Mery Giantin

List of Publications by Year
in descending order

60 papers	947 citations	430874 18 h-index	552781 26 g-index
61 all docs	61 docs citations	61 times ranked	1045 citing authors

#	Article	IF	Citations
1	Vimentin binds to G-quadruplex repeats found at telomeres and gene promoters. Nucleic Acids Research, 2022, 50, 1370-1381.	14.5	13
2	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
3	Hypermethylation-Mediated Silencing of CIDEA, MAL and PCDH17 Tumour Suppressor Genes in Canine DLBCL: From Multi-Omics Analyses to Mechanistic Studies. International Journal of Molecular Sciences, 2022, 23, 4021.	4.1	3
4	Does Bentonite Cause Cytotoxic and Whole-Transcriptomic Adverse Effects in Enterocytes When Used to Reduce Aflatoxin B1 Exposure?. Toxins, 2022, 14, 435.	3.4	1
5	Discovering the Protective Effects of Resveratrol on Aflatoxin B1-Induced Toxicity: A Whole Transcriptomic Study in a Bovine Hepatocyte Cell Line. Antioxidants, 2021, 10, 1225.	5.1	15
6	G-Quadruplex Modulation of SP1 Functional Binding Sites at the KIT Proximal Promoter. International Journal of Molecular Sciences, 2021, 22, 329.	4.1	28
7	Whole-transcriptome profiling of sheep fed with a high iodine-supplemented diet. Animal, 2020, 14, 745-752.	3.3	4
8	Midazolam oxidation in cattle liver microsomes: The role of cytochrome P450 3A. Journal of Veterinary Pharmacology and Therapeutics, 2020, 43, 608-613.	1.3	2
9	AhR-activating pesticides increase the bovine ABCG2 efflux activity in MDCKII-bABCG2 cells. PLoS ONE, 2020, 15, e0237163.	2.5	6
10	Missense single nucleotide variants affecting CYP3A catalytic activity are present in Limousine cattle. Italian Journal of Animal Science, 2020, 19, 880-886.	1.9	1
11	Curcumin Mitigates AFB1-Induced Hepatic Toxicity by Triggering Cattle Antioxidant and Anti-inflammatory Pathways: A Whole Transcriptomic In Vitro Study. Antioxidants, 2020, 9, 1059.	5.1	37
12	Insights into Aflatoxin B1 Toxicity in Cattle: An In Vitro Whole-Transcriptomic Approach. Toxins, 2020, 12, 429.	3.4	22
13	Nutrigenomic Effects of Long-Term Grape Pomace Supplementation in Dairy Cows. Animals, 2020, 10, 714.	2.3	15
14	Significance of the goby Zosterisessor ophiocephalus as a sentinel species for Venice Lagoon contamination: Combining biomarker responses and bioaccumulation. Science of the Total Environment, 2019, 660, 959-973.	8.0	1
15	Effects of fenbendazole and triclabendazole on the expression of cytochrome P450 1A and flavin-monooxygenase isozymes in bovine precision-cut liver slices. Veterinary Journal, 2019, 245, 61-69.	1.7	6
16	DNA elements for constitutive androstane receptor- and pregnane X receptor-mediated regulation of bovine CYP3A28 gene. PLoS ONE, 2019, 14, e0214338.	2.5	4
17	Longitudinal transcriptomic and genetic landscape of radiotherapy response in canine melanoma. Veterinary and Comparative Oncology, 2019, 17, 308-316.	1.8	12
18	Iodine Supplemented Diet Positively Affect Immune Response and Dairy Product Quality in Fresian Cow. Animals, 2019, 9, 866.	2.3	11

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19	Functional impact of cytochrome P450 3A (CYP3A) missense variants in cattle. Scientific Reports, 2019, 9, 19672.	3.3	6
20	New molecular and therapeutic insights into canine diffuse large B-cell lymphoma elucidates the role of the dog as a model for human disease. Haematologica, 2019, 104, e256-e259.	3.5	43
21	Whole-Transcriptome Profiling of Canine and Human in Vitro Models Exposed to a G-Quadruplex Binding Small Molecule. Scientific Reports, 2018, 8, 17107.	3.3	19
22	Targeting Canine KIT Promoter by Candidate DNA G-Quadruplex Ligands. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 461-472.	2.5	4
23	Validation of epigenetic mechanisms regulating gene expression in canine B-cell lymphoma: An in vitro and in vivo approach. PLoS ONE, 2018, 13, e0208709.	2.5	6
24	RNA Sequencing-Based Whole-Transcriptome Analysis of Friesian Cattle Fed with Grape Pomace-Supplemented Diet. Animals, 2018, 8, 188.	2.3	25
25	Canine Splenic Nodular Lymphoid Lesions: Immunophenotyping, Proliferative Activity, and Clonality Assessment. Veterinary Pathology, 2018, 55, 645-653.	1.7	17
26	New Molecular and Therapeutic Insights into Canine Diffuse Large B Cell Lymphoma Elucidates the Role of the Dog As a Model for Human Disease. Blood, 2018, 132, 4173-4173.	1.4	0
27	Transcriptome profiling and functional analysis of sheep fed with high zinc-supplemented diet: A nutrigenomic approach. Animal Feed Science and Technology, 2017, 234, 195-204.	2.2	11
28	DNA methylation profiling reveals common signatures of tumorigenesis and defines epigenetic prognostic subtypes of canine Diffuse Large B-cell Lymphoma. Scientific Reports, 2017, 7, 11591.	3.3	29
29	Transcriptomic characterization of bovine primary cultured hepatocytes; a cross-comparison with a bovine liver and the Madin-Darby bovine kidney cells. Research in Veterinary Science, 2017, 113, 40-49.	1.9	8
30	Transcriptomic analysis identified up-regulation of a solute carrier transporter and UDP glucuronosyltransferases in dogs with aggressive cutaneous mast cell tumours. Veterinary Journal, 2016, 212, 36-43.	1.7	11
31	The transcriptome of muscle and liver is responding differently to a combined trenbolone acetate and estradiol implant in cattle. Steroids, 2016, 106, 1-8.	1.8	12
32	Feline intestinal mast cell tumours: clinicopathological characterisation andKITmutation analysis. Journal of Feline Medicine and Surgery, 2016, 18, 280-289.	1.6	18
33	Characterization of ligand-dependent activation of bovine and pig constitutive androstane (CAR) and pregnane X receptors (PXR) with interspecies comparisons. Xenobiotica, 2016, 46, 200-210.	1.1	9
34	Screening of candidate G-quadruplex ligands for the human c-KIT promotorial region and their effects in multiple in-vitro models. Oncotarget, 2016, 7, 21658-21675.	1.8	35
35	Mutational Hotspot of TET2, IDH1, IDH2, SRSF2, SF3B1, KRAS, and NRAS from Human Systemic Mastocytosis Are Not Conserved in Canine Mast Cell Tumors. PLoS ONE, 2015, 10, e0142450.	2.5	10
36	Transcriptomic analysis of skeletal muscle from beef cattle exposed to illicit schedules containing dexamethasone: identification of new candidate biomarkers and their validation using samples from a field monitoring trial. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1448-1463.	2.3	9

