

Carlo Nebbia

List of Publications by Year in descending order

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89
papers

1,658
citations

304368

22
h-index

344852

36
g-index

89
all docs

89
docs citations

89
times ranked

1402
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of malachite green (MG) and its major metabolite, leucomalachite green (LMG), in two human cell lines. <i>Toxicology in Vitro</i> , 2005, 19, 853-858.	1.1	144
2	Comparative Expression of Liver Cytochrome P450-dependent Monooxygenases in the Horse and in other Agricultural and Laboratory Species. <i>Veterinary Journal</i> , 2003, 165, 53-64.	0.6	116
3	Biotransformation Enzymes as Determinants of Xenobiotic Toxicity in Domestic Animals. <i>Veterinary Journal</i> , 2001, 161, 238-252.	0.6	90
4	Oxidative monensin metabolism and cytochrome P450 3A content and functions in liver microsomes from horses, pigs, broiler chicks, cattle and rats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2002, 24, 399-403.	0.6	64
5	Proteomic investigation in the detection of the illicit treatment of calves with growth-promoting agents. <i>Proteomics</i> , 2006, 6, 2813-2822.	1.3	51
6	Comparison of Hydrolytic and Conjugative Biotransformation Pathways in Horse, Cattle, Pig, Broiler Chick, Rabbit and Rat Liver Subcellular Fractions. <i>Veterinary Research Communications</i> , 2006, 30, 271-283.	0.6	46
7	Novel strategies for tracing the exposure of meat cattle to illegal growth-promoters. <i>Veterinary Journal</i> , 2011, 189, 34-42.	0.6	45
8	Effect of Breed upon Cytochromes P450 and Phase II Enzyme Expression in Cattle Liver. <i>Drug Metabolism and Disposition</i> , 2008, 36, 885-893.	1.7	43
9	Identification of internal control genes for quantitative expression analysis by real-time PCR in bovine peripheral lymphocytes. <i>Veterinary Journal</i> , 2011, 189, 278-283.	0.6	43
10	Effect of breed and gender on bovine liver cytochrome P450 3A (CYP3A) expression and inter-species comparison with other domestic ruminants. <i>Veterinary Research</i> , 2005, 36, 179-190.	1.1	40
11	Effects of dexamethasone, administered for growth promoting purposes, upon the hepatic cytochrome P450 3A expression in the veal calf. <i>Biochemical Pharmacology</i> , 2009, 77, 451-463.	2.0	38
12	Study of Dexamethasone Urinary Excretion Profile in Cattle by LC-MS/MS: Comparison between Therapeutic and Growth-Promoting Administration. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1299-1306.	2.4	38
13	Incidence of Poisonings in Domestic Carnivores in Italy. <i>Veterinary Research Communications</i> , 2004, 28, 83-88.	0.6	37
14	Metabolism and pharmacokinetics of pharmaceuticals in cats (<i>Felis sylvestris catus</i>) and implications for the risk assessment of feed additives and contaminants. <i>Toxicology Letters</i> , 2021, 338, 114-127.	0.4	37
15	Oxidative metabolism of monensin in rat liver microsomes and interactions with tiamulin and other chemotherapeutic agents: evidence for the involvement of cytochrome P-450 3A subfamily. <i>Drug Metabolism and Disposition</i> , 1999, 27, 1039-44.	1.7	37
16	An open source physiologically based kinetic model for the chicken (<i>Gallus gallus domesticus</i>): Calibration and validation for the prediction residues in tissues and eggs. <i>Environment International</i> , 2020, 136, 105488.	4.8	35
17	Modulation of aflatoxin B1 cytotoxicity and aflatoxin M1 synthesis by natural antioxidants in a bovine mammary epithelial cell line. <i>Toxicology in Vitro</i> , 2019, 57, 174-183.	1.1	33
18	A food safety control low mass range proteomics platform for the detection of illicit treatments in veal calves by MALDI-TOF-MS serum profiling. <i>Biotechnology Journal</i> , 2009, 4, 1596-1609.	1.8	29

