

# Maria Elena Gelain

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

1,500  
citations

304602

22  
h-index

377752

34  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1560  
citing authors

#	ARTICLE	IF	CITATIONS
1	The dog as a possible animal model for human non-Hodgkin lymphoma: a review. <i>Hematological Oncology</i> , 2013, 31, 1-9.	0.8	132
2	Aberrant phenotypes and quantitative antigen expression in different subtypes of canine lymphoma by flow cytometry. <i>Veterinary Immunology and Immunopathology</i> , 2008, 121, 179-188.	0.5	81
3	Immunophenotype Predicts Survival Time in Dogs with Chronic Lymphocytic Leukemia. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 100-106.	0.6	60
4	Use of flow cytometric immunophenotyping to refine the cytological diagnosis of canine lymphoma. <i>Veterinary Journal</i> , 2011, 188, 149-155.	0.6	57
5	Oxidative Stress and Nutraceuticals in the Modulation of the Immune Function: Current Knowledge in Animals of Veterinary Interest. <i>Antioxidants</i> , 2019, 8, 28.	2.2	48
6	Identification of suitable endogenous controls and differentially expressed microRNAs in canine fresh-frozen and FFPE lymphoma samples. <i>Leukemia Research</i> , 2010, 34, 1070-1077.	0.4	44
7	Accuracy of cytology in distinguishing adrenocortical tumors from pheochromocytoma in companion animals. <i>Veterinary Clinical Pathology</i> , 2014, 43, 453-459.	0.3	38
8	Whole blood cytokine profiles in cats infected by feline coronavirus and healthy non-FCoV infected specific pathogen-free cats. <i>Journal of Feline Medicine and Surgery</i> , 2006, 8, 389-399.	0.6	37
9	Expression of Matrix Metalloproteinases, Tissue Inhibitors of Metalloproteinases and Vascular Endothelial Growth Factor in Canine Mast Cell Tumours. <i>Journal of Comparative Pathology</i> , 2012, 147, 419-429.	0.1	37
10	Flow cytometric detection of phenotypic aberrancies in canine small clear cell lymphoma. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 281-287.	0.8	37
11	Screening of candidate G-quadruplex ligands for the human <i>c-KIT</i> promotorial region and their effects in multiple <i>in-vitro</i> models. <i>Oncotarget</i> , 2016, 7, 21658-21675.	0.8	35
12	Epigenetic Silencing of TFPI-2 in Canine Diffuse Large B-Cell Lymphoma. <i>PLoS ONE</i> , 2014, 9, e92707.	1.1	33
13	Features and prognostic impact of distant metastases in 45 dogs with de novo stage IV cutaneous mast cell tumours: A prospective study. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 28-36.	0.8	32
14	Splenic Marginal Zone Lymphoma in 5 Dogs (2001-2008). <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 90-93.	0.6	31
15	Use of transfer learning to detect diffuse degenerative hepatic diseases from ultrasound images in dogs: A methodological study. <i>Veterinary Journal</i> , 2018, 233, 35-40.	0.6	31
16	Disseminated histiocytic sarcoma with peripheral blood involvement in a Bernese Mountain dog. <i>Veterinary Clinical Pathology</i> , 2009, 38, 126-130.	0.3	28
17	Correlation of renal histopathology with renal echogenicity in dogs and cats: an ex-vivo quantitative study. <i>BMC Veterinary Research</i> , 2015, 11, 99.	0.7	27
18	Serum $\alpha$ 1-acid glycoprotein (AGP) concentration in non-symptomatic cats with feline coronavirus (FCoV) infection. <i>Journal of Feline Medicine and Surgery</i> , 2007, 9, 271-277.	0.6	25

