

David A Wilkie

List of Publications by Year in descending order

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77
papers

1,791
citations

218677

26
h-index

345221

36
g-index

86
all docs

86
docs citations

86
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Bioerodible Deep Scleral Lamellar Cyclosporine Implant for Uveitis. , 2006, 47, 2596.		93
2	Surgery of the Cornea. Veterinary Clinics of North America - Small Animal Practice, 1997, 27, 1067-1107.	1.5	86
3	Long-term outcome after implantation of a suprachoroidal cyclosporine drug delivery device in horses with recurrent uveitis. Veterinary Ophthalmology, 2010, 13, 294-300.	1.0	75
4	Application of <i>In Vivo</i> Confocal Microscopy to the Understanding of Surfactant-Induced Ocular Irritation* ^{Oryzias latipes} . Toxicologic Pathology, 1996, 24, 412-428.	1.8	59
5	Description of ciliary body anatomy and identification of sites for transscleral cyclophotocoagulation in the equine eye. Veterinary Ophthalmology, 2001, 4, 183-190.	1.0	57
6	Modified Lateral Orbitotomy for Removal of Orbital Neoplasms in Two Dogs. Veterinary Surgery, 1994, 23, 53-58.	1.0	56
7	Changes in bacterial and fungal ocular flora of clinically normal horses following experimental application of topical antimicrobial or antimicrobial-corticosteroid ophthalmic preparations. American Journal of Veterinary Research, 2005, 66, 800-811.	0.6	54
8	Canine cataracts, diabetes mellitus and spontaneous lens capsule rupture: a retrospective study of 18 dogs. Veterinary Ophthalmology, 2006, 9, 328-334.	1.0	54
9	Use of an intravitreal sustained-release cyclosporine delivery device for treatment of equine recurrent uveitis. American Journal of Veterinary Research, 2001, 62, 1892-1896.	0.6	51
10	Treatment of presumed iris melanoma in dogs by diode laser photocoagulation: 23 cases. Veterinary Ophthalmology, 1999, 2, 217-225.	1.0	49
11	Effect of topical administration of 2% dorzolamide hydrochloride or 2% dorzolamide hydrochloride-0.5% timolol maleate on intraocular pressure in clinically normal horses. American Journal of Veterinary Research, 2001, 62, 709-713.	0.6	44
12	Posterior capsular opacification in diabetic and nondiabetic canine patients following cataract surgery. Veterinary Ophthalmology, 2006, 9, 317-327.	1.0	42
13	The use of semiconductor diode laser for deflation and coagulation of anterior uveal cysts in dogs, cats and horses: a report of 20 cases. Veterinary Ophthalmology, 2004, 7, 360-368.	1.0	39
14	Equine glaucoma. Veterinary Clinics of North America Equine Practice, 2004, 20, 381-391.	0.7	38
15	A Retrospective Study of Cavernous Sinus Syndrome in 4 Dogs and 8 Cats. Journal of Veterinary Internal Medicine, 1996, 10, 65-71.	1.6	36
16	Extra-adrenal paraganglioma of the equine orbit: six cases. Veterinary Ophthalmology, 2009, 12, 263-268.	1.0	36
17	Clinical features and outcomes of phacoemulsification in 39 horses: a retrospective study (1993-2003). Veterinary Ophthalmology, 2006, 9, 361-368.	1.0	35
18	Extraocular lymphoma in the horse. Veterinary Ophthalmology, 2013, 16, 35-42.	1.0	35

