

Andr s M Kom romy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6627974/publications.pdf>

Version: 2024-02-01

76
papers

2,757
citations

218592

26
h-index

189801

50
g-index

76
all docs

76
docs citations

76
times ranked

2295
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of extended protocols with nonstandard stimuli to characterize rod and cone contributions to the canine electroretinogram. <i>Documenta Ophthalmologica</i> , 2022, 144, 81-97.	1.0	3
2	Atypical chorioretinal lesions in Siberian Husky dogs with primary angle-closure glaucoma: a case series. <i>BMC Veterinary Research</i> , 2022, 18, 182.	0.7	0
3	Quantitative and qualitative characterization of retinal dystrophies in canine models of inherited retinal diseases using spectral domain optical coherence tomography (SD-OCT). <i>Experimental Eye Research</i> , 2022, 220, 109106.	1.2	1
4	Outer retinal thickness and visibility of the choriocapillaris in four distinct retinal regions imaged with spectral domain optical coherence tomography in dogs and cats. <i>Veterinary Ophthalmology</i> , 2022, 25, 122-135.	0.6	3
5	Intraocular pressure measurements using the TONOVET [®] rebound tonometer: Influence of the probe-cornea distance. <i>Veterinary Ophthalmology</i> , 2021, 24, 175-185.	0.6	9
6	Prophylactic anti-glaucoma therapy in dogs with primary glaucoma: A practitioner survey of current medical protocols. <i>Veterinary Ophthalmology</i> , 2021, 24, 96-108.	0.6	10
7	Safety and efficacy of topically administered netarsudil (Rhopressa [®] , C) in normal and glaucomatous dogs with ADAMTS10 open-angle glaucoma (ADAMTS10 OAG). <i>Veterinary Ophthalmology</i> , 2021, 24, 75-86.	0.6	10
8	Looking into the future: Gene and cell therapies for glaucoma. <i>Veterinary Ophthalmology</i> , 2021, 24, 16-33.	0.6	20
9	Presumed neuroprotective therapies prescribed by veterinary ophthalmologists for canine degenerative retinal and optic nerve diseases. <i>Veterinary Ophthalmology</i> , 2021, 24, 229-239.	0.6	5
10	Safety and efficacy of topically administered netarsudil-tanoprost fixed dose combination (FDC; Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Veterinary Ophthalmology, 2021, 24, 610-619.	0.6	1
11	Transconjunctival excision of an orbital conjunctival cyst using computer-assisted 3D surgical planning in a dog. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04345.	0.2	3
12	Biomechanics of the optic nerve head and sclera in canine glaucoma: A brief review. <i>Veterinary Ophthalmology</i> , 2021, 24, 316-325.	0.6	4
13	CNGB3 Missense Variant Causes Recessive Achromatopsia in Original Braunvieh Cattle. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12440.	1.8	4
14	Localized alopecia and suppression of hypothalamic-pituitary-adrenal (HPA) axis in dogs following treatment with difluprednate 0.05% ophthalmic emulsion (Durezol [®]). <i>BMC Veterinary Research</i> , 2021, 17, 366.	0.7	2
15	Long-Term Structural Outcomes of Late-Stage RPE65 Gene Therapy. <i>Molecular Therapy</i> , 2020, 28, 266-278.	3.7	56
16	Feline post-sterilization hyphema. <i>Veterinary Ophthalmology</i> , 2020, 23, 588-591.	0.6	1
17	CRISPR-Cas9 Disruption of Aquaporin 1: An Alternative to Glaucoma Eye Drop Therapy?. <i>Molecular Therapy</i> , 2020, 28, 706-708.	3.7	3
18	Use of 3-dimensional printing in surgical exploration of a nasolacrimal duct obstruction in a dog. <i>Canadian Veterinary Journal</i> , 2020, 61, 129-134.	0.0	1