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19	Effects of Turmeric Powder on Aflatoxin M1 and Aflatoxicol Excretion in Milk from Dairy Cows Exposed to Aflatoxin B1 at the EU Maximum Tolerable Levels. <i>Toxins</i> , 2022, 14, 430.	1.5	29
20	Zearalenone mycotoxicosis in piglets suckling sows fed contaminated grain. <i>Veterinary and Human Toxicology</i> , 1995, 37, 359-61.	0.3	24
21	Cytochrome P450 inhibition profile in liver of veal calves administered a combination of 17 β -estradiol, clenbuterol, and dexamethasone for growth-promoting purposes. <i>Food and Chemical Toxicology</i> , 2008, 46, 2849-2855.	1.8	23
22	Chromosome fragility in dairy cows exposed to dioxins and dioxin-like PCBs. <i>Mutagenesis</i> , 2011, 26, 269-272.	1.0	23
23	WS12 Measuring biological effects in the target species using proteomics: detection of the illegal treatment of cattle with performance enhancing agents. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 37-39.	0.6	22
24	Serum antioxidant enzyme activities and oxidative stress parameters as possible biomarkers of exposure in veal calves illegally treated with dexamethasone. <i>Toxicology in Vitro</i> , 2007, 21, 277-283.	1.1	22
25	Time-dependent acetylsalicylic acid effects on liver CYP1A and antioxidant enzymes in a rat model of 7,12-dimethylbenzanthracene (DMBA)-induced mammary carcinogenesis. <i>Toxicology Letters</i> , 2008, 181, 87-92.	0.4	22
26	Thymus atrophy and regeneration following dexamethasone administration to beef cattle. <i>Veterinary Record</i> , 2010, 167, 338-343.	0.2	22
27	Inhibition of Hepatic Xenobiotic Metabolism and of Glutathione-Dependent Enzyme Activities by Zinc Ethylene-Bis-Dithiocarbamate in the Rabbit *. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1993, 73, 233-239.	0.0	20
28	A field survey on the presence of prednisolone and prednisone in urine samples from untreated cows. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1893-1900.	1.1	20
29	Changes in lymphocyte glucocorticoid and beta-adrenergic receptors in veal calves treated with clenbuterol and steroid hormones for growth-promoting purposes*. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 91-97.	0.6	18
30	Toxic effects of theobromine on mature and immature male rabbits. <i>Journal of Comparative Pathology</i> , 1989, 100, 47-58.	0.1	16
31	Induction of hepatic drug metabolizing enzymes and interaction with carbon tetrachloride in rats after a single oral exposure to atrazine. <i>Toxicology Letters</i> , 1993, 69, 279-288.	0.4	16
32	The comparative effects of subchronic administration of triphenyltin acetate (TPTA) on the hepatic and renal drug-metabolizing enzymes in rabbits and lambs. <i>Veterinary Research Communications</i> , 1997, 21, 117-125.	0.6	16
33	Postnatal development of hepatic oxidative, hydrolytic and conjugative drug-metabolizing enzymes in female horses. <i>Life Sciences</i> , 2004, 74, 1605-1619.	2.0	16
34	Effects of an illicit cocktail on serum immunoglobulins, lymphocyte proliferation and cytokine gene expression in the veal calf. <i>Toxicology</i> , 2007, 242, 39-51.	2.0	16
35	Determination of prednisolone metabolites in beef cattle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1044-1054.	1.1	15
36	Effects of long-term administration of clenbuterol in mature female rats. <i>American Journal of Veterinary Research</i> , 1993, 54, 438-42.	0.3	15

