

# Freya M Mowat

## List of Publications by Year in descending order

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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	Use of Cognitive Testing, Questionnaires, and Plasma Biomarkers to Quantify Cognitive Impairment in an Aging Pet Dog Population. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1367-1378.	2.6	13
2	Ophthalmology of Canidae: Foxes, Wolves, and Relatives. , 2022, , 181-214.		1
3	Retinal cone photoreceptor distribution in the American black bear (<sc><i>Ursus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66	1.4	1
4	A modified silent substitution electroretinography protocol to separate photoreceptor subclass function in lightly sedated dogs. <i>Veterinary Ophthalmology</i> , 2021, 24, 103-107.	1.0	2
5	Plasma Amyloid Beta Concentrations in Aged and Cognitively Impaired Pet Dogs. <i>Molecular Neurobiology</i> , 2021, 58, 483-489.	4.0	14
6	A Comprehensive Study of the Retinal Phenotype of Rpe65-Deficient Dogs. <i>Cells</i> , 2021, 10, 115.	4.1	2
7	Canine sudden acquired retinal degeneration syndrome: Owner perceptions on the time to vision loss, treatment outcomes, and prognosis for life. <i>Veterinary Ophthalmology</i> , 2021, 24, 156-168.	1.0	3
8	Plasma Neurofilament Light Chain as a Translational Biomarker of Aging and Neurodegeneration in Dogs. <i>Molecular Neurobiology</i> , 2020, 57, 3143-3149.	4.0	25
9	Detection of circulating anti-retinal antibodies in dogs with sudden acquired retinal degeneration syndrome using indirect immunofluorescence: A case-control study. <i>Experimental Eye Research</i> , 2020, 193, 107989.	2.6	5
10	MOLECULAR PREVALENCE OF SELECTED VECTOR-BORNE ORGANISMS IN CAPTIVE RED WOLVES (CANIS) Tj ETQq0,0,0 rgBT /Overlock 1	0.6	4
11	Use of a Versatile, Inexpensive Ophthalmoscopy Teaching Model in Veterinary Medical Student Education Increases Ophthalmoscopy Proficiency. <i>Journal of Veterinary Medical Education</i> , 2019, 46, 518-522.	0.6	4
12	Circulating neurohormone imbalances in canine sudden acquired retinal degeneration syndrome and canine pituitaryâ€dependent hypercortisolism. <i>Journal of Veterinary Internal Medicine</i> , 2019, 33, 2587-2594.	1.6	3
13	Safety and efficacy of topically applied 0.5% and 1% pirfenidone in a canine model of subconjunctival fibrosis. <i>Veterinary Ophthalmology</i> , 2019, 22, 502-509.	1.0	8
14	In vivo electroretinographic differentiation of rod, short-wavelength and long/medium-wavelength cone responses in dogs using silent substitution stimuli. <i>Experimental Eye Research</i> , 2019, 185, 107673.	2.6	6
15	Diagnostic utility of clinical and laboratory test parameters for differentiating between sudden acquired retinal degeneration syndrome and pituitaryâ€dependent hyperadrenocorticism in dogs. <i>Veterinary Ophthalmology</i> , 2019, 22, 842-858.	1.0	12
16	Naturally Occurring Inherited Forms of Retinal Degeneration in Vertebrate Animal Species: A Comparative and Evolutionary Perspective. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 239-243.	1.6	1
17	Clinical therapeutic efficacy of mycophenolate mofetil in the treatment of SARDS in dogsâ€a prospective openâ€label pilot study. <i>Veterinary Ophthalmology</i> , 2018, 21, 565-576.	1.0	21
18	Ophthalmoscopy skills in primary care: a crossâ€sectional practitioner survey. <i>Veterinary Record</i> , 2018, 182, 435-435.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Clinical findings and outcomes for dogs with uveodermatologic syndrome. <i>Journal of the American Veterinary Medical Association</i> , 2018, 252, 1263-1271.	0.5	11
20	Phenotypic characterization of complete CSNB in the inbred research beagle: how common is CSNB in research and companion dogs?. <i>Documenta Ophthalmologica</i> , 2018, 137, 87-101.	2.2	6
21	Gene Therapy in a Large Animal Model of PDE6A-Retinitis Pigmentosa. <i>Frontiers in Neuroscience</i> , 2017, 11, 342.	2.8	31
22	Early-Onset Progressive Degeneration of the Area Centralis in RPE65-Deficient Dogs. , 2017, 58, 3268.		16
23	Dimethylarginine dimethylaminohydrolase-2 deficiency promotes vascular regeneration and attenuates pathological angiogenesis. <i>Experimental Eye Research</i> , 2016, 147, 148-155.	2.6	19
24	Long-Term Effect of Gene Therapy on Leber's Congenital Amaurosis. <i>New England Journal of Medicine</i> , 2015, 372, 1887-1897.	27.0	635
25	Management of Corneal Ulcers. , 2015, , 605-607.		1
26	Tyrosine capsid-mutant AAV vectors for gene delivery to the canine retina from a subretinal or intravitreal approach. <i>Gene Therapy</i> , 2014, 21, 96-105.	4.5	94
27	Differential targeting of feline photoreceptors by recombinant adeno-associated viral vectors: implications for preclinical gene therapy trials. <i>Gene Therapy</i> , 2014, 21, 913-920.	4.5	7
28	Bilateral traumatic optic nerve avulsion in a Thoroughbred gelding. <i>Equine Veterinary Education</i> , 2014, 26, 523-526.	0.6	5
29	Successful Gene Therapy in Older Rpe65-Deficient Dogs Following Subretinal Injection of an Adeno-Associated Vector Expressing <i>RPE65</i> . <i>Human Gene Therapy</i> , 2013, 24, 883-893.	2.7	29
30	RPE65 gene therapy slows cone loss in Rpe65-deficient dogs. <i>Gene Therapy</i> , 2013, 20, 545-555.	4.5	53
31	Evaluation of Lateral Spread of Transgene Expression following Subretinal AAV-Mediated Gene Delivery in Dogs. <i>PLoS ONE</i> , 2013, 8, e60218.	2.5	27
32	Von Hippel-Lindau protein in the RPE is essential for normal ocular growth and vascular development. <i>Development (Cambridge)</i> , 2012, 139, 2340-2350.	2.5	23
33	Endogenous Erythropoietin Protects Neuroretinal Function in Ischemic Retinopathy. <i>American Journal of Pathology</i> , 2012, 180, 1726-1739.	3.8	33
34	Gene Augmentation Trials Using the Rpe65-Deficient Dog: Contributions Towards Development and Refinement of Human Clinical Trials. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 177-182.	1.6	10
35	Bilateral uveal metastasis of a subcutaneous fibrosarcoma in a cat. <i>Veterinary Ophthalmology</i> , 2012, 15, 391-397.	1.0	4
36	HIF-1alpha and HIF-2alpha Are Differentially Activated in Distinct Cell Populations in Retinal Ischaemia. <i>PLoS ONE</i> , 2010, 5, e11103.	2.5	90

#	ARTICLE	IF	CITATIONS
37	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
38	Topographical characterization of cone photoreceptors and the area centralis of the canine retina. Molecular Vision, 2008, 14, 2518-27.	1.1	84
39	An unusual inherited electroretinogram feature with an exaggerated negative component in dogs. Veterinary Ophthalmology, 0, , .	1.0	1