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19	Immunophenotype-related microRNA expression in canine chronic lymphocytic leukemia. <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 228-235.	0.5	25
20	Flow cytometric evaluation of ki67 for the determination of malignancy grade in canine lymphoma. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 475-480.	0.8	25
21	Pathology of Coronavirus Infections: A Review of Lesions in Animals in the One-Health Perspective. <i>Animals</i> , 2020, 10, 2377.	1.0	25
22	Flow cytometric patterns in blood from dogs with non-neoplastic and neoplastic hematologic diseases using double labeling for CD18 and CD45. <i>Veterinary Clinical Pathology</i> , 2006, 35, 47-54.	0.3	24
23	Acute Megakaryoblastic Leukemia in Dogs: A Report of Three Cases and Review of the Literature. <i>Journal of the American Animal Hospital Association</i> , 2010, 46, 327-335.	0.5	23
24	<sc>VEGF</sc> and <sc>MMP</sc>: biomarkers for canine lymphoma. <i>Veterinary and Comparative Oncology</i> , 2014, 12, 29-36.	0.8	23
25	Peripheral blood abnormalities and bone marrow infiltration in canine large B-cell lymphoma: is there a link?. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 117-123.	0.8	23
26	Associations between differential somatic cell count and milk yield, quality, and technological characteristics in Holstein cows. <i>Journal of Dairy Science</i> , 2021, 104, 4822-4836.	1.4	22
27	Chronic eosinophilic leukemia in a cat: cytochemical and immunophenotypical features. <i>Veterinary Clinical Pathology</i> , 2006, 35, 454-459.	0.3	21
28	Evaluation of a ketamine-propofol drug combination with or without dexmedetomidine for intravenous anesthesia in cats undergoing ovarioectomy. <i>Journal of the American Veterinary Medical Association</i> , 2012, 241, 1307-1313.	0.2	20
29	Prognostic significance of Ki67 evaluated by flow cytometry in dogs with high-grade B-cell lymphoma. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 431-440.	0.8	20
30	Acute Phase Proteins in Marine Mammals: State of Art, Perspectives and Challenges. <i>Frontiers in Immunology</i> , 2019, 10, 1220.	2.2	20
31	Feline morbillivirus in Northern Italy: prevalence in urine and kidneys with and without renal disease. <i>Veterinary Microbiology</i> , 2019, 233, 133-139.	0.8	20
32	Effect of dietary supplementation with yeast cell wall extracts on performance and gut response in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 40.	2.1	20
33	Association between faecal shedding of feline coronavirus and serum $\pm$ 1-acid glycoprotein sialylation. <i>Journal of Feline Medicine and Surgery</i> , 2008, 10, 514-518.	0.6	19
34	The role of vascular endothelial growth factor and matrix metalloproteinases in canine lymphoma: in vivo and in vitro study. <i>BMC Veterinary Research</i> , 2013, 9, 94.	0.7	18
35	Cytologic features and diagnostic accuracy of analysis of effusions for detection of ovarian carcinoma in dogs. <i>Veterinary Clinical Pathology</i> , 2012, 41, n/a-n/a.	0.3	17
36	Cytology of the healthy canine and feline ocular surface: comparison between cytobrush and impression technique. <i>Veterinary Clinical Pathology</i> , 2017, 46, 164-171.	0.3	16

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37	Platelet-derived Growth Factors and Receptors in Canine Lymphoma. <i>Journal of Comparative Pathology</i> , 2014, 151, 322-328.	0.1	15
38	Growth Factors and COX2 Expression in Canine Perivascular Wall Tumors. <i>Veterinary Pathology</i> , 2015, 52, 1034-1040.	0.8	15
39	Flow cytometric expression of common antigens CD18/CD45 in blood from dogs with lymphoid malignancies: A semi-quantitative study. <i>Veterinary Immunology and Immunopathology</i> , 2006, 112, 243-252.	0.5	14
40	A novel point mutation in the $\beta$ -tubulin gene in asymptomatic macrothrombocytopenic Norfolk and Cairn Terriers. <i>Veterinary Clinical Pathology</i> , 2014, 43, 317-321.	0.3	14
41	Cytological and histological correlation in diagnosing feline and canine mediastinal masses. <i>Journal of Small Animal Practice</i> , 2014, 55, 28-32.	0.5	13
42	Chronic lymphocytic leukemia transformation into high-grade lymphoma: a description of Richter's syndrome in eight dogs. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 366-373.	0.8	13
43	Kit receptor tyrosine kinase dysregulations in feline splenic mast cell tumours. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1051-1061.	0.8	13
44	Clinico-pathological findings in a striped dolphin ( <i>Stenella coeruleoalba</i> ) affected by rhabdomyolysis and myoglobinuric nephrosis (capture myopathy). <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1013-1018.	0.3	13
45	Glycan moiety modifications of feline $\beta$ -1-acid glycoprotein in retrovirus (FIV, FeLV) affected cats. <i>Veterinary Immunology and Immunopathology</i> , 2005, 107, 17-26.	0.5	12
46	Evaluation of tyrosine-kinase receptor c-kit mutations, mRNA and protein expression in canine lymphoma: Might c-kit represent a therapeutic target?. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 153-159.	0.5	12
47	Quantitative analysis of ultrasonographic images and cytology in relation to histopathology of canine and feline liver: An ex-vivo study. <i>Research in Veterinary Science</i> , 2015, 103, 164-169.	0.9	12
48	Identification of neoplastic cells in blood using the Sysmex XT-2000iV: a preliminary step in the diagnosis of canine leukemia. <i>Veterinary Clinical Pathology</i> , 2010, 39, 169-179.	0.3	11
49	X-Linked Hereditary Nephropathy in Navasota Dogs. <i>Veterinary Pathology</i> , 2016, 53, 803-812.	0.8	11
50	Diagnostic Validation of a Whole-Slide Imaging Scanner in Cytological Samples: Diagnostic Accuracy and Comparison With Light Microscopy. <i>Veterinary Pathology</i> , 2019, 56, 429-434.	0.8	11
51	Concordance between Histology, Immunohistochemistry, and RT-PCR in the Diagnosis of Feline Infectious Peritonitis. <i>Pathogens</i> , 2020, 9, 852.	1.2	11
52	Histological and immunohistochemical characterization of feline renal cell carcinoma: a case series. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1039-1043.	0.3	10
53	Wnt/ $\beta$ -Catenin and Hippo Pathway Deregulation in Mammary Tumors of Humans, Dogs, and Cats. <i>Veterinary Pathology</i> , 2020, 57, 774-790.	0.8	9
54	Extreme monocytosis in a dog with chronic monocytic leukaemia. <i>Veterinary Record</i> , 2009, 165, 54-56.	0.2	8

