Francesca Caloni

List of Publications by Citations

103 papers	2,159 citations	28 h-index	42 g-index
129 ext. papers	2,638 ext. citations	3.8 avg, IF	5.14 L-index

#	Paper	IF	Citations
103	Animal poisoning in Europe. Part 2: Companion animals. *Veterinary Journal*, **2010**, 183, 255-9	2.5	100
102	Fusarium mycotoxins: effects on reproductive function in domestic animals--a review. *Theriogenology*, **2013**, 80, 557-64	2.8	92
101	Animal poisoning in Europe. Part 3: Wildlife. *Veterinary Journal*, **2010**, 183, 260-5	2.5	86
100	Non-animal models of epithelial barriers (skin, intestine and lung) in research, industrial applications and regulatory toxicology. *ALTEX: Alternatives To Animal Experimentation*, **2015**, 32, 327-78	4.3	82
99	Molds and Mycotoxins: Potential Species-Specific Effects. *Toxins*, **2018**, 10,	4.9	80
98	Animal poisoning in Europe. Part 1: Farm livestock and poultry. *Veterinary Journal*, **2010**, 183, 249-54	2.5	75
97	Effects of Fusarium mycotoxins on steroid production by porcine granulosa cells. *Animal Reproduction Science*, **2008**, 107, 115-30	2.1	68
96	Caco-2/TC7 cell line characterization for intestinal absorption: how reliable is this in vitro model for the prediction of the oral dose fraction absorbed in human?. *Toxicology in Vitro*, **2011**, 25, 13-20	3.6	64
95	A Review of the Mycotoxin Enniatin B. *Frontiers in Public Health*, **2017**, 5, 304	6	62
94	Effects of fumonisin B1 alone and combined with deoxynivalenol or zearalenone on porcine granulosa cell proliferation and steroid production. *Theriogenology*, **2014**, 81, 1042-9	2.8	56
93	Aflatoxin M1 absorption and cytotoxicity on human intestinal in vitro model. *Toxicon*, **2006**, 47, 409-15	2.8	52
92	Suspected poisoning of domestic animals by pesticides. *Science of the Total Environment*, **2016**, 539, 331-336	5.6	48
91	Investigating landfill leachate toxicity in vitro: A review of cell models and endpoints. *Environment International*, **2019**, 122, 21-30	12.9	46
90	Effects of a trichothecene, T-2 toxin, on proliferation and steroid production by porcine granulosa cells. *Toxicon*, **2009**, 54, 337-44	2.8	43
89	Dioxin and PCB contamination of fish and shellfish: assessment of human exposure. Review of the international situation. *Veterinary Research Communications*, **2003**, 27 Suppl 1, 159-67	2.9	40
88	Epidemiology of intoxication of domestic animals by plants in Europe. *Veterinary Journal*, **2013**, 197, 163-8	2.5	38
87	Organoids are promising tools for species-specific in vitro toxicological studies. *Journal of Applied Toxicology*, **2019**, 39, 1610-1622	4.1	37