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37	Molecular biomarkers of phospholipidosis in rat blood and heart after amiodarone treatment. Journal of Applied Toxicology, 2015, 35, 90-103.	2.8	8
38	Abstract 4551: Impairment of c-kit expression in human cancer cell lines by a novel pharmacophoric unit selected for the recognition of the proto-oncogene KIT promotorial region. , 2015, , .		0
39	Global Gene Expression Analysis of Canine Cutaneous Mast Cell Tumor: Could Molecular Profiling Be Useful for Subtype Classification and Prognostication?. PLoS ONE, 2014, 9, e95481.	2.5	21
40	Minimal residual disease detection by flow cytometry and PARR in lymph node, peripheral blood and bone marrow, following treatment of dogs with diffuse large B-cell lymphoma. Veterinary Journal, 2014, 200, 318-324.	1.7	31
41	DNA and RNA isolation from canine oncologic formalin-fixed, paraffin-embedded tissues for downstream â€œ-omicâ€•analyses. Journal of Veterinary Diagnostic Investigation, 2014, 26, 117-124.	1.1	11
42	Sequencing and G-Quadruplex Folding of the Canine Proto-Oncogene KIT Promoter Region: Might Dog Be Used as a Model for Human Disease?. PLoS ONE, 2014, 9, e103876.	2.5	17
43	The role of vascular endothelial growth factor and matrix metalloproteinases in canine lymphoma: in vivo and in vitro study. BMC Veterinary Research, 2013, 9, 94.	1.9	18
44	Separation and quantification of water buffalo milk protein fractions and genetic variants by RP-HPLC. Food Chemistry, 2013, 136, 364-367.	8.2	37
45	Evaluation of tyrosine-kinase receptor c-KIT (c-KIT) mutations, mRNA and protein expression in canine leukemia: Might c-KIT represent a therapeutic target?. Veterinary Immunology and Immunopathology, 2013, 152, 325-332.	1.2	6
46	Evaluation of tyrosine-kinase receptor c-kit mutations, mRNA and protein expression in canine lymphoma: Might c-kit represent a therapeutic target?. Veterinary Immunology and Immunopathology, 2013, 154, 153-159.	1.2	12
47	Matrix metalloproteinases and vascular endothelial growth factor expression in canine leukaemias. Veterinary Journal, 2013, 196, 260-262.	1.7	6
48	c-KIT messenger RNA and protein expression and mutations in canine cutaneous mast cell tumors. Journal of Veterinary Diagnostic Investigation, 2012, 24, 116-126.	1.1	36
49	Effects of Time Culture and Prototypical Cytochrome P450 3A (CYP3A) Inducers on CYP2B22, CYP2C, CYP3A and Nuclear Receptor (NR) mRNAs in Long-term Cryopreserved Pig Hepatocytes (CPHs). Drug Metabolism and Pharmacokinetics, 2012, 27, 495-505.	2.2	9
50	Expression of Matrix Metalloproteinases, Tissue Inhibitors of Metalloproteinases and Vascular Endothelial Growth Factor in Canine Mast Cell Tumours. Journal of Comparative Pathology, 2012, 147, 419-429.	0.4	37
51	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
52	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
53	Steroidogenic enzyme gene expression profiles in the testis of cattle treated with illicit growth promoters. Steroids, 2011, 76, 508-516.	1.8	13
54	Matrix metalloproteinases and their inhibitors in canine mammary tumors. BMC Veterinary Research, 2011, 7, 33.	1.9	38

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55	High performance liquid chromatography determination of cytochrome P450 1A and 2C activities in bovine liver microsomes. Veterinary Journal, 2010, 183, 81-88.	1.7	20
56	Constitutive expression of drug metabolizing enzymes and related transcription factors in cattle testis and their modulation by illicit steroids. Xenobiotica, 2010, 40, 670-680.	1.1	12
57	Effects of Illicit Dexamethasone upon Hepatic Drug Metabolizing Enzymes and Related Transcription Factors mRNAs and Their Potential Use As Biomarkers in Cattle. Journal of Agricultural and Food Chemistry, 2010, 58, 1342-1349.	5.2	34
58	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
59	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
60	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