Ernst R Tamm

List of Publications by Year in Descending Order

160 papers	6,953 citations	49 h-index	78 g-index
179 ext. papers	7,847 ext. citations	5 avg, IF	5.96 L-index

#	Paper	IF	Citations
160	Consensus Recommendation for Mouse Models of Ocular Hypertension to Study Aqueous Humor Outflow and Its Mechanisms. **2022**, 63, 12		1
159	Role of the Pbrm1 subunit and the PBAF complex in Schwann cell development.. *Scientific Reports*, **2022**, 12, 2651	4.9	0
158	Microanatomy of the Frontal Branch of the Facial Nerve: The Role of Nerve Caliber and Axonal Capacity. *Plastic and Reconstructive Surgery*, **2021**, 148, 1357-1365	2.7	0
157	A novel ocular function for decorin in the aqueous humor outflow. *Matrix Biology*, **2021**, 97, 1-19	11.4	6
156	Transcriptional Profiling Identifies Upregulation of Neuroprotective Pathways in Retinitis Pigmentosa. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
155	SoxD transcription factor deficiency in Schwann cells delays myelination in the developing peripheral nervous system. *Scientific Reports*, **2021**, 11, 14044	4.9	0
154	CCN2/CTGF promotor activity in the developing and adult mouse eye. *Cell and Tissue Research*, **2021**, 384, 625-641	4.2	2
153	Norrin Protects Retinal Ganglion Cells from Excitotoxic Damage via the Induction of Leukemia Inhibitory Factor. *Cells*, **2020**, 9,	7.9	3
152	Design of dye and superparamagnetic iron oxide nanoparticle loaded lipid nanocapsules with dual detectability in vitro and in vivo. *International Journal of Pharmaceutics*, **2020**, 585, 119433	6.5	1
151	Endogenous Wnt/Ecatenin signaling in Mller cells protects retinal ganglion cells from excitotoxic damage. *Molecular Vision*, **2020**, 26, 135-149	2.3	4
150	Egr2-guided histone H2B monoubiquitination is required for peripheral nervous system myelination. *Nucleic Acids Research*, **2020**, 48, 8959-8976	20.1	7
149	Anatomical study of the zygomatic and buccal branches of the facial nerve: Application to facial reanimation procedures. *Clinical Anatomy*, **2019**, 32, 480-488	2.5	11
148	Ep400 deficiency in Schwann cells causes persistent expression of early developmental regulators and peripheral neuropathy. *Nature Communications*, **2019**, 10, 2361	17.4	11
147	Chromatin remodeler Ep400 ensures oligodendrocyte survival and is required for myelination in the vertebrate central nervous system. *Nucleic Acids Research*, **2019**, 47, 6208-6224	20.1	14
146	Efficient determination of axon number in the optic nerve: A stereological approach. *Experimental Eye Research*, **2019**, 186, 107710	3.7	4
145	Increased stiffness and flow resistance of the inner wall of Schlemms canal in glaucomatous human eyes. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**,	11.5	39
144	Significance of the Marginal Mandibular Branch in Relation to Facial Palsy Reconstruction: Assessment of Microanatomy and Macroanatomy Including Axonal Load in 96 Facial Halves. *Annals of Plastic Surgery*, **2019**, 83, e43-e49	1.7	3

143	Transgenic lysyl oxidase homolog 1 overexpression in the mouse eye results in the formation and release of protein aggregates. *Experimental Eye Research*, **2019**, 179, 115-124	3.7	5
142	Analysis of the human SOX10 mutation Q377X in mice and its implications for genotype-phenotype correlation in SOX10-related human disease. *Human Molecular Genetics*, **2018**, 27, 1078-1092	5.6	3
141	Consensus recommendations for trabecular meshwork cell isolation, characterization and culture. *Experimental Eye Research*, **2018**, 171, 164-173	3.7	130
140	Sox8 and Sox10 jointly maintain myelin gene expression in oligodendrocytes. *Glia*, **2018**, 66, 279-294	9	25
