## Carlo Nebbia

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Induction by Phenobarbital of Phase I and II Xenobiotic-Metabolizing Enzymes in Bovine Liver: An Overall Catalytic and Immunochemical Characterization. International Journal of Molecular Sciences, 2022, 23, 3564.	4.1	5
2	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. Toxins, 2022, 14, 430.	3.4	29
3	Metabolism and pharmacokinetics of pharmaceuticals in cats (Felix sylvestris catus) and implications for the risk assessment of feed additives and contaminants. Toxicology Letters, 2021, 338, 114-127.	0.8	37
4	Protective Effect of Natural Antioxidant Compounds on Methimazole Induced Oxidative Stress in a Feline Kidney Epithelial Cell Line (CRFK). Veterinary Sciences, 2021, 8, 220.	1.7	3
5	An open source physiologically based kinetic model for the chicken (Gallus gallus domesticus): Calibration and validation for the prediction residues in tissues and eggs. Environment International, 2020, 136, 105488.	10.0	35
6	Effects of truck transportation and slaughtering on the occurrence of prednisolone and its metabolites in cow urine, liver, and adrenal glands. BMC Veterinary Research, 2019, 15, 336.	1.9	4
7	Modulation of aflatoxin B1 cytotoxicity and aflatoxin M1 synthesis by natural antioxidants in a bovine mammary epithelial cell line. Toxicology in Vitro, 2019, 57, 174-183.	2.4	33
8	Canonical discriminant analysis and meat quality analysis as complementary tools to detect the illicit use of dexamethasone as a growth promoter in Friesian bulls. Veterinary Journal, 2018, 235, 54-59.	1.7	6
9	Safety and efficacy of butylated hydroxyanisole (BHA) as a feed additive for all animal species. EFSA Journal, 2018, 16, e05215.	1.8	9
10	Identification of candidate biomarkers of the exposure to PCBs in contaminated cattle: A gene expression- and proteomic-based approach. Science of the Total Environment, 2018, 640-641, 22-30.	8.0	6
11	Interaction of mammary bovine ABCG2 with AFB1 and its metabolites and regulation by PCB 126 in a MDCKII in vitro model. Journal of Veterinary Pharmacology and Therapeutics, 2017, 40, 591-598.	1.3	12
12	Safety and efficacy of sodium and potassium alginate forÂpets, other non foodâ€producing animals and fish. EFSA Journal, 2017, 15, e04945.	1.8	8
13	In vitro interactions of malachite green and leucomalachite green with hepatic drug-metabolizing enzyme systems in the rainbow trout (Onchorhyncus mykiss). Toxicology Letters, 2017, 280, 41-47.	0.8	8
14	Dioxins, DL-PCB and NDL-PCB accumulation profiles in livers from sheep and cattle reared in North-western Italy. Chemosphere, 2016, 152, 92-98.	8.2	7
15	Comparative liver accumulation of dioxin-like compounds in sheep and cattle: Possible role of AhR-mediated xenobiotic metabolizing enzymes. Science of the Total Environment, 2016, 571, 1222-1229.	8.0	10
16	Evaluation of serum markers of blood redox homeostasis and inflammation in PCB naturally contaminated heifers undergoing decontamination. Science of the Total Environment, 2016, 542, 653-664.	8.0	6
17	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. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-10.	2.3	2
18	Constitutive expression of the AHR signaling pathway in a bovine mammary epithelial cell line and modulation by dioxin-like PCB and other AHR ligands. Toxicology Letters, 2015, 232, 98-105.	0.8	11

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19	Profile of the urinary excretion of prednisolone and its metabolites in finishing bulls and cows treated with a therapeutic schedule. BMC Veterinary Research, 2014, 10, 237.	1.9	11
20	Tissue distribution and phenobarbital induction of target SLC―and <scp>ABC</scp> ―transporters in cattle. Journal of Veterinary Pharmacology and Therapeutics, 2013, 36, 358-369.	1.3	8
21	Modulation of aryl hydrocarbon receptor target genes in circulating lymphocytes from dairy cows bred in a dioxin-like PCB contaminated area. Science of the Total Environment, 2013, 450-451, 7-12.	8.0	7