86	Cytotoxicity and proliferative capacity impairment induced on human brain cell cultures after short- and long-term exposure to magnetite nanoparticles. *Journal of Applied Toxicology*, **2017**, 37, 361-373	4.1	35
85	Animal poisoning in Italy: 10 years of epidemiological data from the Poison Control Centre of Milan. *Veterinary Record*, **2012**, 170, 415	0.9	35
84	Alkaloid-Containing Plants Poisonous to Cattle and Horses in Europe. *Toxins*, **2015**, 7, 5301-7	4.9	33
83	Evaluation of Fumonisin B(1) and its metabolites absorption and toxicity on intestinal cells line Caco-2. *Toxicon*, **2002**, 40, 1181-188	2.8	33
82	In vitro effects of deoxynivalenol and zearalenone major metabolites alone and combined, on cell proliferation, steroid production and gene expression in bovine small-follicle granulosa cells. *Toxicon*, **2016**, 109, 70-83	2.8	32
81	In vitro metabolism of fumonisin B1 by ruminal microflora. *Veterinary Research Communications*, **2000**, 24, 379-87	2.9	32
80	Toxicological effects of aflatoxins in horses. *Veterinary Journal*, **2011**, 188, 270-3	2.5	31
79	Effects of fusariotoxins in the equine species. *Veterinary Journal*, **2010**, 186, 157-61	2.5	31
78	Absorption of fumonisin B1 and aminopentol on an in vitro model of intestinal epithelium; the role of P-glycoprotein. *Toxicon*, **2005**, 45, 285-91	2.8	31
77	Influence of a Roundup formulation on glyphosate effects on steroidogenesis and proliferation of bovine granulosa cells in vitro. *Chemosphere*, **2017**, 188, 274-279	8.4	28
76	Internationalization of read-across as a validated new approach method (NAM) for regulatory toxicology. *ALTEX: Alternatives To Animal Experimentation*, **2020**, 37, 579-606	4.3	27
75	Pesticide incidence in poisoned baits: A 10-year report. *Science of the Total Environment*, **2017**, 601-602, 285-292	10.2	25
74	Aflatoxin B1 binding to sorbents in bovine ruminal fluid. *Veterinary Research Communications*, **2005**, 29, 507-15	2.9	25
73	Evidence for direct effects of glyphosate on ovarian function: glyphosate influences steroidogenesis and proliferation of bovine granulosa but not theca cells in vitro. *Journal of Applied Toxicology*, **2017**, 37, 692-698	4.1	24
72	Human 3D Cultures as Models for Evaluating Magnetic Nanoparticle CNS Cytotoxicity after Short- and Repeated Long-Term Exposure. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	24
71	Microarray analysis of insulin-like growth factor-I-induced changes in messenger ribonucleic acid expression in cultured porcine granulosa cells: possible role of insulin-like growth factor-I in angiogenesis. *Journal of Animal Science*, **2009**, 87, 1921-33	0.7	24
70	Optimizing drug discovery by Investigative Toxicology: Current and future trends. *ALTEX: Alternatives To Animal Experimentation*, **2019**, 36, 289-313	4.3	24
69	In vitro effects of the Fusarium mycotoxins fumonisin B and beauvericin on bovine granulosa cell proliferation and steroid production. *Toxicon*, **2017**, 128, 38-45	2.8	23

68	Detection of multiple mycotoxin occurrences in soy animal feed by traditional mycological identification combined with molecular species identification. *Toxicology Reports*, **2015**, 2, 275-279	4.8	21
67	Lead, cadmium and organochlorine pesticide residues in hunted red deer and wild boar from northern Italy. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2015**, 32, 1867-74	3.2	21
66	Types of pesticides involved in domestic and wild animal poisoning in Italy. *Science of the Total Environment*, **2020**, 707, 136129	10.2	21
65	Individual and combined effects of deoxynivalenol and □zearalenol on cell proliferation and steroidogenesis of granulosa cells in cattle. *Environmental Toxicology and Pharmacology*, **2015**, 40, 722-8	5.8	20
64	Human Co-culture Model of Neurons and Astrocytes to Test Acute Cytotoxicity of Neurotoxic Compounds. *International Journal of Toxicology*, **2017**, 36, 463-477	2.4	20
63	Transport of Aflatoxin M(1) in Human Intestinal Caco-2/TC7 Cells. *Frontiers in Pharmacology*, **2012**, 3, 111	5.6	20
62	A framework program for the teaching of alternative methods (replacement, reduction, refinement) to animal experimentation. *ALTEX: Alternatives To Animal Experimentation*, **2011**, 28, 341-52	4.3	17
61	Plant poisoning in domestic animals: epidemiological data from an Italian survey (2000-2011). *Veterinary Record*, **2013**, 172, 580	0.9	16
60	Synergistic inflammatory effect of PM10 with mycotoxin deoxynivalenol on human lung epithelial cells. *Toxicon*, **2015**, 104, 65-72	2.8	15
59	Household Food Items Toxic to Dogs and Cats. *Frontiers in Veterinary Science*, **2016**, 3, 26	3.1	15
58	Fusarium mycotoxins and in vitro species-specific approach with porcine intestinal and brain in vitro barriers: A review. *Food and Chemical Toxicology*, **2018**, 121, 666-675	4.7	15
57	Changes in fibroblast growth factor 9 mRNA in granulosa and theca cells during ovarian follicular growth in dairy cattle. *Journal of Dairy Science*, **2016**, 99, 9143-9151	4	14
56	Epidemiological study (2006-2012) on the poisoning of small animals by human and veterinary drugs. *Veterinary Record*, **2014**, 174, 222	0.9	13
55	Plants poisonous to horses in Europe. *Equine Veterinary Education*, **2015**, 27, 269-274	0.6	12
54	Epidemiology of intoxications in Italy. *Veterinary Research Communications*, **2004**, 28 Suppl 1, 89-95	2.9	12
53	Poisoning of dogs and cats by drugs intended for human use. *Veterinary Journal*, **2015**, 203, 52-8	2.5	11
52	Beauvericin: The beauty and the beast. *Environmental Toxicology and Pharmacology*, **2020**, 75, 103349	5.8	11
51	Hydrocortisone levels in the urine and blood of horses treated with ACTH. *Equine Veterinary Journal*, **1999**, 31, 273-6	2.4	11