139	Proteasome Inhibition Increases the Efficiency of Lentiviral Vector-Mediated Transduction of Trabecular Meshwork **2018**, 59, 298-310		3
138	Cross-Inhibition of Norrin and TGF-Signaling Modulates Development of Retinal and Choroidal Vasculature **2018**, 59, 2240-2251		4
137	SMAD7 deficiency stimulates Mller progenitor cell proliferation during the development of the mammalian retina. *Histochemistry and Cell Biology*, **2017**, 148, 21-32	2.4	6
136	Biological aspects of axonal damage in glaucoma: A brief review. *Experimental Eye Research*, **2017**, 157, 5-12	3.7	42
135	Biomechanical aspects of axonal damage in glaucoma: A brief review. *Experimental Eye Research*, **2017**, 157, 13-19	3.7	46
134	Mutated olfactomedin 1 in the interphotoreceptor matrix of the mouse retina causes functional deficits and vulnerability to light damage. *Histochemistry and Cell Biology*, **2017**, 147, 453-469	2.4	2
133	Norrin protects optic nerve axons from degeneration in a mouse model of glaucoma. *Scientific Reports*, **2017**, 7, 14274	4.9	13
132	Deletion of Endothelial Transforming Growth Factor-Signaling Leads to Choroidal Neovascularization. *American Journal of Pathology*, **2017**, 187, 2570-2589	5.8	17
131	Caveolin-1 modulates intraocular pressure: implications for caveolae mechanoprotection in glaucoma. *Scientific Reports*, **2016**, 6, 37127	4.9	46
130	Norrin mediates angiogenic properties via the induction of insulin-like growth factor-1. *Experimental Eye Research*, **2016**, 145, 317-326	3.7	16
129	Tamoxifen-Containing Eye Drops Successfully Trigger Cre-Mediated Recombination in the Entire Eye. *Advances in Experimental Medicine and Biology*, **2016**, 854, 495-500	3.6	7
128	Epithelial-mesenchymal transition of the retinal pigment epithelium causes choriocapillaris atrophy. *Histochemistry and Cell Biology*, **2016**, 146, 769-780	2.4	19
127	The Trabecular Meshwork Outflow Pathways: Surgical Aspects **2015**, 695-698		
126	MicroRNAs are essential for differentiation of the retinal pigmented epithelium and maturation of adjacent photoreceptors. *Development (Cambridge)*, **2015**, 142, 2487-98	6.6	42

125	The regulation of connective tissue growth factor expression influences the viability of human trabecular meshwork cells. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 1010-20	5.6	11
124	The aqueous humor outflow pathways in glaucoma: A unifying concept of disease mechanisms and causative treatment. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 95, 173-81	5.7	90
123	Heterozygous modulation of TGF-β signaling does not influence Müller glia cell reactivity or proliferation following NMDA-induced damage. *Histochemistry and Cell Biology*, **2015**, 144, 443-55	2.4	19
122	Intraocular Pressure and the Mechanisms Involved in Resistance of the Aqueous Humor Flow in the Trabecular Meshwork Outflow Pathways. *Progress in Molecular Biology and Translational Science*, **2015**, 134, 301-14	4	63
121	Functional Morphology of the Trabecular Meshwork Outflow Pathways **2015**, 40-46		1
120	Multivalent nanoparticles bind the retinal and choroidal vasculature. *Journal of Controlled Release*, **2015**, 220, 265-274	11.7	10
119	Deletion of ocular transforming growth factor β signaling mimics essential characteristics of diabetic retinopathy. *American Journal of Pathology*, **2015**, 185, 1749-68	5.8	36
118	Disruption of the retinitis pigmentosa 28 gene Fam161a in mice affects photoreceptor ciliary structure and leads to progressive retinal degeneration. *Human Molecular Genetics*, **2014**, 23, 5197-210	5.6	40
117	Heterozygote Wdr36-deficient mice do not develop glaucoma. *Experimental Eye Research*, **2014**, 128, 83-91	3.7	10
