23-32.   | 0.7 | 3         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 127 | 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, 20-26.  | 1.9 | 11        |
| 128 | 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, 254-262.  | 1.8 | 20        |
| 129 | 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, 112-120.                                | 3.7 | 31        |
| 130 | Modulation of porcine biotransformation enzymes by anthelmintic therapy with fenbendazole and flubendazole. <i>Research in Veterinary Science</i> , 2006, 80, 267-274.   | 1.9 | 13        |
| 131 | Thermo-mechanical processing of low-alloy TRIP-steel. <i>Journal of Materials Processing Technology</i> , 2006, 175, 387-392.  | 6.3 | 24        |
| 132 | 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, 1049-1057. | 2.8 | 6         |
| 133 | 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, 377-384.   | 1.3 | 18        |
| 134 | Albendazole repeated administration induces cytochromes P4501A and accelerates albendazole deactivation in mouflon ( <i>Ovis musimon</i> ). <i>Research in Veterinary Science</i> , 2005, 78, 255-263.   | 1.9 | 13        |
| 135 | The effects of flubendazole and mebendazole on cytochromes P4501A in pheasant hepatocytes. <i>Research in Veterinary Science</i> , 2005, 79, 139-147.  | 1.9 | 7         |
| 136 | Chiral Inversion of Drugs: Coincidence or Principle?. <i>Current Drug Metabolism</i> , 2004, 5, 517-533.   | 1.2 | 90        |
| 137 | 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.  | 1.3 | 24        |
| 138 | Stereospecificity of flobufen metabolism in guinea pigs in vitro and in vivo: Phase I of biotransformation. <i>Chirality</i> , 2004, 16, 1-9.  | 2.6 | 21        |
| 139 | The novel anticancer drug oracin: different stereospecificity and cooperativity for carbonyl reduction by purified human liver 11 $\beta$ -hydroxysteroid dehydrogenase type 1. <i>Toxicology</i> , 2004, 197, 253-261.  | 4.2 | 20        |
| 140 | Benzimidazole drugs and modulation of biotransformation enzymes. <i>Research in Veterinary Science</i> , 2004, 76, 95-108.   | 1.9 | 179       |
| 141 | Comparison of in vitro activities of biotransformation enzymes in pig, cattle, goat and sheep. <i>Research in Veterinary Science</i> , 2004, 76, 43-51.  | 1.9 | 89        |
| 142 | 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.  | 1.0 | 4         |
| 143 | Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. <i>Archives of Toxicology</i> , 2003, 77, 555-560.   | 4.2 | 25        |
| 144 | Stereochemical aspects of carbonyl reduction of the original anticancer drug oracin by mouse liver microsomes and purified 11 $\beta$ -hydroxysteroid dehydrogenase type 1. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 459-468.                                     | 4.0 | 23        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Reduction of flobufen in pig hepatocytes: Effect of pig breed (domestic, wild) and castration. <i>Chirality</i> , 2003, 15, 213-219.   | 2.6 | 3         |
| 146 | Chiral aspects of metabolism of antiinflammatory drug flobufen in human hepatocytes. <i>Chirality</i> , 2003, 15, 433-440.   | 2.6 | 7         |
| 147 | The stereospecificity of flobufen metabolism in isolated guinea pig hepatocytes. <i>BMC Pharmacology</i> , 2003, 3, 5.   | 0.4 | 4         |
| 148 | Stereospecific biotransformation of albendazole in mouflon and rat-isolated hepatocytes. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2003, 26, 297-302.                               | 1.3 | 12        |
| 149 | The effects of benzimidazole anthelmintics on P4501A in rat hepatocytes and HepG2 cells. <i>Research in Veterinary Science</i> , 2003, 75, 61-69.  | 1.9 | 26        |
| 150 | The effects of albendazole and its metabolites on hepatic cytochromes P450 activities in mouflon and rat. <i>Research in Veterinary Science</i> , 2003, 75, 231-239.                                   | 1.9 | 7         |
| 151 | Carbonyl reduction of the potential cytostatic drugs benfluron and 3,9-dimethoxybenfluron in human in vitro. <i>Biochemical Pharmacology</i> , 2002, 64, 297-305.                                      | 4.4 | 21        |
| 152 | Stereospecificity and stereoselectivity of flobufen metabolic profile in male rats in vitro and in vivo: Phase I of biotransformation. <i>Chirality</i> , 2001, 13, 754-759.                           | 2.6 | 12        |
| 153 | Biotransformation of flobufen enantiomers in ruminant hepatocytes and subcellular fractions. <i>Chirality</i> , 2001, 13, 760-764.   | 2.6 | 5         |
| 154 | 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, 155-167. | 4.0 | 29        |
| 155 | Activity, stereospecificity, and stereoselectivity of microsomal enzymes in dependence on storage and freezing of rat liver samples. <i>Chirality</i> , 2000, 12, 649-653.                             | 2.6 | 1         |
| 156 | Effect of substituents on microsomal reduction of benzo(c)fluorene N-oxides. <i>Chemico-Biological Interactions</i> , 2000, 126, 185-200.  | 4.0 | 10        |
| 157 | Metabolic pathways of flobufen – a new antirheumatic and antiarthritic drug. Interspecies comparison. <i>Experimental and Toxicologic Pathology</i> , 1999, 51, 352-356.                               | 2.1 | 10        |
| 158 | Stereoselective pharmacokinetics of flobufen in rats. , 1999, 11, 781-786.   |     | 8         |
| 159 | Sex differences in stereospecificity of oracin reductases in rat in vitro and in vivo. , 1999, 11, 505-509.  |     | 13        |
| 160 | A comparison between stereospecificity of oracin reduction and stereoselectivity of oxidation of 11-dihydrooracin enantiomers in vitro in rat and guinea pig. , 1999, 11, 510-515.                     |     | 8         |