50	Metal content in the liver, kidney, and feathers of Northern gannets, Morus bassanus, sampled on the Spanish coast. *Environmental Science and Pollution Research*, **2019**, 26, 19646-19654	5.1	10
49	Beauvericin and Enniatins: In Vitro Intestinal Effects. *Toxins*, **2020**, 12,	4.9	10
48	Deoxynivalenol and T-2 Toxin in Raw Feeds for Horses. *Journal of Equine Veterinary Science*, **2012**, 32, 72-74	1.2	10
47	Toxicological effects of fumonisin B1 alone and in combination with other fusariotoxins on bovine granulosa cells. *Toxicon*, **2016**, 118, 47-53	2.8	10
46	Fumonisin B1 metabolism by bovine liver microsomes. *Veterinary Research Communications*, **2001**, 25, 511-6	2.9	9
45	Glyphosate-surfactant herbicide poisoning in domestic animals: an epidemiological survey. *Veterinary Record*, **2015**, 176, 413	0.9	8
44	Epidemiology of animal poisonings in Europe **2012**, 88-97		8
43	evaluation of magnetite nanoparticles in human mesenchymal stem cells: comparison of different cytotoxicity assays. *Toxicology Mechanisms and Methods*, **2020**, 30, 48-59	3.6	8
42	Cytotoxic and proinflammatory responses induced by ZnO nanoparticles in in vitro intestinal barrier. *Journal of Applied Toxicology*, **2019**, 39, 1155-1163	4.1	7
41	In vitro study with Caco-2 cells on fumonisin B1: aminopentol intestinal passage and role of P-glycoprotein. *Veterinary Research Communications*, **2005**, 29 Suppl 2, 285-7	2.9	7
40	Investigations on the stereoselective action of isoxsuprine on alpha- and beta-adrenoceptors in equine common digital artery. *Pharmacological Research*, **1999**, 40, 177-82	10.2	7
39	Prolonged presence of isoxsuprine in equine serum after oral administration. *Xenobiotica*, **1994**, 24, 339-46		7
38	Species-specific models in toxicology: in vitro epithelial barriers. *Environmental Toxicology and Pharmacology*, **2019**, 70, 103203	5.8	6
37	Detection of beta 2-agonists in milk replacer. *Veterinary Research Communications*, **1995**, 19, 285-93	2.9	6
36	Human neuronal cell based assay: A new in vitro model for toxicity evaluation of ciguatoxin. *Environmental Toxicology and Pharmacology*, **2017**, 52, 200-213	5.8	5
35	Direct effects of the algal toxin, domoic acid, on ovarian function: Bovine granulosa and theca cells as an in vitro model. *Ecotoxicology and Environmental Safety*, **2015**, 113, 314-20	7	5
34	Evaluation of aflatoxin B1 embryotoxicity using the frog embryo teratogenesis assay-Xenopus and bio-activation with microsome activation systems. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2007**, 80, 183-7		5
33	Neuron-Like Cells Generated from Human Umbilical Cord Lining-Derived Mesenchymal Stem Cells as a New In Vitro Model for Neuronal Toxicity Screening: Using Magnetite Nanoparticles as an Example. *International Journal of Molecular Sciences*, **2019**, 21,	6.3	5