116	Tg(Grm1) transgenic mice: a murine model that mimics spontaneous uveal melanoma in humans?. *Experimental Eye Research*, **2014**, 127, 59-68	3.7	26
115	Short-term psychosocial stress protects photoreceptors from damage via corticosterone-mediated activation of the AKT pathway. *Experimental Neurology*, **2014**, 252, 28-36	5.7	12
114	Differential angiogenic properties of lithium chloride in vitro and in vivo. *PLoS ONE*, **2014**, 9, e95546	3.7	19
113	Optineurin associates with the podocyte Golgi complex to maintain its structure. *Cell and Tissue Research*, **2014**, 358, 567-83	4.2	5
112	Identification of adult stem cells in Schwalbe's line region of the primate eye **2014**, 55, 7499-507		41
111	The prostaglandin f2α analog fluprostenol attenuates the fibrotic effects of connective tissue growth factor on human trabecular meshwork cells. *Journal of Ocular Pharmacology and Therapeutics*, **2014**, 30, 237-45	2.6	6
110	Formation of fenestrae in murine liver sinusoids depends on plasmalemma vesicle-associated protein and is required for lipoprotein passage. *PLoS ONE*, **2014**, 9, e115005	3.7	36
109	Myocilin modulates programmed cell death during retinal development. *Experimental Eye Research*, **2014**, 125, 41-52	3.7	9
108	Ambiguous role of glucocorticoids on survival of retinal neurons. *Advances in Experimental Medicine and Biology*, **2014**, 801, 365-71	3.6	

107	The role of bestrophin-1 in intracellular Ca(2+) signaling. *Advances in Experimental Medicine and Biology*, **2014**, 801, 113-9	3.6	29
106	Programmed cell death during retinal development of the mouse eye. *Advances in Experimental Medicine and Biology*, **2014**, 801, 9-13	3.6	11
105	Müller cells and microglia of the mouse eye react throughout the entire retina in response to the procedure of an intravitreal injection. *Advances in Experimental Medicine and Biology*, **2014**, 801, 347-53	3.6	9
104	Constitutive overexpression of Norrin activates Wnt/β-catenin and endothelin-2 signaling to protect photoreceptors from light damage. *Neurobiology of Disease*, **2013**, 50, 1-12	7.5	47
103	Role of bestrophin-1 in store-operated calcium entry in retinal pigment epithelium. *Pflugers Archiv European Journal of Physiology*, **2013**, 465, 481-95	4.6	47
102	The role of Müller glia and microglia in glaucoma. *Cell and Tissue Research*, **2013**, 353, 339-45	4.2	60
101	Status and perspectives of neuroprotective therapies in glaucoma: the European Glaucoma Society White Paper. *Cell and Tissue Research*, **2013**, 353, 347-54	4.2	16
100	TGF-β signaling protects retinal neurons from programmed cell death during the development of the mammalian eye. *Journal of Neuroscience*, **2013**, 33, 14246-58	6.6	38
99	N-methyl-D-aspartate (NMDA)-mediated excitotoxic damage: a mouse model of acute retinal ganglion cell damage. *Methods in Molecular Biology*, **2013**, 935, 99-109	1.4	17
98	The transcription factors Sox10 and Myrf define an essential regulatory network module in differentiating oligodendrocytes. *PLoS Genetics*, **2013**, 9, e1003907	6	130
97	Ligand-functionalized nanoparticles target endothelial cells in retinal capillaries after systemic application. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6115-20	11.5	53
96	Progressive retinal degeneration and glial activation in the CLN6 (nclf) mouse model of neuronal ceroid lipofuscinosis: a beneficial effect of DHA and curcumin supplementation. *PLoS ONE*, **2013**, 8, e75963	3.7	43
95	Norrin: molecular and functional properties of an angiogenic and neuroprotective growth factor. *Progress in Retinal and Eye Research*, **2012**, 31, 243-57	20.5	51