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37	Triphenyltin acetate toxicity : a biochemical and ultrastructural study on mouse thymocytes. <i>Human and Experimental Toxicology</i> , 1996, 15, 219-225.	1.1	14
38	Acute Effects of Low Doses of Zineb and Ethylenethiourea on Thyroid Function in the Male Rat. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 56, 847-852.	1.3	12
39	Characterization of xenobiotic metabolizing enzymes in bovine small intestinal mucosa. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2010, 33, 295-303.	0.6	12
40	Interaction of mammary bovine ABCG2 with AFB1 and its metabolites and regulation by PCB 126 in a MDCKII in vitro model. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2017, 40, 591-598.	0.6	12
41	Triphenyltin acetate (TPTA)-induced cytotoxicity to mouse thymocytes. <i>Pharmacological Research</i> , 1994, 29, 179-186.	3.1	11
42	Gender differences in ethanol oxidation and cytochrome P4502E1 content and functions in hepatic microsomes from alcohol-preferring and non-preferring rats. <i>Xenobiotica</i> , 1996, 26, 1121-1129.	0.5	11
43	Constitutive expression and phenobarbital modulation of drug metabolizing enzymes and related nuclear receptors in cattle liver and extra-hepatic tissues. <i>Xenobiotica</i> , 2012, 42, 1096-1109.	0.5	11
44	Profile of the urinary excretion of prednisolone and its metabolites in finishing bulls and cows treated with a therapeutic schedule. <i>BMC Veterinary Research</i> , 2014, 10, 237.	0.7	11
45	Constitutive expression of the AHR signaling pathway in a bovine mammary epithelial cell line and modulation by dioxin-like PCB and other AHR ligands. <i>Toxicology Letters</i> , 2015, 232, 98-105.	0.4	11
46	Use of hepatic protein biomarkers for tracing the exposure of veal calves to illegal growth promoters: investigations on experimental samples and preliminary application under field conditions. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2008, 31, 272-275.	0.6	10
47	Comparative liver accumulation of dioxin-like compounds in sheep and cattle: Possible role of AhR-mediated xenobiotic metabolizing enzymes. <i>Science of the Total Environment</i> , 2016, 571, 1222-1229.	3.9	10
48	Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1991, 74, 349-61.	0.2	10
49	Triphenyltin acetate-induced cytotoxicity and CD4+ and CD8+ depletion in mouse thymocyte primary cultures. <i>Toxicology</i> , 2001, 169, 227-238.	2.0	9
50	Gene expression and inducibility of the aryl hydrocarbon receptor-dependent pathway in cultured bovine blood lymphocytes. <i>Toxicology Letters</i> , 2011, 206, 204-209.	0.4	9
51	Analysis of plasma indices of redox homeostasis in dairy cows reared in polluted areas of Piedmont (northern Italy). <i>Science of the Total Environment</i> , 2012, 433, 450-455.	3.9	9
52	Primary hepatocytes as an useful bioassay to characterize metabolism and bioactivity of illicit steroids in cattle. <i>Toxicology in Vitro</i> , 2012, 26, 1224-1232.	1.1	9
53	Safety and efficacy of butylated hydroxyanisole (BHA) as a feed additive for all animal species. <i>EFSA Journal</i> , 2018, 16, e05215.	0.9	9
54	EFFECTS OF THE IONOPHORE ANTIBIOTIC MONENSIN ON HEPATIC BIOTRANSFORMATIONS AND TARGET ORGAN MORPHOLOGY IN RATS. <i>Pharmacological Research</i> , 1999, 39, 5-10.	3.1	8

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55	Tissue distribution and phenobarbital induction of target SLC and ABC transporters in cattle. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 358-369.	0.6	8
56	Safety and efficacy of sodium and potassium alginate for pets, other non food-producing animals and fish. <i>EFSA Journal</i> , 2017, 15, e04945.	0.9	8
57	In vitro interactions of malachite green and leucomalachite green with hepatic drug-metabolizing enzyme systems in the rainbow trout (<i>Onchorhynchus mykiss</i>). <i>Toxicology Letters</i> , 2017, 280, 41-47.	0.4	8
58	Changes in the activities of hepatic xenobiotic metabolising enzymes after the administration of clenbuterol to female broilers. <i>Research in Veterinary Science</i> , 1996, 60, 33-36.	0.9	7
59	D03 Catalytic, immunochemical and molecular characterization of xenobiotic-metabolising enzyme modulation by phenobarbital in the bovine liver. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 115-116.	0.6	7
60	Modulation of aryl hydrocarbon receptor target genes in circulating lymphocytes from dairy cows bred in a dioxin-like PCB contaminated area. <i>Science of the Total Environment</i> , 2013, 450-451, 7-12.	3.9	7
61	Dioxins, DL-PCB and NDL-PCB accumulation profiles in livers from sheep and cattle reared in North-western Italy. <i>Chemosphere</i> , 2016, 152, 92-98.	4.2	7
62	Pathologic changes, tissue distribution, and extent of conversion to ethylenethiourea after subacute administration of zinc ethylene-bis-dithiocarbamate (zineb) to calves with immature rumen function. <i>American Journal of Veterinary Research</i> , 1991, 52, 1717-22.	0.3	7
63	Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate. <i>Veterinary and Human Toxicology</i> , 1994, 36, 300-4.	0.3	7
64	Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination. <i>Science of the Total Environment</i> , 2016, 542, 653-664.	3.9	6
65	Canonical discriminant analysis and meat quality analysis as complementary tools to detect the illicit use of dexamethasone as a growth promoter in Friesian bulls. <i>Veterinary Journal</i> , 2018, 235, 54-59.	0.6	6
66	Identification of candidate biomarkers of the exposure to PCBs in contaminated cattle: A gene expression- and proteomic-based approach. <i>Science of the Total Environment</i> , 2018, 640-641, 22-30.	3.9	6
67	Effects of the chronic administration of sodium selenite on rat testes. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1987, 58, 183-97.	0.2	6
68	Time-dependent variations of drug-metabolising enzyme activities (DMEs) in primary cultures of rabbit hepatocytes. <i>Toxicology in Vitro</i> , 2002, 16, 375-382.	1.1	5
69	Illegal Drug Treatments and Drug Metabolism: Biomarkers or Not?. <i>Veterinary Research Communications</i> , 2006, 30, 113-119.	0.6	5
70	In vitro formation of metabolic-intermediate cytochrome P450 complexes in rabbit liver microsomes by tiamulin and various macrolides. <i>Veterinary Research</i> , 2003, 34, 405-411.	1.1	5
71	Induction by Phenobarbital of Phase I and II Xenobiotic-Metabolizing Enzymes in Bovine Liver: An Overall Catalytic and Immunochemical Characterization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3564.	1.8	5
72	Pyrethroids are not the most appropriate remedy for tackling fleas and ticks in cats, and may be dangerous for fish too. <i>Veterinary Journal</i> , 2009, 182, 1-2.	0.6	4