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55	CD44 in canine leukemia: Analysis of mRNA and protein expression in peripheral blood. <i>Veterinary Immunology and Immunopathology</i> , 2014, 159, 91-96.	0.5	8
56	Effects of herd and physiological status on variation of 16 immunological and inflammatory parameters in dairy cows during drying off and the transition period. <i>Journal of Dairy Research</i> , 2018, 85, 167-173.	0.7	7
57	Cytomorphological description and intra-observer agreement in whole slide imaging for canine lymphoma. <i>Veterinary Journal</i> , 2018, 236, 96-101.	0.6	7
58	Flow cytometric detection of alpha $\alpha$ 1 $\alpha$ acid glycoprotein on feline circulating leucocytes. <i>Australian Veterinary Journal</i> , 2012, 90, 291-296.	0.5	6
59	Evaluation of tyrosine-kinase receptor c-KIT (c-KIT) mutations, mRNA and protein expression in canine leukemia: Might c-KIT represent a therapeutic target?. <i>Veterinary Immunology and Immunopathology</i> , 2013, 152, 325-332.	0.5	6
60	Matrix metalloproteinases and vascular endothelial growth factor expression in canine leukaemias. <i>Veterinary Journal</i> , 2013, 196, 260-262.	0.6	6
61	Detection of hereditary bisalbuminemia in bottlenose dolphins ( <i>Tursiops truncatus</i> , Montagu 1821): comparison between capillary zone and agarose gel electrophoresis. <i>BMC Veterinary Research</i> , 2016, 12, 172.	0.7	6
62	Effects of fenbendazole and triclabendazole on the expression of cytochrome P450 1A and flavin-monooxygenase isozymes in bovine precision-cut liver slices. <i>Veterinary Journal</i> , 2019, 245, 61-69.	0.6	6
63	Preliminary investigation on feline coronavirus presence in the reproductive tract of the tom cat as a potential route of viral transmission. <i>Journal of Feline Medicine and Surgery</i> , 2020, 22, 178-185.	0.6	6
64	<i>Streptococcus agalactiae</i> and <i>Prototheca</i> spp. induce different mammary gland leukocyte responses in Holstein cows. <i>JDS Communications</i> , 2022, 3, 270-274.	0.5	5
65	ZAP-70 and Syk expression in canine lymphoid cells and preliminary results on leukaemia cases. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 395-401.	0.5	4
66	Macrothrombocytopenia in a group of related Norfolk terriers. <i>Veterinary Record</i> , 2010, 167, 493-494.	0.2	4
67	Impression cytology of the healthy equine ocular surface: Inter $\alpha$ observer agreement, filter preservation over time and comparison with the cytobrush technique. <i>Veterinary Clinical Pathology</i> , 2019, 48, 61-66.	0.3	4
68	Whole-transcriptome profiling of sheep fed with a high iodine-supplemented diet. <i>Animal</i> , 2020, 14, 745-752.	1.3	4
69	Cytology of Feline Nodal Lymphoma: Low Interobserver Agreement and Variable Accuracy in Immunophenotype Prediction. <i>Journal of Comparative Pathology</i> , 2021, 184, 1-6.	0.1	3
70	Disseminating Science and Education through Social Media: The Experience of a Students $\alpha$ ™ Editorial Team at the University of Padova. <i>Journal of Microbiology and Biology Education</i> , 2022, 23, .	0.5	3
71	Hypermethylation-Mediated Silencing of CIDEA, MAL and PCDH17 Tumour Suppressor Genes in Canine DLBCL: From Multi-Omics Analyses to Mechanistic Studies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4021.	1.8	3
72	Mutations and polymorphism in bottlenose dolphin ( <i>Tursiops truncatus</i> , Montagu 1821) albumin gene: First identification of mutations responsible for inherited bisalbuminemia. <i>Research in Veterinary Science</i> , 2017, 114, 12-17.	0.9	1

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73	What is your diagnosis? Blood smear from a dog. <i>Veterinary Clinical Pathology</i> , 2011, 40, 271-272.	0.3	0
74	Undifferentiated laryngeal carcinoma with hyaline bodies in a cat. <i>Acta Veterinaria Scandinavica</i> , 2021, 63, 45.	0.5	0