

Ron Ofri

List of Publications by Year in descending order

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96
papers

1,551
citations

394286

19
h-index

414303

32
g-index

98
all docs

98
docs citations

98
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for clinical electroretinography in the dog. Documenta Ophthalmologica, 2002, 105, 83-92.	1.0	99
2	Gene Augmentation Therapy Restores Retinal Function and Visual Behavior in a Sheep Model of CNGA3 Achromatopsia. Molecular Therapy, 2015, 23, 1423-1433.	3.7	93
3	T-cell-based vaccination for morphological and functional neuroprotection in a rat model of chronically elevated intraocular pressure. Journal of Molecular Medicine, 2005, 83, 904-916.	1.7	74
4	Guidelines for clinical electroretinography in the dog: 2012 update. Documenta Ophthalmologica, 2013, 127, 79-87.	1.0	58
5	Ocular manifestations of natural canine monocytic ehrlichiosis (Ehrlichia canis): a retrospective study of 90 cases. Veterinary Ophthalmology, 2007, 10, 137-142.	0.6	56
6	High-resolution functional optical imaging: from the neocortex to the eye. Ophthalmology Clinics of North America, 2004, 17, 53-67.	1.8	52
7	Pattern electroretinography in a rat model of ocular hypertension: functional evidence for early detection of inner retinal damage. Experimental Eye Research, 2005, 81, 340-349.	1.2	43
8	Reduced expression of Pax6 in lens and cornea of mutant mice leads to failure of chamber angle development and juvenile glaucoma. Human Molecular Genetics, 2010, 19, 3332-3342.	1.4	42
9	Functional Damage to Inner and Outer Retinal Cells in Experimental Glaucoma. , 2003, 44, 3675.		41
10	A novel day blindness in sheep: Epidemiological, behavioural, electrophysiological and histopathological studies. Veterinary Journal, 2010, 185, 130-137.	0.6	33
11	Differences in ocular parameters between diurnal and nocturnal raptors. Veterinary Ophthalmology, 2015, 18, 98-105.	0.6	32
12	The future of retinal gene therapy: evolving from subretinal to intravitreal vector delivery. Neural Regeneration Research, 2021, 16, 1751.	1.6	32
13	Clinical evaluation of pimecrolimus eye drops for treatment of canine keratoconjunctivitis sicca: A comparison with cyclosporine A. Veterinary Journal, 2009, 179, 70-77.	0.6	31
14	ApoE4 Induces Synaptic and ERG Impairments in the Retina of Young Targeted Replacement ApoE4 Mice. PLoS ONE, 2013, 8, e64949.	1.1	31
15	Safety and Efficacy Evaluation of rAAV2tYF-PR1.7-hCNGA3 Vector Delivered by Subretinal Injection in CNGA3 Mutant Achromatopsia Sheep. Human Gene Therapy Clinical Development, 2017, 28, 96-107.	3.2	29
16	Gene Augmentation Therapy for a Missense Substitution in the cGMP-Binding Domain of Ovine CNGA3 Gene Restores Vision in Day-Blind Sheep. , 2017, 58, 1577.		28
17	Functional deficits resulting from laser-induced damage in the rat retina. Lasers in Surgery and Medicine, 2006, 38, 689-694.	1.1	27
18	Ophthalmic diagnostic tests, orbital anatomy, and adnexal histology of the broad-snouted caiman (Caiman latirostris). Veterinary Ophthalmology, 2015, 18, 30-39.	0.6	26