#	ARTICLE	IF	CITATIONS
19	The future of canine glaucoma therapy. <i>Veterinary Ophthalmology</i> , 2019, 22, 726-740.	0.6	44
20	Primary angle-closure glaucoma with goniodysgenesis in a Beagle dog. <i>BMC Veterinary Research</i> , 2019, 15, 75.	0.7	6
21	<i>BEST1</i> gene therapy corrects a diffuse retina-wide microdetachment modulated by light exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2839-E2848.	3.3	62
22	Successful chemical ablation of an intraorbital cyst caused by an eyelid injury and iatrogenic ankyloblepharon formation in a duck. <i>Journal of the American Veterinary Medical Association</i> , 2018, 253, 1164-1168.	0.2	1
23	Safety and Efficacy of AAV5 Vectors Expressing Human or Canine CNGB3 in <i>CNGB3</i> -Mutant Dogs. <i>Human Gene Therapy Clinical Development</i> , 2017, 28, 197-207.	3.2	20
24	Assessment of Rod, Cone, and Intrinsically Photosensitive Retinal Ganglion Cell Contributions to the Canine Chromatic Pupillary Response. , 2017, 58, 65.		23
25	An intronic LINE-1 insertion in MERTK is strongly associated with retinopathy in Swedish Vallhund dogs. <i>PLoS ONE</i> , 2017, 12, e0183021.	1.1	10
26	Influence of Age on Ocular Biomechanical Properties in a Canine Glaucoma Model with ADAMTS10 Mutation. <i>PLoS ONE</i> , 2016, 11, e0156466.	1.1	33
27	Novel retinopathy in related Gordon setters: a clinical, behavioral, electrophysiological, and genetic investigation. <i>Veterinary Ophthalmology</i> , 2016, 19, 398-408.	0.6	5
28	Sudden acquired retinal degeneration syndrome (<i>SARDS</i>) – a review and proposed strategies toward a better understanding of pathogenesis, early diagnosis, and therapy. <i>Veterinary Ophthalmology</i> , 2016, 19, 319-331.	0.6	32
29	Changes in posterior scleral collagen microstructure in canine eyes with an ADAMTS10 mutation. <i>Molecular Vision</i> , 2016, 22, 503-17.	1.1	9
30	A Novel Genome-Wide Association Study Approach Using Genotyping by Exome Sequencing Leads to the Identification of a Primary Open Angle Glaucoma Associated Inversion Disrupting ADAMTS17. <i>PLoS ONE</i> , 2015, 10, e0143546.	1.1	28
31	Dog Models for Blinding Inherited Retinal Dystrophies. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 15-26.	3.2	50
32	Genetics of Canine Primary Glaucomas. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2015, 45, 1159-1182.	0.5	24
33	A Novel Form of Progressive Retinal Atrophy in Swedish Vallhund Dogs. <i>PLoS ONE</i> , 2014, 9, e106610.	1.1	19
34	A Novel Missense Mutation in ADAMTS10 in Norwegian Elkhound Primary Glaucoma. <i>PLoS ONE</i> , 2014, 9, e111941.	1.1	34
35	Increased Expression of MERTK is Associated with a Unique Form of Canine Retinopathy. <i>PLoS ONE</i> , 2014, 9, e114552.	1.1	7
36	Do Acidic Residues in the Tri-Asp Motif of the CNGA3 S2 Domain Form Required Pairings with Positive Residues of the S1-S4 Bundle? Evidence from Day-Blind Dogs and Insights from a Molecular Model of CNGA3 S1-S6 with Md Simulations. <i>Biophysical Journal</i> , 2014, 106, 759a.	0.2	0