94	The role of TGF-β in the pathogenesis of primary open-angle glaucoma. *Cell and Tissue Research*, **2012**, 347, 279-90	4.2	191
93	Focus on molecules: Norrin. *Experimental Eye Research*, **2012**, 102, 109-10	3.7	10
92	The role of plasmalemma vesicle-associated protein (PLVAP) in endothelial cells of Schlemm's canal and ocular capillaries. *Experimental Eye Research*, **2012**, 105, 27-33	3.7	40
91	Connective tissue growth factor causes glaucoma by modifying the actin cytoskeleton of the trabecular meshwork. *American Journal of Pathology*, **2012**, 180, 2386-403	5.8	139
90	Kidney podocytes as specific targets for cyclo(RGDfC)-modified nanoparticles. *Small*, **2012**, 8, 3368-75	11	34

89	The different functions of Norrin. *Advances in Experimental Medicine and Biology*, **2012**, 723, 679-83	3.6	13
88	Chromatin-remodeling factor Brg1 is required for Schwann cell differentiation and myelination. *Developmental Cell*, **2012**, 23, 193-201	10.2	89
87	Lack of endothelial diaphragms in fenestrae and caveolae of mutant Plvap-deficient mice. *Histochemistry and Cell Biology*, **2012**, 138, 709-24	2.4	47
86	Establishment of myelinating Schwann cells and barrier integrity between central and peripheral nervous systems depend on Sox10. *Glia*, **2012**, 60, 806-19	9	32
85	Depletion of optineurin in RGC-5 cells derived from retinal neurons causes apoptosis and reduces the secretion of neurotrophins. *Experimental Eye Research*, **2011**, 93, 669-80	3.7	32
84	Different collagen types define two types of idiopathic epiretinal membranes. *Histopathology*, **2011**, 58, 953-65	7.3	52
83	Connective tissue growth factor modulates podocyte actin cytoskeleton and extracellular matrix synthesis and is induced in podocytes upon injury. *Histochemistry and Cell Biology*, **2011**, 136, 301-19	2.4	23
82	Sox10 is required for Schwann-cell homeostasis and myelin maintenance in the adult peripheral nerve. *Glia*, **2011**, 59, 1022-32	9	89
81	Increased expression of olfactomedin-1 and myocilin in podocytes during puromycin aminonucleoside nephrosis. *Nephrology Dialysis Transplantation*, **2011**, 26, 83-92	4.3	7
80	Lack of WDR36 leads to preimplantation embryonic lethality in mice and delays the formation of small subunit ribosomal RNA in human cells in vitro. *Human Molecular Genetics*, **2011**, 20, 422-35	5.6	37
79	Sox10 is required for Schwann cell identity and progression beyond the immature Schwann cell stage. *Journal of Cell Biology*, **2010**, 189, 701-12	7.3	170
78	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, 3332-42	5.6	38
77	Norrin promotes vascular regrowth after oxygen-induced retinal vessel loss and suppresses retinopathy in mice. *Journal of Neuroscience*, **2010**, 30, 183-93	6.6	67
76	Norrin mediates neuroprotective effects on retinal ganglion cells via activation of the Wnt/beta-catenin signaling pathway and the induction of neuroprotective growth factors in Muller cells. *Journal of Neuroscience*, **2010**, 30, 5998-6010	6.6	104
75	Chromatin remodeling enzyme Brg1 is required for mouse lens fiber cell terminal differentiation and its denucleation. *Epigenetics and Chromatin*, **2010**, 3, 21	5.8	49
74	Myocilin in the trabecular meshwork of eyes with primary open-angle glaucoma. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2009**, 247, 1643-9	3.8	7
73	Myocilin promotes substrate adhesion, spreading and formation of focal contacts in podocytes and mesangial cells. *Histochemistry and Cell Biology*, **2009**, 131, 167-80	2.4	21