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19	Semiconductor diode laser transscleral cyclophotocoagulation for the treatment of glaucoma in horses: a retrospective study of 42 eyes. <i>Veterinary Ophthalmology</i> , 2010, 13, 204-209.	1.0	34
20	Evaluation of intraocular pressure in eyes of clinically normal llamas and alpacas. <i>American Journal of Veterinary Research</i> , 2000, 61, 1542-1544.	0.6	33
21	Equine glaucoma: a histopathologic retrospective study (1999-2012). <i>Veterinary Ophthalmology</i> , 2014, 17, 334-342.	1.0	31
22	Ultrasound biomicroscopy of the iridocorneal angle of the eye before and after phacoemulsification and intraocular lens implantation in dogs. <i>American Journal of Veterinary Research</i> , 2008, 69, 279-288.	0.6	30
23	Ocular oncology. <i>Topics in Companion Animal Medicine</i> , 2001, 16, 77-85.	0.6	29
24	Immunohistochemical characterization of a malignant intraocular teratoid medulloepithelioma in a cockatiel. <i>Veterinary Ophthalmology</i> , 2005, 8, 59-65.	1.0	28
25	Lip commissure to eyelid transposition for repair of feline eyelid agenesis. <i>Veterinary Ophthalmology</i> , 2010, 13, 173-178.	1.0	28
26	Cellular immunity in dogs with keratoconjunctivitis sicca before and after treatment with topical 2% cyclosporine. <i>Veterinary Immunology and Immunopathology</i> , 1995, 49, 199-208.	1.2	26
27	Retinal detachment in horses: 40 cases (1998-2005). <i>Veterinary Ophthalmology</i> , 2007, 10, 380-385.	1.0	26
28	Control of Ocular Inflammation. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 1990, 20, 693-713.	1.5	25
29	Effect of single- and multiple-dose 0.5% timolol maleate on intraocular pressure and pupil size in female horses. <i>Veterinary Ophthalmology</i> , 2000, 3, 165-168.	1.0	25
30	Surgical management and histologic and immunohistochemical features of a cataract and retrolental plaque secondary to persistent hyperplastic tunica vasculosa lentis/persistent hyperplastic primary vitreous (PHTVL/PHPV) in a Bloodhound puppy. <i>Veterinary Ophthalmology</i> , 2004, 7, 369-375.	1.0	25
31	Treatment of immune-mediated keratitis in horses with episcleral silicone matrix cyclosporine delivery devices. <i>Veterinary Ophthalmology</i> , 2014, 17, 23-30.	1.0	25
32	Induction of Posterior Capsule Opacification by Hyaluronic Acid in an Ex Vivo Model. , 2012, 53, 1835.		23
33	Histologic effect of semiconductor diode laser transscleral cyclophotocoagulation on the normal equine eye. <i>Veterinary Ophthalmology</i> , 2007, 10, 84-92.	1.0	20
34	Update on veterinary cataract surgery. <i>Current Opinion in Ophthalmology</i> , 2009, 20, 61-68.	2.9	20
35	Retrospective study of the prevalence of keratoconjunctivitis sicca in diabetic and nondiabetic dogs after phacoemulsification. <i>Veterinary Ophthalmology</i> , 2015, 18, 472-480.	1.0	18
36	The long-term effects of semiconductor diode laser transscleral cyclophotocoagulation on the normal equine eye and intraocular pressure. <i>Veterinary Ophthalmology</i> , 2012, 15, 369-375.	1.0	17

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37	Amiodarone-induced keratopathy in healthy dogs. <i>Veterinary Ophthalmology</i> , 2002, 5, 35-38.	1.0	16
38	Boron neutron capture therapy of brain tumors: functional and neuropathologic effects of blood-brain barrier disruption and intracarotid injection of sodium borocaptate and boronophenylalanine. <i>Journal of Neuro-Oncology</i> , 2000, 48, 179-190.	2.9	15
39	Retinal degeneration in the Abyssinian and Somali cat (<i>rdAc</i>): correlation between genotype and phenotype and <i>rdAc</i> allele frequency in two continents. <i>Veterinary Ophthalmology</i> , 2009, 12, 285-291.	1.0	14
40	The location of sites and effect of semiconductor diode transâ€scleral cyclophotocoagulation on the buphthalmic equine globe. <i>Veterinary Ophthalmology</i> , 2014, 17, 107-116.	1.0	14
41	Cyclosporine A prevents exÂvivo PCO formation through induction of autophagy-mediated cell death. <i>Experimental Eye Research</i> , 2015, 134, 63-72.	2.6	14
42	The Neuroprotective and antioxidative effects of submicron and blended <i>rdAc</i>Lycium barbarum</i> in experimental retinal degeneration in rats. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1108-1115.	0.9	14
43	Site-specific ultimate limit state fragility of offshore wind turbines on monopile substructures. <i>Engineering Structures</i> , 2020, 204, 109903.	5.3	14
44	Agents for intraocular surgery. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2004, 34, 801-823.	1.5	13
45	Ultrasonographic abnormalities in eyes with traumatic hyphema obscuring intraocular structures: 33 cases (1991-2002). <i>Journal of Veterinary Emergency and Critical Care</i> , 2008, 18, 383-387.	1.1	13
46	A modified<i>ab externo</i> approach for suture fixation of an intraocular lens implant in the dog. <i>Veterinary Ophthalmology</i> , 2008, 11, 43-48.	1.0	13
47	Primary central corneal hemangiosarcoma in a dog. <i>Veterinary Ophthalmology</i> , 2011, 14, 133-136.	1.0	13
48	Mineralized corneal sequestrum in a cat. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 1568-1572.	0.5	12
49	Evaluation of potential topical and systemic neuroprotective agents for ocular hypertensionâ€induced retinal ischemiaâ€reperfusion injury. <i>Veterinary Ophthalmology</i> , 2014, 17, 432-442.	1.0	12
50	An association between systemic cyclosporine administration and development of acute bullous keratopathy in cats. <i>Veterinary Ophthalmology</i> , 2016, 19, 77-85.	1.0	12
51	Ophthalmic Procedures and Surgery in the Standing Horse. <i>Veterinary Clinics of North America Equine Practice</i> , 1991, 7, 535-547.	0.7	11
52	Radiation effects of boron neutron capture therapy on brain, skin, and eye of rats. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 28, 1089-1097.	0.8	11
53	Ahmed valve implantation to control intractable glaucoma after phacoemulsification and intraocular lens implantation in a dog. <i>Veterinary Ophthalmology</i> , 2005, 8, 139-144.	1.0	11
54	Evaluation of advanced glycation end-products in diabetic and inherited canine cataracts. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 249-257.	1.9	11

