

JiÅÃ- Lamka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6550526/publications.pdf>

Version: 2024-02-01

77
papers

1,468
citations

331670

21
h-index

377865

34
g-index

77
all docs

77
docs citations

77
times ranked

1397
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzimidazole drugs and modulation of biotransformation enzymes. <i>Research in Veterinary Science</i> , 2004, 76, 95-108.	1.9	179
2	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
3	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
4	Paratuberculosis in farmed and free-living wild ruminants in the Czech Republic (1999-2001). <i>Veterinary Microbiology</i> , 2004, 101, 225-234.	1.9	62
5	Xenobiotic metabolizing enzymes and metabolism of anthelmintics in helminths. <i>Drug Metabolism Reviews</i> , 2009, 41, 8-26.	3.6	61
6	<i>Mycobacterium avium</i> subsp. <i>avium</i> distribution studied in a naturally infected hen flock and in the environment by culture, serotyping and IS901 RFLP methods. <i>Veterinary Microbiology</i> , 2008, 127, 155-164.	1.9	52
7	LC-MS identification of albendazole and flubendazole metabolites formed ex vivo by <i>Haemonchus contortus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 337-343.	3.7	46
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Paratuberculosis and avian tuberculosis infections in one red deer farm studied by IS900 and IS901 RFLP analysis. <i>Veterinary Microbiology</i> , 2005, 105, 261-268.	1.9	26
16	Inter-species comparisons of hepatic cytochrome P450 enzyme levels in male ruminants. <i>Archives of Toxicology</i> , 2003, 77, 555-560.	4.2	25
17	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
18	Seroprevalence of <i>Neospora caninum</i> and <i>Toxoplasma gondii</i> in exotic ruminants and camelids in the Czech Republic. <i>Parasitology Research</i> , 2017, 116, 1925-1929.	1.6	24

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Metabolic pathways of anthelmintic drug monepantel in sheep and in its parasite (<i>Haemonchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 462 Td (d)	2.6	22
22	Prevalence of Hepatitis E Virus in Populations of Wild Animals in Comparison with Animals Bred in Game Enclosures. <i>Food and Environmental Virology</i> , 2015, 7, 159-163.	3.4	22
23	Phase I biotransformation of albendazole in lancet fluke (<i>Dicrocoelium dendriticum</i>). <i>Research in Veterinary Science</i> , 2009, 86, 49-55.	1.9	21
24	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
25	Biotransformation of flubendazole and selected model xenobiotics in <i>Haemonchus contortus</i> . <i>Veterinary Parasitology</i> , 2008, 151, 242-248.	1.8	19
26	The metabolic fate of ivermectin in host (<i>Ovis aries</i>) and parasite (<i>Haemonchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (d)	1.5	19
27	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
28	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
29	The origin and genetic variability of the Czech sika deer population. <i>Ecological Research</i> , 2012, 27, 991-1003.	1.5	17
30	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
31	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 89-96.	2.3	16
32	Soil and Plant Contamination with <i>Mycobacterium Avium</i> subsp. <i>Paratuberculosis</i> After Exposure to Naturally Contaminated Mouflon Feces. <i>Current Microbiology</i> , 2011, 62, 1405-1410.	2.2	16
33	Liquid chromatography/mass spectrometric identification of benzimidazole anthelmintics metabolites formed <i>vivo</i> by <i>Dicrocoelium dendriticum</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2679-2684.	1.5	15
34	<i>In vitro</i> oxidative metabolism of xenobiotics in the lancet fluke (<i>Dicrocoelium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (d)	1.1	15
35	Xenobiotica, 2010, 40, 593-601.		
35	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
36	Proof of the environmental circulation of veterinary drug albendazole in real farm conditions. <i>Environmental Pollution</i> , 2021, 286, 117590.	7.5	15