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19	Clinical electrophysiology in veterinary ophthalmology—the past, present and future. Documenta Ophthalmologica, 2002, 104, 5-16.	1.0	23
20	Six Years and Counting: Restoration of Photopic Retinal Function and Visual Behavior Following Gene Augmentation Therapy in a Sheep Model of <i>CNGA3</i> Achromatopsia. Human Gene Therapy, 2018, 29, 1376-1386.	1.4	23
21	Effect of reproductive status on intraocular pressure in cats. American Journal of Veterinary Research, 2002, 63, 159-162.	0.3	22
22	Acute blindness associated with monoclonal gammopathy induced by Ehrlichia canis infection. Veterinary Parasitology, 1998, 78, 155-160.	0.7	20
23	Canine meibometry: Establishing baseline values for meibomian gland secretions in dogs. Veterinary Journal, 2007, 174, 536-540.	0.6	19
24	Technical issues in electrodiagnostic recording. Veterinary Ophthalmology, 2002, 5, 85-91.	0.6	18
25	Factors affecting intraocular pressure in lions. Veterinary Journal, 2008, 177, 124-129.	0.6	18
26	Flicker cone function in normal and day blind sheep: a large animal model for human achromatopsia caused by CNGA3 mutation. Documenta Ophthalmologica, 2014, 129, 141-150.	1.0	18
27	How Low Can We Get? Tonometry in the Thomson Gazelle (<i>Gazella thomsoni</i>). Journal of Glaucoma, 2000, 9, 187-189.	0.8	17
28	Intraocular pressure and glaucoma. Veterinary Clinics of North America - Exotic Animal Practice, 2002, 5, 391-406.	0.4	16
29	Light at the end of the tunnel? Advances in the understanding and treatment of glaucoma and inherited retinal degeneration. Veterinary Journal, 2007, 174, 10-22.	0.6	16
30	ESTIMATION OF NORMAL TEAR PRODUCTION IN FREE-LIVING EURASIAN BLACK VULTURES (<i>AEGYPIUS</i>) and Wildlife Medicine, 2013, 44, 315-323.	0.3	16
31	Ophthalmic diagnostic tests in captive red-footed tortoises (<i>Chelonoidis carbonaria</i>) in Salvador, northeast Brazil. Veterinary Ophthalmology, 2015, 18, 46-52.	0.6	16
32	A Complex Expression Pattern of Pax6 in the Pigeon Retina. , 2007, 48, 2503.		15
33	Functional and structural evaluation of lamotrigine treatment in rat models of acute and chronic ocular hypertension. Experimental Eye Research, 2013, 115, 47-56.	1.2	15
34	Effects of chemical restraint on electroretinograms recorded sequentially in awake, sedated, and anesthetized dogs. American Journal of Veterinary Research, 2013, 74, 1036-1042.	0.3	15
35	Characterization of an Early-Onset, Autosomal Recessive, Progressive Retinal Degeneration in Bengal Cats. , 2015, 56, 5299.		15
36	Arnold-Chiari Malformation in a Captive African Lion Cub. Journal of Wildlife Diseases, 1998, 34, 661-666.	0.3	14

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37	Ocular Manifestations of Systemic Diseases. , 2008, , 374-418.		14
38	Histological, morphometric, protein and gene expression analyses of rat retinas with ischaemiaâ€“reperfusion injury model treated with sildenafil citrate. International Journal of Experimental Pathology, 2017, 98, 147-157.	0.6	14
39	The dose-dependent effect of a stabilized cannabidiol nanoemulsion on ocular surface inflammation and intraocular pressure. International Journal of Pharmaceutics, 2022, 617, 121627.	2.6	14
40	Effect of optical defocus on performance of dogs involved in field trial competition. American Journal of Veterinary Research, 2012, 73, 546-550.	0.3	13
41	Electrophysiological studies in American Quarter horses with neuroaxonal dystrophy. Veterinary Ophthalmology, 2012, 15, 3-7.	0.6	13
42	Ophthalmic Diagnostic Tests in Parrots (<i>Amazona amazonica</i>) and (<i>Amazona aestiva</i>). Journal of Exotic Pet Medicine, 2016, 25, 186-193.	0.2	13
43	Factors affecting peerâ€“reviewed publication of abstracts presented at meetings of the European College of Veterinary Ophthalmologists (2008â€“2012). Veterinary Ophthalmology, 2017, 20, 533-538.	0.6	13
44	The Effect of 0.12% Unoprostone Isopropyl (Rescula) on Intraocular Pressure in Normotensive Dogs.. Journal of Veterinary Medical Science, 2000, 62, 1313-1315.	0.3	12
45	Development of the refractive state in eyes of ostrich chicks (<i>Struthio camelus</i>). American Journal of Veterinary Research, 2001, 62, 812-815.	0.3	12
46	Selected ophthalmic diagnostic tests, bony orbit anatomy, and ocular histology in sambar deer (<i>Capreolus pygmaeus</i>). Veterinary Ophthalmology, 2015, 18, 125-131.	0.6	12
47	The effects of topical parasymphatholytic drugs on pupil diameter and intraocular pressure in healthy dogs treated with 0.005% latanoprost. Veterinary Ophthalmology, 2016, 19, 464-472.	0.6	12
48	Evaluation of Photoreceptor Transduction Efficacy of Capsid-Modified Adeno-Associated Viral Vectors Following Intravitreal and Subretinal Delivery in Sheep. Human Gene Therapy, 2020, 31, 719-729.	1.4	12
49	Acute blindness in a dog caused by an explosive blast. Veterinary Ophthalmology, 2007, 10, 196-198.	0.6	10
50	Age-Related Changes in the Pattern Electroretinogram of Normal and Glatiramer Acetateâ€“Immunized Rats. , 2012, 53, 6532.		10
51	Funduscopy abnormalities and electroretinography in cases of retinopathy in German Shepherd dogs. Veterinary Ophthalmology, 2013, 16, 397-408.	0.6	10
52	The effects of 1% prednisolone acetate on pupil diameter and intraocular pressure in healthy dogs treated with 0.005% latanoprost. Veterinary Ophthalmology, 2016, 19, 473-479.	0.6	10
53	Sip1/Zeb2 regulates the generation of the inner nuclear layer retinal cell lineages in mammals. Development (Cambridge), 2016, 143, 2829-41.	1.2	10
54	Baseline retinal OCT measurements in normal female beagles: The effects of eccentricity, meridian, and age on retinal layer thickness. Veterinary Ophthalmology, 2020, 23, 52-60.	0.6	10