72	Gene expression profiling of TGFbeta2- and/or BMP7-treated trabecular meshwork cells: Identification of Smad7 as a critical inhibitor of TGF-beta2 signaling. *Experimental Eye Research*, **2009**, 88, 1020-32	3.7	63

71	Modulation of extracellular matrix turnover in the trabecular meshwork. *Experimental Eye Research*, **2009**, 88, 683-8	3.7	98
70	Connective tissue growth factor induces extracellular matrix deposition in human trabecular meshwork cells. *Experimental Eye Research*, **2009**, 88, 1065-75	3.7	91
69	The trabecular meshwork outflow pathways: structural and functional aspects. *Experimental Eye Research*, **2009**, 88, 648-55	3.7	306
68	Pax6 dosage requirements in iris and ciliary body differentiation. *Developmental Biology*, **2009**, 333, 132-42	3.7	45
67	Identification of pax6-dependent gene regulatory networks in the mouse lens. *PLoS ONE*, **2009**, 4, e4159	3.7	65
66	Special Anatomy and Pathology in Intraocular Microsurgery **2008**, 97-349		1
65	Elevated amounts of myocilin in the aqueous humor of transgenic mice cause significant changes in ocular gene expression. *Experimental Eye Research*, **2008**, 87, 257-67	3.7	26
64	Anterior segment dysgenesis in the eyes of mice deficient for the high-mobility-group transcription factor Sox11. *Experimental Eye Research*, **2008**, 86, 895-907	3.7	47
63	Chapter 12 Molecular Approaches to Glaucoma. *Current Topics in Membranes*, **2008**, 379-425	2.2	1
62	Abnormal vessel formation in the choroid of mice lacking tissue inhibitor of metalloprotease-3 **2008**, 49, 2812-22		52
61	The Functional Role of Myocilin in Glaucoma **2008**, 219-231		3
60	Rybp, a polycomb complex-associated protein, is required for mouse eye development. *BMC Developmental Biology*, **2007**, 7, 39	3.1	26
59	Bone morphogenetic protein-7 is an antagonist of transforming growth factor-beta2 in human trabecular meshwork cells. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 715-26		121
58	What increases outflow resistance in primary open-angle glaucoma?. *Survey of Ophthalmology*, **2007**, 52 Suppl 2, S101-4	6.1	98
57	Genetic Approach to Retinal Vascular Disease **2007**, 175-189		
56	Transgenic studies on the role of optineurin in the mouse eye. *Experimental Eye Research*, **2006**, 82, 1075-85	3.7	40
55	The effect of temperature on gene silencing by siRNAs: implications for silencing in the anterior chamber of the eye. *Experimental Eye Research*, **2006**, 82, 1011-6	3.7	4
54	Focus on Molecules: Myocilin/TIGR. *Experimental Eye Research*, **2005**, 81, 501-2	3.7	9

53	The origin of extrinsic nitrergic axons supplying the human eye. *Journal of Anatomy*, **2005**, 206, 225-9	2.9	13
52	Myocilin is expressed in the glomerulus of the kidney and induced in mesangioproliferative glomerulonephritis. *Kidney International*, **2005**, 67, 140-51	9.9	14
51	Overexpression and properties of wild-type and Tyr437His mutated myocilin in the eyes of transgenic mice. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 223-34		59
50	Genetic dissection of Pax6 dosage requirements in the developing mouse eye. *Human Molecular Genetics*, **2005**, 14, 2265-76	5.6	68
49	Ectopic norrin induces growth of ocular capillaries and restores normal retinal angiogenesis in Norrie disease mutant mice. *Journal of Neuroscience*, **2005**, 25, 1701-10	6.6	74
48	The class III POU domain protein Brn-1 can fully replace the related Oct-6 during schwann cell development and myelination. *Molecular and Cellular Biology*, **2005**, 25, 1821-9	4.8	40
47	Latanoprost induces matrix metalloproteinase-1 expression in human nonpigmented ciliary epithelial cells through a cyclooxygenase-2-dependent mechanism. *FASEB Journal*, **2005**, 19, 1929-31	0.9	47
