

# Margret Casal

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,368  
citations

361296

20  
h-index

345118

36  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1907  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of lithium administration on vertebral bone disease in mucopolysaccharidosis I dogs. <i>Bone</i> , 2022, 154, 116237.	1.4	3
2	Epiphyseal cartilage canal architecture and extracellular matrix remodeling in mucopolysaccharidosis VII dogs at the onset of postnatal growth. <i>Connective Tissue Research</i> , 2021, , 1-11.	1.1	2
3	Ultrastructural analysis of different skeletal cell types in mucopolysaccharidosis dogs at the onset of postnatal growth. <i>Journal of Anatomy</i> , 2021, 238, 416-425.	0.9	8
4	Progression of vertebral bone disease in mucopolysaccharidosis VII dogs from birth to skeletal maturity. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 378-385.	0.5	5
5	Development of an Informatics Algorithm to Link Seasonal Infectious Diseases to Birth-Dependent Diseases Across Species: A Case Study with Osteosarcoma. <i>AMIA Summits on Translational Science Proceedings</i> , 2021, 2021, 585-594.	0.4	0
6	Failures of Endochondral Ossification in the Mucopolysaccharidoses. <i>Current Osteoporosis Reports</i> , 2020, 18, 759-773.	1.5	17
7	Cognitive Abilities of Dogs with Mucopolysaccharidosis I: Learning and Memory. <i>Animals</i> , 2020, 10, 397.	1.0	3
8	A Missense Variant Affecting the C-Terminal Tail of UNC93B1 in Dogs with Exfoliative Cutaneous Lupus Erythematosus (ECLE). <i>Genes</i> , 2020, 11, 159.	1.0	13
9	A DSG1 Frameshift Variant in a Rottweiler Dog with Footpad Hyperkeratosis. <i>Genes</i> , 2020, 11, 469.	1.0	5
10	Vitrification Using Soy Lecithin and Sucrose: A New Way to Store the Sperm for the Preservation of Canine Reproductive Function. <i>Animals</i> , 2020, 10, 653.	1.0	7
11	Imputation of canine genotype array data using 365 whole-genome sequences improves power of genome-wide association studies. <i>PLoS Genetics</i> , 2019, 15, e1008003.	1.5	32
12	Molecular profiling of failed endochondral ossification in mucopolysaccharidosis VII. <i>Bone</i> , 2019, 128, 115042.	1.4	16
13	Oral manifestations in patients and dogs with mucopolysaccharidosis Type VII. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 486-493.	0.7	3
14	Identification of the Identical Human Mutation in <i>ACVR1</i> in 2 Cats With Fibrodysplasia Ossificans Progressiva. <i>Veterinary Pathology</i> , 2019, 56, 614-618.	0.8	7
15	Prenatal Treatment of X-Linked Hypohidrotic Ectodermal Dysplasia using Recombinant Ectodysplasin in a Canine Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 806-813.	1.3	22
16	Applied Veterinary Informatics: Development of a Semantic and Domain-Specific Method to Construct a Canine Data Repository. <i>Scientific Reports</i> , 2019, 9, 18641.	1.6	3
17	Cellular and Metabolic Basis for the Ichthyotic Phenotype in NIPAL4 (Ichthyin)â€“Deficient Canines. <i>American Journal of Pathology</i> , 2018, 188, 1419-1429.	1.9	19
18	Evaluation of Intrathecal Routes of Administration for Adeno-Associated Viral Vectors in Large Animals. <i>Human Gene Therapy</i> , 2018, 29, 15-24.	1.4	92