22	Determination of prednisolone metabolites in beef cattle. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 1044-1054.	2.3	15
23	A field survey on the presence of prednisolone and prednisone in urine samples from untreated cows. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2012, 29, 1893-1900.	2.3	20
24	Analysis of plasma indices of redox homeostasis in dairy cows reared in polluted areas of Piedmont (northern Italy). Science of the Total Environment, 2012, 433, 450-455.	8.0	9
25	Mass spectrometric measurements of the apolipoproteins of bovine (Bos taurus) HDL. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2012, 7, 9-13.	1.0	3
26	Primary hepatocytes as an useful bioassay to characterize metabolism and bioactivity of illicit steroids in cattle. Toxicology in Vitro, 2012, 26, 1224-1232.	2.4	9
27	Constitutive expression and phenobarbital modulation of drug metabolizing enzymes and related nuclear receptors in cattle liver and extra-hepatic tissues. Xenobiotica, 2012, 42, 1096-1109.	1.1	11
28	Factors affecting chemical toxicity. , 2012, , 48-61.		1
29	Hepatic tyrosine aminotransferase and glucocorticoid abuse in meat cattle. Journal of Veterinary Pharmacology and Therapeutics, 2012, 35, 596-603.	1.3	0
30	Chromosome fragility in dairy cows exposed to dioxins and dioxin-like PCBs. Mutagenesis, 2011, 26, 269-272.	2.6	23
31	Gene expression and inducibility of the aryl hydrocarbon receptor-dependent pathway in cultured bovine blood lymphocytes. Toxicology Letters, 2011, 206, 204-209.	0.8	9
32	Novel strategies for tracing the exposure of meat cattle to illegal growth-promoters. Veterinary Journal, 2011, 189, 34-42.	1.7	45
33	Identification of internal control genes for quantitative expression analysis by real-time PCR in bovine peripheral lymphocytes. Veterinary Journal, 2011, 189, 278-283.	1.7	43
34	Characterization of xenobiotic metabolizing enzymes in bovine small intestinal mucosa. Journal of Veterinary Pharmacology and Therapeutics, 2010, 33, 295-303.	1.3	12
35	"MALDI-TOF-MS serum proteomic profiling in dairy cows reared in POP-contaminated areasâ€. Journal of Biotechnology, 2010, 150, 131-131.	3.8	1
36	Thymus atrophy and regeneration following dexamethasone administration to beef cattle. Veterinary Record, 2010, 167, 338-343.	0.3	22

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37	Pyrethroids are not the most appropriate remedy for tackling fleas and ticks in cats, and may be dangerous for fish too. Veterinary Journal, 2009, 182, 1-2.	1.7	4
38	Effects of dexamethasone, administered for growth promoting purposes, upon the hepatic cytochrome P450 3A expression in the veal calf. Biochemical Pharmacology, 2009, 77, 451-463.	4.4	38
39	A food safety control low massâ€range proteomics platform for the detection of illicit treatments in veal calves by MALDIâ€TOFâ€MS serum profiling. Biotechnology Journal, 2009, 4, 1596-1609.	3.5	29
40	Study of Dexamethasone Urinary Excretion Profile in Cattle by LCâ^'MS/MS: Comparison between Therapeutic and Growth-Promoting Administration. Journal of Agricultural and Food Chemistry, 2009, 57, 1299-1306.	5.2	38
41	Use of hepatic protein biomarkers for tracing the exposure of veal calves to illegal growthâ€promoters: investigations on experimental samples and preliminary application under field conditions. Journal of Veterinary Pharmacology and Therapeutics, 2008, 31, 272-275.	1.3	10
42	Time-dependent acetylsalicylic acid effects on liver CYP1A and antioxidant enzymes in a rat model of 7,12-dimethylbenzanthracene (DMBA)-induced mammary carcinogenesis. Toxicology Letters, 2008, 181, 87-92.	0.8	22
43	Cytochrome P450 inhibition profile in liver of veal calves administered a combination of 17β-estradiol, clenbuterol, and dexamethasone for growth-promoting purposes. Food and Chemical Toxicology, 2008, 46, 2849-2855.	3.6	23
44	Effect of Breed upon Cytochromes P450 and Phase II Enzyme Expression in Cattle Liver. Drug Metabolism and Disposition, 2008, 36, 885-893.	3.3	43