46	Viscocanalostomy in rhesus monkeys. *JAMA Ophthalmology*, **2004**, 122, 1826-38		39
45	Gene targeting reveals a widespread role for the high-mobility-group transcription factor Sox11 in tissue remodeling. *Molecular and Cellular Biology*, **2004**, 24, 6635-44	4.8	209
44	The expression of myocilin during murine eye development. *Graefes Archive for Clinical and Experimental Ophthalmology*, **2004**, 242, 339-45	3.8	12
43	Anterior eye development and ocular mesenchyme: new insights from mouse models and human diseases. *BioEssays*, **2004**, 26, 374-86	4.1	215
42	Thrombospondin-1 in the trabecular meshwork: localization in normal and glaucomatous eyes, and induction by TGF-beta1 and dexamethasone in vitro. *Experimental Eye Research*, **2004**, 79, 649-63	3.7	98
41	Genetic Changes and Their Influence on Structure and Function of the Eye in Glaucoma. *Essentials in Ophthalmology*, **2004**, 1-27	0.2	2
40	Perfusion with the olfactomedin domain of myocilin does not affect outflow facility. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 1953-61		36
39	Secreted glycoprotein myocilin is a component of the myelin sheath in peripheral nerves. *Glia*, **2003** , 43, 128-40	9	30
38	Donor corneoscleral buttons: a new source of trabecular meshwork for research. *Experimental Eye Research*, **2003**, 77, 749-56	3.7	31
37	Effect of heparin II domain of fibronectin on aqueous outflow in cultured anterior segments of human eyes. *Investigative Ophthalmology and Visual Science*, **2003**, 44, 4796-804		52
36	Myocilin and glaucoma: facts and ideas. *Progress in Retinal and Eye Research*, **2002**, 21, 395-428	20.5	160

35	Disruption of anterior segment development by TGF-beta1 overexpression in the eyes of transgenic mice. *Developmental Dynamics*, **2002**, 225, 111-25	2.9	50
34	Rho GTPase inactivation impairs lens growth and integrity. *Laboratory Investigation*, **2002**, 82, 231-9	5.9	26
33	Inactivation of the murine X-linked juvenile retinoschisis gene, Rs1h, suggests a role of retinoschisin in retinal cell layer organization and synaptic structure. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 6222-7	11.5	185
32	Pax6 heterozygous eyes show defects in chamber angle differentiation that are associated with a wide spectrum of other anterior eye segment abnormalities. *Mechanisms of Development*, **2002**, 118, 3-17	1.7	123
31	Effects of elevated intraocular pressure on outflow facility and TIGR/MYOC expression in perfused human anterior segments. *Investigative Ophthalmology and Visual Science*, **2002**, 43, 33-40		58
30	The role of myocilin/TIGR in glaucoma: results of the Glaucoma Research Foundation catalyst meeting in Berkeley, California, March 2000. *Journal of Glaucoma*, **2001**, 10, 329-39	2.1	12
29	The TIGR/MYOC gene and glaucoma: opportunities for new understandings. *Journal of Glaucoma*, **2001**, 10, S9-12	2.1	9
28	AlphaB-crystallin in lens development and muscle integrity: a gene knockout approach. *Investigative Ophthalmology and Visual Science*, **2001**, 42, 2924-34		198
27	Regulation of human myocilin/TIGR gene transcription in trabecular meshwork cells and astrocytes: role of upstream stimulatory factor. *Genes To Cells*, **2000**, 5, 661-76	2.3	24
26	Omega -crystallin of the scallop lens. A dimeric aldehyde dehydrogenase class 1/2 enzyme-crystallin. *Journal of Biological Chemistry*, **2000**, 275, 41064-73	5.4	50
25	Origin and Function of Nitrergic Nerves in the Human Eye: Morphological Aspects **2000**, 31-65		1
24	Localization of myocilin/trabecular meshwork--inducible glucocorticoid response protein in the human eye. *Investigative Ophthalmology and Visual Science*, **2000**, 41, 729-40		94