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19	Canine <i>GM2</i> Gangliosidosis Sandhoff Disease Associated with a 3â€Base Pair Deletion in the <i>HEXB</i> Gene. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 340-347.	0.6	7
20	MKLN1 splicing defect in dogs with lethal acrodermatitis. <i>PLoS Genetics</i> , 2018, 14, e1007264.	1.5	26
21	A Large Deletion in the <i>NSDHL</i> Gene in Labrador Retrievers with a Congenital Cornification Disorder. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3115-3121.	0.8	15
22	Epidermolysis bullosa simplex in sibling Eurasier dogs is caused by a <i>PLEC</i> non-sense variant. <i>Veterinary Dermatology</i> , 2017, 28, 10.	0.4	16
23	A Defect in <i>NIPAL4</i> Is Associated with Autosomal Recessive Congenital Ichthyosis in American Bulldogs. <i>PLoS ONE</i> , 2017, 12, e0170708.	1.1	20
24	Neonatal tolerance induction enables accurate evaluation of gene therapy for MPS I in a canine model. <i>Molecular Genetics and Metabolism</i> , 2016, 119, 124-130.	0.5	34
25	Pathogenesis and treatment of spine disease in the mucopolysaccharidoses. <i>Molecular Genetics and Metabolism</i> , 2016, 118, 232-243.	0.5	28
26	Complex disease and phenotype mapping in the domestic dog. <i>Nature Communications</i> , 2016, 7, 10460.	5.8	220
27	Evaluation of AAV-mediated Gene Therapy for Central Nervous System Disease in Canine Mucopolysaccharidosis VII. <i>Molecular Therapy</i> , 2016, 24, 206-216.	3.7	70
28	Canine <i>CNGA3</i> Gene Mutations Provide Novel Insights into Human Achromatopsia-Associated Channelopathies and Treatment. <i>PLoS ONE</i> , 2015, 10, e0138943.	1.1	21
29	Neonatal Systemic AAV Induces Tolerance to CNS Gene Therapy in MPS I Dogs and Nonhuman Primates. <i>Molecular Therapy</i> , 2015, 23, 1298-1307.	3.7	72
30	Familial cutaneous lupus erythematosus (CLE) in the German shorthaired pointer maps to CFA18, a canine orthologue to human CLE. <i>Immunogenetics</i> , 2011, 63, 197-207.	1.2	16
31	Molecular and Therapeutic Characterization of Anti-ectodysplasin A Receptor (EDAR) Agonist Monoclonal Antibodies. <i>Journal of Biological Chemistry</i> , 2011, 286, 30769-30779.	1.6	35
32	Exfoliative cutaneous lupus erythematosus in German shorthaired pointer dogs: disease development, progression and evaluation of three immunomodulatory drugs (ciclosporin, hydroxychloroquine,) <i>Tj ETQq 0 0 0 rgBT, Overlock 210 Tf 50 2</i>		
33	Neonatal treatment with recombinant ectodysplasin prevents respiratory disease in dogs with X-linked ectodermal dysplasia. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2045-2049.	0.7	45
34	Significant Correction of Disease after Postnatal Administration of Recombinant Ectodysplasin A in Canine X-Linked Ectodermal Dysplasia. <i>American Journal of Human Genetics</i> , 2007, 81, 1050-1056.	2.6	107
35	Epilepsy in Irish Wolfhounds. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 131-135.	0.6	64
36	Large animal models and gene therapy. <i>European Journal of Human Genetics</i> , 2006, 14, 266-272.	1.4	130

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37	Epilepsy in Irish Wolfhounds. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 131-5.	0.6	27
38	Mutation identification in a canine model of X-linked ectodermal dysplasia. <i>Mammalian Genome</i> , 2005, 16, 524-531.	1.0	50
39	Frequent respiratory tract infections in the canine model of X-linked ectodermal dysplasia are not caused by an immune deficiency. <i>Veterinary Immunology and Immunopathology</i> , 2005, 107, 95-104.	0.5	17
40	In utero transplantation of fetal liver cells in the mucopolysaccharidosis type VII mouse results in low-level chimerism, but overexpression of $\beta$ -glucuronidase can delay onset of clinical signs. <i>Blood</i> , 2001, 97, 1625-1634.	0.6	36
41	Mucopolysaccharidosis Type VII in the Developing Mouse Fetus. <i>Pediatric Research</i> , 2000, 47, 750-756.	1.1	25