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	On the interaction of diazepam with human, rat and mouse plasma proteins and erythrocytes. <i>Biochemical Pharmacology</i> , 1982, 31, 1455-1458.	4.4	12
42	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
43	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
44	Detection of <i>Lawsonia intracellularis</i> in Wild Boar and Fallow Deer Bred in One Game Enclosure in the Czech Republic. <i>Zoonoses and Public Health</i> , 2006, 53, 42-44.	1.4	11
45	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
46	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
47	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, 606-612.	1.3	10
48	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
49	The transport of albendazole and albendazole sulphoxide in the lancet fluke (<i>Dicrocoelium</i>)	1.8	10
50	Dybowski's Sika Deer (<i>Cervus nippon hortulorum</i>): Genetic Divergence between Natural Primorian and Introduced Czech Populations. <i>Journal of Heredity</i> , 2013, 104, 312-326.	2.4	10
51	Monepantel induces hepatic cytochromes p450 in sheep in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 2015, 227, 63-68.	4.0	10
52	Serological Prevalence of Enteropathogenic <i>Yersinia</i> spp. in Pigs and Wild Boars from Different Production Systems in the Moravian Region, Czech Republic. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 275-279.	1.8	9
53	Spread of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Through Soil and Grass on a Mouflon (<i>Ovis</i>)	2.2	8
54	Seasonal Dynamics, Parity Rate, and Composition of <i>Culicoides</i> (Diptera: Ceratopogonidae) Occurring in the Vicinity of Wild and Domestic Ruminants in the Czech Republic. <i>Journal of Medical Entomology</i> , 2016, 53, 416-424.	1.8	8

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	Genetic IS901RFLP diversity among <i>Mycobacterium avium</i> subsp. <i>avium</i> isolates from four pheasant flocks. <i>Journal of Veterinary Science</i> , 2013, 14, 99.	1.3	7
58	Metabolism of drugs and other xenobiotics in giant liver fluke (<i>Fascioloides magna</i>). <i>Xenobiotica</i> , 2016, 46, 132-140.	1.1	7
59	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
60	Influence of Stress Connected with Moving to a New Farm on Potentially MAP-Infected Mouflons. , 2014, 2014, 1-5.		6
61	Biotransformation of flobufen enantiomers in ruminant hepatocytes and subcellular fractions. <i>Chirality</i> , 2001, 13, 760-764.	2.6	5
62	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
63	Efficacy of Orally Administered Ivermectin Against Larval Stages of Bot Fly (<i>Cephenemyia stimulator</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	0.5	4
64	Reduction of flobufen in pig hepatocytes: Effect of pig breed (domestic, wild) and castration. <i>Chirality</i> , 2003, 15, 213-219.	2.6	3
65	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.	0.8	3
66	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
67	Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics In Vitro. <i>The Open Veterinary Science Journal</i> , 2008, 2, 23-32.	0.7	3
68	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.	1.7	3
69	Anthelmintic Efficacy of Orally Administered Ivermectin Against Nematodes in the Moufflon (<i>Ovis</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlook	0.5	3
70	<i>Toxoplasma gondii</i> in wild ruminants bred in game preserves and farms with production destined for human consumption in the Czech Republic.. <i>Potravinarstvo</i> , 2015, 9, .	0.6	3
71	Effect of plasma binding of ortho- and para-I-benzoates on their distribution in blood and into lymph, biotransformation and excretion in rat urine. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 1993, 18, 233-237.	1.6	2
72	Distribution of Subcutaneously Administered Inulin between Blood and Peripheral Lymph in the Rabbit. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 43, 177-179.	2.4	2

#	ARTICLE	IF	CITATIONS
73	Mycobacterial Screening of Czech Red Deer (<i>Cervus elaphus</i>) Populations in Overwintering Sites, 2004–2006. <i>Journal of Wildlife Diseases</i> , 2011, 47, 780-783.	0.8	2
74	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
75	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, 362-373.	3.3	1
76	Dicrocoeliosis of Old Mouflon Ewes - Effect on Biotransformation Enzymes and Metabolism of Anthelmintics In Vitro. <i>The Open Veterinary Science Journal</i> , 2008, 2, 23-32.	0.7	1
77	Utility of several microsatellite markers for the genetic characterisation of three ex situ populations of threatened caprine taxa (<i>Capra aegagrus</i>, <i>C. cylindricornis</i> and Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	1