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55	A topical aqueous calcineurin inhibitor for the treatment of naturally occurring keratoconjunctivitis sicca in dogs. <i>Veterinary Ophthalmology</i> , 2013, 16, 192-197.	1.0	11
56	Electroretinogram evaluation of equine eyes with extensive "bullet-hole" fundic lesions. <i>Veterinary Ophthalmology</i> , 2014, 17, 129-133.	1.0	11
57	<i>Actinomyces bowdenii</i> ulcerative keratitis in a dog. <i>Veterinary Ophthalmology</i> , 2013, 16, 386-391.	1.0	10
58	Safety study of capsular tension ring use in canine phacoemulsification and IOL implantation. <i>Veterinary Ophthalmology</i> , 2015, 18, 409-415.	1.0	10
59	Schirmer tear test I in dogs: results comparing placement in the ventral vs. dorsal conjunctival fornix. <i>Veterinary Ophthalmology</i> , 2017, 20, 522-525.	1.0	10
60	Unilateral exophthalmia in a European hedgehog (<i>Erinaceus europaeus</i>) caused by a lacrimal ductal carcinoma. <i>Veterinary Ophthalmology</i> , 2002, 5, 161-165.	1.0	9
61	Diseases of the Ocular Posterior Segment. , 2011, , 367-396.		9
62	Distichiasis in a ferret (<i>Mustela putorius furo</i>). <i>Veterinary Ophthalmology</i> , 2014, 17, 290-293.	1.0	9
63	Development of tear production and intraocular pressure in healthy canine neonates. <i>Veterinary Ophthalmology</i> , 2014, 17, 426-431.	1.0	9
64	Primary <i>Aspergillus</i> and <i>Fusarium</i> keratitis in a Holstein cow. <i>Veterinary Ophthalmology</i> , 2006, 9, 175-178.	1.0	8
65	Glaucoma with Descemet's membrane detachment in five horses. <i>Veterinary Ophthalmology</i> , 2017, 20, 273-279.	1.0	8
66	Effects of overlying soft tissue on X-ray fluorescence bone lead measurement uncertainty. <i>Radiation Physics and Chemistry</i> , 2006, 75, 1-6.	2.8	7
67	Effects of pulsed fluid lens capsule washing following phacoemulsification on lens epithelial cells and posterior capsule opacification formation <i>ex vivo</i> . <i>Veterinary Ophthalmology</i> , 2015, 18, 221-228.	1.0	7
68	Effect of topical ophthalmic latanoprost 0.005% solution alone and in combination with diclofenac 0.1% solution in healthy horses: a pilot study. <i>Veterinary Ophthalmology</i> , 2017, 20, 398-404.	1.0	6
69	Effects of grape seed extract, lutein, and fish oil on responses of canine lens epithelial cells <i>in vitro</i> . <i>American Journal of Veterinary Research</i> , 2018, 79, 770-778.	0.6	6
70	Preliminary report of postoperative complications of phacoemulsification in Pugs: A multicenter retrospective study of 32 cases. <i>Veterinary Ophthalmology</i> , 2020, 23, 442-449.	1.0	6
71	<i>Equine Ophthalmology</i> . , 2004, , 995-1024.		5
72	Use of an intravenous sclerosing foam (3% sodium tetradecyl sulfate) for treatment of orbital varix in a dog. <i>Veterinary Ophthalmology</i> , 2018, 21, 194-198.	1.0	4

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73	Hypokalemia and suspected renal tubular acidosis associated with topical carbonic anhydrase inhibitor therapy in a cat. <i>Journal of Veterinary Emergency and Critical Care</i> , 2016, 26, 870-874.	1.1	3
74	Heat shock protein 70 expression in the equine cornea. <i>Veterinary Ophthalmology</i> , 2017, 20, 344-348.	1.0	3
75	Therapeutic effects of equine amniotic membrane suspension on corneal re-epithelialization and haze in a modified lagomorph ex vivo wound healing model. <i>Veterinary Ophthalmology</i> , 2022, 25, 153-164.	1.0	3
76	Determination of trypan blue efficacy in the mitigation of ex vivo canine PCO formation. <i>Veterinary Ophthalmology</i> , 2019, 22, 902-909.	1.0	1
77	Combined Intraocular Silicone Prosthesis and Conjunctival Flap for Glaucoma after Corneal Perforation in a Dog. <i>Journal of Veterinary Clinics</i> , 2014, 32, 108.	0.1	0