45	Serum antioxidant enzyme activities and oxidative stress parameters as possible biomarkers of exposure in veal calves illegally treated with dexamethasone. Toxicology in Vitro, 2007, 21, 277-283.	2.4	22
46	Effects of an illicit cocktail on serum immunoglobulins, lymphocyte proliferation and cytokine gene expression in the veal calf. Toxicology, 2007, 242, 39-51.	4.2	16
47	Proteomic investigation in the detection of the illicit treatment of calves with growth-promoting agents. Proteomics, 2006, 6, 2813-2822.	2.2	51
48	Changes in lymphocyte glucocorticoid and beta-adrenergic receptors in veal calves treated with clenbuterol and steroid hormones for growth-promoting purposes*. Journal of Veterinary Pharmacology and Therapeutics, 2006, 29, 91-97.	1.3	18
49	D15 Effects of acetylsalicylic acid administration on liver CYP1A, UGT and antioxidant enzymes in a rat model of dimethylbenzanthracene (DMBA)-induced mammary carcinogenesis. Journal of Veterinary Pharmacology and Therapeutics, 2006, 29, 125-126.	1.3	0
50	D16 Influence of diets containing animal or plant sterols and a boldenone/boldione combination on liver drug metabolism in veal calves. Journal of Veterinary Pharmacology and Therapeutics, 2006, 29, 126-127.	1.3	1
51	D03 Catalytic, immunochemical and molecular characterization of xenobiotic-metabolising enzyme modulation by phenobarbital in the bovine liver. Journal of Veterinary Pharmacology and Therapeutics, 2006, 29, 115-116.	1.3	7
52	WS12 Measuring biological effects in the target species using proteomics: detection of the illegal treatment of cattle with performance enhancing agents. Journal of Veterinary Pharmacology and Therapeutics, 2006, 29, 37-39.	1.3	22
53	Illegal Drug Treatments and Drug Metabolism: Biomarkers or Not?. Veterinary Research Communications, 2006, 30, 113-119.	1.6	5
54	The Proteomic Approach as a Tool to Detect the Illegal Treatment of Cattle with Performance Enhancing Agents. Veterinary Research Communications, 2006, 30, 121-125.	1.6	3

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55	Comparison of Hydrolytic and Conjugative Biotransformation Pathways in Horse, Cattle, Pig, Broiler Chick, Rabbit and Rat Liver Subcellullar Fractions. Veterinary Research Communications, 2006, 30, 271-283.	1.6	46
56	Effects of malachite green (MG) and its major metabolite, leucomalachite green (LMG), in two human cell lines. Toxicology in Vitro, 2005, 19, 853-858.	2.4	144
57	Effect of breed and gender on bovine liver cytochrome P450 3A (CYP3A) expression and inter-species comparison with other domestic ruminants. Veterinary Research, 2005, 36, 179-190.	3.0	40
58	Incidence of Poisonings in Domestic Carnivores in Italy. Veterinary Research Communications, 2004, 28, 83-88.	1.6	37
59	Postnatal development of hepatic oxidative, hydrolytic and conjugative drug-metabolizing enzymes in female horses. Life Sciences, 2004, 74, 1605-1619.	4.3	16
60	Comparative Expression of Liver Cytochrome P450-dependent Monooxygenases in the Horse and in other Agricultural and Laboratory Species. Veterinary Journal, 2003, 165, 53-64.	1.7	116
61	In vitro formation of metabolic-intermediate cytochrome P450 complexes in rabbit liver microsomes by tiamulin and various macrolides. Veterinary Research, 2003, 34, 405-411.	3.0	5
62	Time-dependent variations of drug-metabolising enzyme activities (DMEs) in primary cultures of rabbit hepatocytes. Toxicology in Vitro, 2002, 16, 375-382.	2.4	5
63	Oxidative monensin metabolism and cytochrome P450 3A content and functions in liver microsomes from horses, pigs, broiler chicks, cattle and rats. Journal of Veterinary Pharmacology and Therapeutics, 2002, 24, 399-403.	1.3	64
64	Triphenyltin acetate-induced cytotoxicity and CD4+ and CD8+ depletion in mouse thymocyte primary cultures. Toxicology, 2001, 169, 227-238.	4.2	9
65	Biotransformation Enzymes as Determinants of Xenobiotic Toxicity in Domestic Animals. Veterinary Journal, 2001, 161, 238-252.	1.7	90
66	Changes in hepatic and renal glutathione-dependent enzyme activities in rabbits and lambs subchronically treated with triphenyltin acetate. Veterinary and Human Toxicology, 2000, 42, 159-62.	0.3	4