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73	Effects of truck transportation and slaughtering on the occurrence of prednisolone and its metabolites in cow urine, liver, and adrenal glands. <i>BMC Veterinary Research</i> , 2019, 15, 336.	0.7	4
74	Triphenyltin acetate-mediated in vitro inactivation of rat liver cytochrome P-450. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1999, 56, 433-47.	0.5	4
75	Changes in hepatic and renal glutathione-dependent enzyme activities in rabbits and lambs subchronically treated with triphenyltin acetate. <i>Veterinary and Human Toxicology</i> , 2000, 42, 159-62.	0.3	4
76	Pathogenesis of sodium selenite and dimethylselenide acute toxicosis in pigs: Cardiovascular changes. <i>Research in Veterinary Science</i> , 1991, 50, 269-272.	0.9	3
77	The Proteomic Approach as a Tool to Detect the Illegal Treatment of Cattle with Performance Enhancing Agents. <i>Veterinary Research Communications</i> , 2006, 30, 121-125.	0.6	3
78	Mass spectrometric measurements of the apolipoproteins of bovine (<i>Bos taurus</i>) HDL. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2012, 7, 9-13.	0.4	3
79	Protective Effect of Natural Antioxidant Compounds on Methimazole Induced Oxidative Stress in a Feline Kidney Epithelial Cell Line (CRFK). <i>Veterinary Sciences</i> , 2021, 8, 220.	0.6	3
80	Pathogenesis of sodium selenite and dimethylselenide acute toxicosis in swine: tissue and blood biochemical changes. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1990, 67, 117-30.	0.2	3
81	Set-up of a multivariate approach based on serum biomarkers as an alternative strategy for the screening evaluation of the potential abuse of growth promoters in veal calves. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-10.	1.1	2
82	D16 Influence of diets containing animal or plant sterols and a boldenone/boldione combination on liver drug metabolism in veal calves. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 126-127.	0.6	1
83	“MALDI-TOF-MS serum proteomic profiling in dairy cows reared in POP-contaminated areas” <i>Journal of Biotechnology</i> , 2010, 150, 131-131.	1.9	1
84	Factors affecting chemical toxicity. , 2012, , 48-61.		1
85	Age- and sex-related effects on hepatic drug metabolism in rats chronically exposed to dietary atrazine. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1991, 73, 231-43.	0.2	1
86	Effects of the subchronic administration of zinc ethylene-bis-dithiocarbamate (zineb) to rabbits. <i>Veterinary and Human Toxicology</i> , 1995, 37, 137-42.	0.3	1
87	Zinc ethylene-bis-dithiocarbamate (Zineb)-mediated inhibition of monooxygenases and lipid peroxidation in bovine liver microsomes. <i>Veterinary and Human Toxicology</i> , 1997, 39, 272-5.	0.3	1
88	D15 Effects of acetylsalicylic acid administration on liver CYP1A, UGT and antioxidant enzymes in a rat model of dimethylbenzanthracene (DMBA)-induced mammary carcinogenesis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2006, 29, 125-126.	0.6	0
89	Hepatic tyrosine aminotransferase and glucocorticoid abuse in meat cattle. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2012, 35, 596-603.	0.6	0