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55	Naturally-occurring myopia and loss of cone function in a sheep model of achromatopsia. <i>Scientific Reports</i> , 2020, 10, 19314.	1.6	10
56	Development of inner retinal function, evidenced by the pattern electroretinogram, in the rat. <i>Experimental Eye Research</i> , 2006, 83, 417-423.	1.2	9
57	The effect of topical anesthesia on the rat electroretinogram. <i>Documenta Ophthalmologica</i> , 2009, 118, 101-108.	1.0	9
58	Comparison of tear pH in dogs, horses, and cattle. <i>American Journal of Veterinary Research</i> , 2014, 75, 494-499.	0.3	9
59	Can an in vivo imaging system be used to determine localization and biodistribution of AAV5-mediated gene expression following subretinal and intravitreal delivery in mice?. <i>Experimental Eye Research</i> , 2018, 176, 227-234.	1.2	9
60	A prospective study of the association of anemia and thrombocytopenia with ocular lesions in dogs. <i>Veterinary Journal</i> , 2009, 182, 187-192.	0.6	8
61	Ophthalmic Parameters of Blue-and-yellow Macaws (<i>Ara Ararauna</i>) and Lear's Macaws (<i>Anodorhynchus Leari</i>). <i>Avian Biology Research</i> , 2016, 9, 240-249.	0.4	8
62	Prognostic indicators and outcome in dogs undergoing temporary tarsorrhaphy following traumatic proptosis. <i>Veterinary Ophthalmology</i> , 2020, 23, 245-251.	0.6	8
63	<i>Retina.</i> , 2008, , 285-317.		7
64	<i>Lens.</i> , 2008, , 258-276.		7
65	Changes in Retinal Function and Cellular Remodeling Following Experimental Retinal Detachment in a Rabbit Model. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-14.	0.6	7
66	Factors affecting publication in peer-reviewed journals of abstracts presented from 2008 to 2012 ACVO meetings. <i>Veterinary Ophthalmology</i> , 2019, 22, 147-152.	0.6	7
67	Electroretinography is a prognostic indicator for postoperative vision in dogs undergoing retinal reattachment surgery. <i>Veterinary Ophthalmology</i> , 2018, 21, 273-280.	0.6	6
68	Lens-anomalies and other ophthalmic findings in a group of closely-related angola lions (<i>Panthera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	5
69	Functional efficacy of glatiramer acetate treatment for laser-induced retinal damage in rats. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 196-201.	1.1	5
70	Clinical comparison of the Welch Allyn SureSight [®] handheld autorefractor vs. streak retinoscopy in dogs. <i>Veterinary Ophthalmology</i> , 2013, 16, 319-323.	0.6	5
71	Novel retinopathy in related Gordon setters: a clinical, behavioral, electrophysiological, and genetic investigation. <i>Veterinary Ophthalmology</i> , 2016, 19, 398-408.	0.6	5
72	Functional and Structural Evaluation of Sildenafil in a Rat Model of Acute Retinal Ischemia/Reperfusion Injury. <i>Current Eye Research</i> , 2017, 42, 452-461.	0.7	5