67	EFFECTS OF THE IONOPHORE ANTIBIOTIC MONENSIN ON HEPATIC BIOTRANSFORMATIONS AND TARGET ORGAN MORPHOLOGY IN RATS. Pharmacological Research, 1999, 39, 5-10.	7.1	8
68	Triphenyltin acetate-mediated in vitro inactivation of rat liver cytochrome P-450. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1999, 56, 433-47.	0.5	4
69	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. Drug Metabolism and Disposition, 1999, 27, 1039-44.	3.3	37
70	The comparative effects of subchronic administration of triphenyltin acetate (TPTA) on the hepatic and renal drug-metabolizing enzymes in rabbits and lambs. Veterinary Research Communications, 1997, 21, 117-125.	1.6	16
71	Zinc ethylene-bis-dithiocarbamate (Zineb)-mediated inhibition of monooxygenases and lipid peroxidation in bovine liver microsomes. Veterinary and Human Toxicology, 1997, 39, 272-5.	0.3	1
72	Changes in the activities of hepatic xenobiotic metabolising enzymes after the administration of clenbuterol to female broilers. Research in Veterinary Science, 1996, 60, 33-36.	1.9	7

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73	Acute Effects of Low Doses of Zineb and Ethylenethiourea on Thyroid Function in the Male Rat. Bulletin of Environmental Contamination and Toxicology, 1996, 56, 847-852.	2.7	12
74	Triphenyltin acetate toxicity : a biochemical and ultrastructural study on mouse thymocytes. Human and Experimental Toxicology, 1996, 15, 219-225.	2.2	14
75	Gender differences in ethanol oxidation and cytochrome P4502E1 content and functions in hepatic microsomes from alcohol-preferring and non-preferring rats. Xenobiotica, 1996, 26, 1121-1129.	1.1	11
76	Effects of the subchronic administration of zinc ethylene-bis-dithiocarbamate (zineb) to rabbits. Veterinary and Human Toxicology, 1995, 37, 137-42.	0.3	1
77	Zearalenone mycotoxicosis in piglets suckling sows fed contaminated grain. Veterinary and Human Toxicology, 1995, 37, 359-61.	0.3	24
78	Triphenyltin acetate (TPTA)-induced cytotoxicity to mouse thymocytes. Pharmacological Research, 1994, 29, 179-186.	7.1	11
79	Pathological findings in rabbits and sheep following the subacute administration of triphenyltin acetate. Veterinary and Human Toxicology, 1994, 36, 300-4.	0.3	7
80	Inhibition of Hepatic Xenobiotic Metabolism and of Glutathioneâ€Dependent Enzyme Activities by Zinc Ethyleneâ€Bisâ€Dithiocarbamate in the Rabbit *. Basic and Clinical Pharmacology and Toxicology, 1993, 73, 233-239.	0.0	20
81	Induction of hepatic drug metabolizing enzymes and interaction with carbon tetrachloride in rats after a single oral exposure to atrazine. Toxicology Letters, 1993, 69, 279-288.	0.8	16
82	Effects of long-term administration of clenbuterol in mature female rats. American Journal of Veterinary Research, 1993, 54, 438-42.	0.6	15
83	Pathogenesis of sodium selenite and dimethylselenide acute toxicosis in pigs: Cardiovascular changes. Research in Veterinary Science, 1991, 50, 269-272.	1.9	3
84	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. American Journal of Veterinary Research, 1991, 52, 1717-22.	0.6	7
85	Lethality, hexobarbital narcosis and behavior in rats exposed to atrazine, bentazon or molinate. Research Communications in Chemical Pathology and Pharmacology, 1991, 74, 349-61.	0.2	10
86	Age- and sex-related effects on hepatic drug metabolism in rats chronically exposed to dietary atrazine. Research Communications in Chemical Pathology and Pharmacology, 1991, 73, 231-43.	0.2	1
87	Pathogenesis of sodium selenite and dimethylselenide acute toxicosis in swine: tissue and blood biochemical changes. Research Communications in Chemical Pathology and Pharmacology, 1990, 67, 117-30.	0.2	3
88	Toxic effects of theobromine on mature and immature male rabbits. Journal of Comparative Pathology, 1989, 100, 47-58.	0.4	16
89	Effects of the chronic administration of sodium selenite on rat testes. Research Communications in Chemical Pathology and Pharmacology, 1987, 58, 183-97.	0.2	6