32	Student perspectives on the use of alternative methods for teaching in veterinary faculties. *ATLA Alternatives To Laboratory Animals*, **2014**, 42, 223-33	2.1	4
31	Indoor poisoning of companion animals by chemicals. *Science of the Total Environment*, **2020**, 733, 139366	10.2	4
30	Epidemiology of Animal Poisonings in Europe **2018**, 45-56		3
29	Poisonings in domestic animals: 2009 report of the poison control centre of Milan. *Toxicology Letters*, **2010**, 196, S51	4.4	3
28	Long-established and emerging pesticide poisoning in horses. *Equine Veterinary Education*, **2019**, 31, 496-500	0.6	3
27	Determination of dexamethasone in milk of dairy cows by immuno-enzymatic assay. *Veterinary and Human Toxicology*, **2000**, 42, 345-8		3
26	Nanosupplements and Animal Health **2019**, 749-764		2
25	Natural toxins: Poisoning of domestic animal in Italy 2016 annual report. *Toxicology Letters*, **2017**, 280, S199	4.4	2
24	Aflatoxin M1 effects on Xenopus laevis development. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, **2006**, 77, 234-7		2
23	Transfer of lindane and pentachlorobenzene from mother to newborn rabbits. *Basic and Clinical Pharmacology and Toxicology*, **1994**, 74, 28-34		2
22	Air, water and soil: Which alternatives? Alternative models in environmental toxicology. *ALTEX: Alternatives To Animal Experimentation*, **2018**, 35, 254-256	4.3	2
21	Alternative methods: 3Rs, research and regulatory aspects. *ALTEX: Alternatives To Animal Experimentation*, **2013**, 30, 378-80	4.3	2
20	IN vitro toxicology: From INtestine to braIN. *ALTEX: Alternatives To Animal Experimentation*, **2017**, 34, 439-440	4.3	2
19	Suspected environmental poisoning by drugs, household products and pesticides in domestic animals. *Environmental Toxicology and Pharmacology*, **2020**, 80, 103471	5.8	2
18	Indoor Companion Animal Poisoning by Plants in Europe. *Frontiers in Veterinary Science*, **2020**, 7, 487	3.1	2
17	Replacement of animal testing by integrated approaches to testing and assessment (IATA): a call for in vivitrosi.. *Archives of Toxicology*, **2022**, 1	5.8	2
16	Plants Toxic to Farm and Companion Animals. *Toxinology*, **2017**, 107-134	0	1
15	RT03Education and 3Rs: an Italian experience in veterinary toxicology. *Journal of Veterinary Pharmacology and Therapeutics*, **2006**, 29, 12-13	1.4	1

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14	3Rs in Education. *ALTEX: Alternatives To Animal Experimentation*, **2016**, 33, 185-6	4.3	1
13	Toxicology is IN: in silico, in vitro, integrated testing strategy. *ALTEX: Alternatives To Animal Experimentation*, **2016**, 33, 187-8	4.3	1
12	New alternative models for in vitro toxicology. *ALTEX: Alternatives To Animal Experimentation*, **2016**, 33, 470-471	4.3	1
11	Effects of selected hormones and their combination on progesterone and estradiol production and proliferation of feline granulosa cells cultured in vitro. *Theriogenology*, **2021**, 168, 1-12	2.8	1
10	In vitro copper oxide nanoparticle toxicity on intestinal barrier. *Journal of Applied Toxicology*, **2021**, 41, 291-302	4.1	1
9	Changes in fibroblast growth factor receptors-1c, -2c, -3c, and -4 mRNA in granulosa and theca cells during ovarian follicular growth in dairy cattle.. *Domestic Animal Endocrinology*, **2022**, 80, 106712	2.3	0
8	Plants and zootoxins: Toxico-epidemiological investigation in domestic animals. *Toxicon*, **2021**, 196, 25-31	1.8	0
7	Reference intervals for B-esterases in gull, Larus michahellis (Nauman, 1840) from Northwest Spain: influence of age, gender, and tissue. *Environmental Science and Pollution Research*, **2018**, 25, 1533-1542	5.1	0
6	Fusariotoxins and Pig Granulosa Cells: In vitro Effects on Cellular Proliferation. *Veterinary Research Communications*, **2006**, 30, 281-283	2.9	
5	Models on liver: alternative methods in hepatotoxicity. *ALTEX: Alternatives To Animal Experimentation*, **2015**, 32, 228-9	4.3	
4	Plants Toxic to Farm and Companion Animals **2016**, 1-28		
3	From cells to QSAR: Alternative predictive models in toxicology. *ALTEX: Alternatives To Animal Experimentation*, **2017**, 34, 168-171	4.3	
2	Toxicology and stem cells: New frontiers. *ALTEX: Alternatives To Animal Experimentation*, **2014**, 31, 94	4.3	
1	Plants and mushrooms associated with animal poisoning incidents in South Africa. *Veterinary Record Open*, **2020**, 7, e000402	1.4	