#	ARTICLE	IF	CITATIONS
37	A golden retriever with bilateral blepharospasm and ocular discharge. <i>Lab Animal</i> , 2014, 43, 127-130.	0.2	0
38	A Cyclic Nucleotide-Gated Channel Mutation Associated with Canine Daylight Blindness Provides Insight into a Role for the S2 Segment Tri-Asp motif in Channel Biogenesis. <i>PLoS ONE</i> , 2014, 9, e88768.	1.1	10
39	Genomic deletion of CNGB3 is identical by descent in multiple canine breeds and causes achromatopsia. <i>BMC Genetics</i> , 2013, 14, 27.	2.7	25
40	Human retinal gene therapy for Leber congenital amaurosis shows advancing retinal degeneration despite enduring visual improvement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E517-25.	3.3	401
41	Guidelines for clinical electroretinography in the dog: 2012 update. <i>Documenta Ophthalmologica</i> , 2013, 127, 79-87.	1.0	58
42	Monitoring CNGA3 and CNGB3 Subunit Expression in Retinas of Day-Blind Canines with Inherited Deletion or Missense CNGB3 Asp262Asn Mutations Show Progressive Loss of Both CNGB3 and CNGA3 Expression. <i>Biophysical Journal</i> , 2013, 104, 280a.	0.2	0
43	Transient Photoreceptor Deconstruction by CNTF Enhances rAAV-Mediated Cone Functional Rescue in Late Stage CNGB3-Achromatopsia. <i>Molecular Therapy</i> , 2013, 21, 1131-1141.	3.7	74
44	Investigating the inheritance of prolapsed nictitating membrane glands in a large canine pedigree. <i>Veterinary Ophthalmology</i> , 2013, 16, 416-422.	0.6	13
45	Tapetal dysplasia in a Swedish Vallhund dog. <i>Veterinary Ophthalmology</i> , 2013, 16, 145-150.	0.6	2
46	Biomechanical Properties and Correlation With Collagen Solubility Profile in the Posterior Sclera of Canine Eyes With an <i>ADAMTS10</i> Mutation. , 2013, 54, 2685.		24
47	Recombinant AAV-Mediated BEST1 Transfer to the Retinal Pigment Epithelium: Analysis of Serotype-Dependent Retinal Effects. <i>PLoS ONE</i> , 2013, 8, e75666.	1.1	48
48	Exclusion of <i>RPGRI1</i> ins44 from Primary Causal Association with Early-Onset Cone-Rod Dystrophy in Dogs. , 2012, 53, 5486.		18
49	Preface. <i>Veterinary Ophthalmology</i> , 2012, 15, 1-2.	0.6	0
50	Equine Multiple Congenital Ocular Anomalies (MCOA) syndrome in <i>PMEL17</i> (<i>Silver</i>) mutant ponies: five cases. <i>Veterinary Ophthalmology</i> , 2011, 14, 313-320.	0.6	38
51	Long-term outcome after implantation of a suprachoroidal cyclosporine drug delivery device in horses with recurrent uveitis. <i>Veterinary Ophthalmology</i> , 2010, 13, 294-300.	0.6	75
52	Gene therapy rescues cone function in congenital achromatopsia. <i>Human Molecular Genetics</i> , 2010, 19, 2581-2593.	1.4	235
53	Evaluation of a behavioral method for objective vision testing and identification of achromatopsia in dogs. <i>American Journal of Veterinary Research</i> , 2010, 71, 97-102.	0.3	31
54	Evaluation of a behavioral method for objective vision testing and identification of achromatopsia in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2010, 236, 73-73.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Operating in the Dark. <i>JAMA Ophthalmology</i> , 2008, 126, 714.	2.6	12
56	Reversal of Blindness in Animal Models of Leber Congenital Amaurosis Using Optimized AAV2-mediated Gene Transfer. <i>Molecular Therapy</i> , 2008, 16, 458-465.	3.7	236
57	Effects of the topically applied calcium-channel blocker flunarizine on intraocular pressure in clinically normal dogs. <i>American Journal of Veterinary Research</i> , 2008, 69, 273-278.	0.3	8
58	Canine and Human Visual Cortex Intact and Responsive Despite Early Retinal Blindness from RPE65 Mutation. <i>PLoS Medicine</i> , 2007, 4, e230.	3.9	107
59	Application of a New Subretinal Injection Device in the Dog. <i>Cell Transplantation</i> , 2006, 15, 511-519.	1.2	32
60	Safety in Nonhuman Primates of Ocular AAV2-RPE65, a Candidate Treatment for Blindness in Leber Congenital Amaurosis. <i>Human Gene Therapy</i> , 2006, 17, 845-858.	1.4	142
61	Effect of head position on intraocular pressure in horses. <i>American Journal of Veterinary Research</i> , 2006, 67, 1232-1235.	0.3	77
62	Safety of Recombinant Adeno-Associated Virus Type 2 RPE65 Vector Delivered by Ocular Subretinal Injection. <i>Molecular Therapy</i> , 2006, 13, 1074-1084.	3.7	196
63	881. Safety, Efficacy and Biodistribution of Recombinant AAV2-RPE65 Vector Delivered by Ocular Subretinal Injection. <i>Molecular Therapy</i> , 2006, 13, S339.	3.7	0
64	Equine amniotic membrane transplantation for corneal ulceration and keratomalacia in three horses. <i>Veterinary Ophthalmology</i> , 2005, 8, 311-317.	0.6	64
65	Functional and Structural Analysis of the Visual System in the Rhesus Monkey Model of Optic Nerve Head Ischemia. , 2004, 45, 1830.		24
66	Hypertensive retinopathy and choroidopathy in a cat. <i>Veterinary Ophthalmology</i> , 2004, 7, 3-9.	0.6	16
67	Optic nerve head morphology of the Eastern gray squirrel, <i>Sciurus carolinensis</i> . <i>Veterinary Ophthalmology</i> , 2004, 7, 169-173.	0.6	0
68	Periocular sarcoid in a horse. <i>Veterinary Ophthalmology</i> , 2004, 7, 141-146.	0.6	17
69	Passive attenuation of cortical pattern evoked potentials with increasing body weight in young male rhesus macaques. <i>Documenta Ophthalmologica</i> , 2003, 106, 231-238.	1.0	1
70	Flash electroretinography in standing horses using the DTLA,¢ microfiber electrode. <i>Veterinary Ophthalmology</i> , 2003, 6, 27-33.	0.6	35
71	The effect of an l-type calcium channel blocker on the hemodynamics of orbital arteries in dogs. <i>Veterinary Ophthalmology</i> , 2003, 6, 141-146.	0.6	17
72	Evaluation of various compounds to inhibit activity of matrix metalloproteinases in the tear film of horses with ulcerative keratitis. <i>American Journal of Veterinary Research</i> , 2003, 64, 1081-1087.	0.3	80

#	ARTICLE	IF	CITATIONS
73	Long-Term Effect of Retinal Ganglion Cell Axotomy on the Histomorphometry of Other Cells in the Porcine Retina. <i>Journal of Glaucoma</i> , 2003, 12, 307-315.	0.8	19
74	Endothelin 1 Levels in the Aqueous Humor of Dogs With Glaucoma. <i>Journal of Glaucoma</i> , 2002, 11, 105-109.	0.8	61
75	Technical issues in electrodiagnostic recording. <i>Veterinary Ophthalmology</i> , 2002, 5, 85-91.	0.6	18
76	Dog Models for Blinding Inherited Retinal Degenerations. <i>Human Gene Therapy Clinical Development</i> , 0, , 150127063140004.	3.2	0