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73	Consecutive unilateral recording of the two eyes affects dark-adapted ERG responses, when compared to simultaneous bilateral recording. <i>Documenta Ophthalmologica</i> , 2018, 137, 183-192.	1.0	5
74	Transcleral approach for closing retinal tears using DuraSeal [®] , a hydrogel sealant. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 238.	0.5	5
75	Microarray-based gene expression analysis during retinal maturation of albino rats. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 693-702.	1.0	4
76	Interaction with therapeutic soft contact lenses affects the intraocular efficacy of tropicamide and latanoprost in dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 138-143.	0.6	4
77	Polymethylmethacrylate orbital implants with interconnecting channels. A retrospective study following enucleation in dogs and cats. <i>Veterinary Ophthalmology</i> , 2016, 19, 102-109.	0.6	4
78	Conjunctival habronemiasis in a square-lipped rhinoceros (<i>Ceratotherium simum</i>). <i>Veterinary Ophthalmology</i> , 2016, 19, 161-166.	0.6	4
79	Atypical ocular Chelonoid herpesvirus manifestations in a captive Loggerhead turtle (<i>Caretta caretta</i>). <i>Veterinary Ophthalmology</i> , 2019, 22, 107-114.	0.6	4
80	Systemic amyloidosis in a cheetah (<i>Acinonyx jubatus</i>). <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1997, 4, 98-103.	1.4	3
81	Embryogenetics: gene control of the embryogenesis of the eye. <i>Veterinary Ophthalmology</i> , 2007, 10, 133-136.	0.6	3
82	Development and Congenital Abnormalities**The author wishes to acknowledge the contribution of Dr. Robert Barishak, and to thank him for his input throughout the years and to this chapter.., 2008, , 20-32.		3
83	Neuroophthalmology. , 2008, , 318-351.		3
84	Contrary to popular belief, chinchillas do not have a pure rod retina. <i>Veterinary Ophthalmology</i> , 2019, 22, 93-97.	0.6	3
85	Does the order of intraocular pressure measurement affect tonometry results?. <i>Veterinary Ophthalmology</i> , 2021, 24, 146-153.	0.6	3
86	Mucoadhesive Polymers Enhance Ocular Drug Delivery: Proof of Concept Study with 0.5% Tropicamide in Dogs. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2022, 38, 141-147.	0.6	3
87	Vitreous. , 2008, , 277-284.		2
88	Mathematical Discrepancies of the Tono-Pen Applanation Tonometer. <i>Journal of Glaucoma</i> , 2017, 26, e30-e36.	0.8	2
89	Ocular anatomy and correlation with histopathologic findings in two common octopuses (<i>Octopus</i>) phakitis and retinitis. <i>Veterinary Ophthalmology</i> , 2021, 24, 218-228.	0.6	2
90	Is it necessary to wait several minutes between applications of different topical ophthalmic solutions? A preliminary study with tropicamide eye drops in healthy dogs. <i>Veterinary Ophthalmology</i> , 2021, 24, 374-379.	0.6	2

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91	Outer retinal transduction by AAV2-7m8 following intravitreal injection in a sheep model of CNGA3 achromatopsia. <i>Gene Therapy</i> , 2021, , .	2.3	2
92	The retina of the collared peccary (<i>Pecari tajacu</i>): structure and function. <i>Veterinary Ophthalmology</i> , 2018, 21, 577-585.	0.6	1
93	Atypical free-floating iridociliary pigmented epithelial cysts and secondary glaucoma in a caiman (<i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.6	1
94	Treatment with chloroquine is retinotoxic in captive African penguins (<i>Spheniscus demersus</i>). Attenuation and recovery of electroretinographic responses. <i>Veterinary Ophthalmology</i> , 2021, 24, 336-345.	0.6	1
95	Retrospective evaluation of pre-surgical electroretinography results in a mixed-breed canine population presented for cataract removal surgery. <i>Veterinary Ophthalmology</i> , 0, , .	0.6	1
96	In Reply:. <i>Journal of Glaucoma</i> , 2017, 26, e165-e166.	0.8	0