Freya M Mowat

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6571531/publications.pdf

Version: 2024-02-01

39 papers	1,409 citations	623734 14 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	2101 citing authors

#	Article	IF	Citations
1	Long-Term Effect of Gene Therapy on Leberâ€™s Congenital Amaurosis. New England Journal of Medicine, 2015, 372, 1887-1897.	27.0	635
2	The Tight Junction Associated Signalling Proteins ZO-1 and ZONAB Regulate Retinal Pigment Epithelium Homeostasis in Mice. PLoS ONE, 2010, 5, e15730.	2.5	104
3	Tyrosine capsid-mutant AAV vectors for gene delivery to the canine retina from a subretinal or intravitreal approach. Gene Therapy, 2014, 21, 96-105.	4.5	94
4	HIF-1alpha and HIF-2alpha Are Differentially Activated in Distinct Cell Populations in Retinal Ischaemia. PLoS ONE, 2010, 5, e11103.	2.5	90
5	Topographical characterization of cone photoreceptors and the area centralis of the canine retina. Molecular Vision, 2008, 14, 2518-27.	1.1	84
6	RPE65 gene therapy slows cone loss in Rpe65-deficient dogs. Gene Therapy, 2013, 20, 545-555.	4.5	53
7	Endogenous Erythropoietin Protects Neuroretinal Function in Ischemic Retinopathy. American Journal of Pathology, 2012, 180, 1726-1739.	3.8	33
8	Gene Therapy in a Large Animal Model of PDE6A-Retinitis Pigmentosa. Frontiers in Neuroscience, 2017, 11, 342.	2.8	31
9	Successful Gene Therapy in Older Rpe65-Deficient Dogs Following Subretinal Injection of an Adeno-Associated Vector Expressing RPE65. Human Gene Therapy, 2013, 24, 883-893.	2.7	29
10	Evaluation of Lateral Spread of Transgene Expression following Subretinal AAVâ€“Mediated Gene Delivery in Dogs. PLoS ONE, 2013, 8, e60218.	2.5	27
11	Plasma Neurofilament Light Chain as a Translational Biomarker of Aging and Neurodegeneration in Dogs. Molecular Neurobiology, 2020, 57, 3143-3149.	4.0	25
12	Von Hippel-Lindau protein in the RPE is essential for normal ocular growth and vascular development. Development (Cambridge), 2012, 139, 2340-2350.	2.5	23
13	Clinical therapeutic efficacy of mycophenolate mofetil in the treatment of SARDS in dogsâ€”a prospective openâ€label pilot study. Veterinary Ophthalmology, 2018, 21, 565-576.	1.0	21
14	Dimethylarginine dimethylaminohydrolase-2 deficiency promotes vascular regeneration and attenuates pathological angiogenesis. Experimental Eye Research, 2016, 147, 148-155.	2.6	19
15	Early-Onset Progressive Degeneration of the Area Centralis in RPE65-Deficient Dogs. , 2017, 58, 3268.		16
16	Plasma Amyloid Beta Concentrations in Aged and Cognitively Impaired Pet Dogs. Molecular Neurobiology, 2021, 58, 483-489.	4.0	14
17	Use of Cognitive Testing, Questionnaires, and Plasma Biomarkers to Quantify Cognitive Impairment in an Aging Pet Dog Population. Journal of Alzheimer's Disease, 2022, 87, 1367-1378.	2.6	13
18	Diagnostic utility of clinical and laboratory test parameters for differentiating between sudden acquired retinal degeneration syndrome and pituitaryâ€dependent hyperadrenocorticism in dogs. Veterinary Ophthalmology, 2019, 22, 842-858.	1.0	12

#	Article	IF	Citations
19	Clinical findings and outcomes for dogs with uveodermatologic syndrome. Journal of the American Veterinary Medical Association, 2018, 252, 1263-1271.	0.5	11
20	Gene Augmentation Trials Using the Rpe65-Deficient Dog: Contributions Towards Development and Refinement of Human Clinical Trials. Advances in Experimental Medicine and Biology, 2012, 723, 177-182.	1.6	10
21	Safety and efficacy of topically applied 0.5% and 1% pirfenidone in a canine model of subconjunctival fibrosis. Veterinary Ophthalmology, 2019, 22, 502-509.	1.0	8
22	Differential targeting of feline photoreceptors by recombinant adeno-associated viral vectors: implications for preclinical gene therapy trials. Gene Therapy, 2014, 21, 913-920.	4.5	7
23	Phenotypic characterization of complete CSNB in the inbred research beagle: how common is CSNB in research and companion dogs?. Documenta Ophthalmologica, 2018, 137, 87-101.	2.2	6
24	In vivo electroretinographic differentiation of rod, short-wavelength and long/medium-wavelength cone responses in dogs using silent substitution stimuli. Experimental Eye Research, 2019, 185, 107673.	2.6	6
25	Bilateral traumatic optic nerve avulsion in a Thoroughbred gelding. Equine Veterinary Education, 2014, 26, 523-526.	0.6	5
26	Detection of circulating anti-retinal antibodies in dogs with sudden acquired retinal degeneration syndrome using indirect immunofluorescence: A case-control study. Experimental Eye Research, 2020, 193, 107989.	2.6	5
27	Bilateral uveal metastasis of a subcutaneous fibrosarcoma in a cat. Veterinary Ophthalmology, 2012, 15, 391-397.	1.0	4
28	Use of a Versatile, Inexpensive Ophthalmoscopy Teaching Model in Veterinary Medical Student Education Increases Ophthalmoscopy Proficiency. Journal of Veterinary Medical Education, 2019, 46, 518-522.	0.6	4
29	MOLECULAR PREVALENCE OF SELECTED VECTOR-BORNE ORGANISMS IN CAPTIVE RED WOLVES (CANIS) Tj ETQq1 1 0.784314 rgBT	0.6	4
30	Circulating neurohormone imbalances in canine sudden acquired retinal degeneration syndrome and canine pituitaryâ€dependent hypercortisolism. Journal of Veterinary Internal Medicine, 2019, 33, 2587-2594.	1.6	3
31	Canine sudden acquired retinal degeneration syndrome: Owner perceptions on the time to vision loss, treatment outcomes, and prognosis for life. Veterinary Ophthalmology, 2021, 24, 156-168.	1.0	3
32	A modified silent substitution electroretinography protocol to separate photoreceptor subclass function in lightly sedated dogs. Veterinary Ophthalmology, 2021, 24, 103-107.	1.0	2
33	A Comprehensive Study of the Retinal Phenotype of Rpe65-Deficient Dogs. Cells, 2021, 10, 115.	4.1	2
34	Management of Corneal Ulcers. , 2015, , 605-607.		1
35	Ophthalmoscopy skills in primary care: a crossâ€sectional practitioner survey. Veterinary Record, 2018, 182, 435-435.	0.3	1
36	Retinal cone photoreceptor distribution in the American black bear (<scp><i>Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (americ	1.4	1

#	Article	IF	Citations
37	Naturally Occurring Inherited Forms of Retinal Degeneration in Vertebrate Animal Species: A Comparative and Evolutionary Perspective. Advances in Experimental Medicine and Biology, 2019, 1185, 239-243.	1.6	1
38	Ophthalmology of Canidae: Foxes, Wolves, and Relatives. , 2022, , 181-214.		1
39	An unusual inherited electroretinogram feature with an exaggerated negative component in dogs. Veterinary Ophthalmology, 0, , .	1.0	1