23	Superior cervical ganglionectomy in monkeys: effects on refraction and intraocular pressure. *Experimental Eye Research*, **1999**, 68, 637-9	3.7	4
22	Characterization of the mouse Myoc/Tigr gene. *Biochemical and Biophysical Research Communications*, **1998**, 245, 887-93	3.4	50
21	Nitrergic nerve cells in the primate ciliary muscle are only present in species with a fovea centralis. *Ophthalmologica*, **1997**, 211, 201-4	3.7	6
20	Superior cervical ganglionectomy in monkeys: light and electron microscopy of the anterior eye segment. *Experimental Eye Research*, **1997**, 65, 31-43	3.7	6
19	Transforming growth factor-beta 1 induces alpha-smooth muscle-actin expression in cultured human and monkey trabecular meshwork. *Experimental Eye Research*, **1996**, 62, 389-97	3.7	84
18	Gap junctions are found between iris sphincter smooth muscle cells but not in the ciliary muscle of human and monkey eyes. *Experimental Eye Research*, **1996**, 63, 187-92	3.7	7

17	Ciliary body. *Microscopy Research and Technique*, **1996**, 33, 390-439	2.8	58
16	Carbonic anhydrase activity is increased in retinal pigmented epithelium and choriocapillaris of RCS rats. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **1996**, 234, 258-63	3.8	8
15	Characterization of Meibomian gland innervation in the cynomolgus monkey (Macaca fascicularis). *Anatomy and Embryology*, **1996**, 193, 365-75		31
14	Immunohistochemical localization of neuropeptides in the human ciliary ganglion. *Brain Research*, **1995**, 681, 229-34	3.7	21
13	Laminin promotes differentiation, adhesion and proliferation of cell cultures derived from human acoustic nerve schwannoma. *Acta Oto-Laryngologica*, **1995**, 115, 517-21	1.6	17
12	Characterization of muscarinic receptor involvement in human ciliary muscle cell function. *Journal of Ocular Pharmacology and Therapeutics*, **1994**, 10, 125-36	2.6	14
11	Species differences in choroidal vasodilative innervation: evidence for specific intrinsic nitrergic and VIP-positive neurons in the human eye. *Investigative Ophthalmology and Visual Science*, **1994**, 35, 592-9		79
10	Age-related loss of ciliary muscle mobility in the rhesus monkey. Role of the choroid. *JAMA Ophthalmology*, **1992**, 110, 871-6		61
9	Advances in morphologic glaucoma research. *Current Opinion in Ophthalmology*, **1992**, 3, 141-148	5.1	2
8	Age-Related Loss of Smooth Muscle Actin in Normal and Glaucomatous Human Trabecular Mesh work of Different Age Groups. *Journal of Glaucoma*, **1992**, 1, 165-173	2.1	31
7	Age-related changes of the human ciliary muscle. A quantitative morphometric study. *Mechanisms of Ageing and Development*, **1992**, 62, 209-21	5.6	107
6	Contractile cells in the human scleral spur. *Experimental Eye Research*, **1992**, 54, 531-43	3.7	49
5	Cell cultures of human ciliary muscle: growth, ultrastructural and immunocytochemical characteristics. *Experimental Eye Research*, **1991**, 53, 375-87	3.7	28
4	Age-related changes of the ciliary muscle in comparison with changes induced by treatment with prostaglandin F2 alpha. An ultrastructural study in rhesus and cynomolgus monkeys. *Mechanisms of Ageing and Development*, **1990**, 51, 101-20	5.6	31
3	Visualization of hyaluronic acid in the anterior segment of rabbit and monkey eyes. *Experimental Eye Research*, **1990**, 51, 55-63	3.7	60
2	Morphological study of the anterior segment of cynomolgus monkey eyes following treatment with prostaglandin F2 alpha. *Experimental Eye Research*, **1988**, 47, 761-9	3.7	142
1	Age changes in rhesus monkey ciliary muscle: light and electron microscopy. *Experimental Eye Research*, **1988**, 47, 885-99	3.7	67