

Peter S Reinach

List of Publications by Year in descending order

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153
papers

6,950
citations

109137

35
h-index

74018

75
g-index

156
all docs

156
docs citations

156
times ranked

6435
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved assay for nanomole amounts of inorganic phosphate. <i>Analytical Biochemistry</i> , 1979, 100, 95-97.	1.1	2,094
2	Corneal Epithelial Wound Healing. <i>Experimental Biology and Medicine</i> , 2001, 226, 653-664.	1.1	347
3	Scleral hypoxia is a target for myopia control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7091-E7100.	3.3	224
4	Transient receptor potential vanilloid 1 activation induces inflammatory cytokine release in corneal epithelium through MAPK signaling. <i>Journal of Cellular Physiology</i> , 2007, 213, 730-739.	2.0	118
5	Reactive oxygen species activated NLRP3 inflammasomes prime environment-induced murine dry eye. <i>Experimental Eye Research</i> , 2014, 125, 1-8.	1.2	116
6	Reactive oxygen species activated NLRP3 inflammasomes initiate inflammation in hyperosmolarity stressed human corneal epithelial cells and environment-induced dry eye patients. <i>Experimental Eye Research</i> , 2015, 134, 133-140.	1.2	109
7	Suppression of Corneal Neovascularization by PEDF Release from Human Amniotic Membranes. , 2004, 45, 1758.		102
8	Molecular Mechanism of Peroxisome Proliferator-Activated Receptor δ Activation by WY14643: a New Mode of Ligand Recognition and Receptor Stabilization. <i>Journal of Molecular Biology</i> , 2013, 425, 2878-2893.	2.0	101
9	Dry Eye Disease Treatment: A Systematic Review of Published Trials and a Critical Appraisal of Therapeutic Strategies. <i>Ocular Surface</i> , 2013, 11, 181-192.	2.2	94
10	Transepithelial electrical measurements on the isolated rabbit iris-ciliary body. <i>Experimental Eye Research</i> , 1984, 38, 115-123.	1.2	88
11	Mode of Peroxisome Proliferator-Activated Receptor δ Activation by Luteolin. <i>Molecular Pharmacology</i> , 2012, 81, 788-799.	1.0	84
12	Phosphatase-Mediated Crosstalk Control of ERK and p38 MAPK Signaling in Corneal Epithelial Cells. , 2006, 47, 5267.		81
13	TRPV1 Involvement in Inflammatory Tissue Fibrosis in Mice. <i>American Journal of Pathology</i> , 2011, 178, 2654-2664.	1.9	80
14	Bright Light Suppresses Form-Deprivation Myopia Development With Activation of Dopamine D1 Receptor Signaling in the ON Pathway in Retina. , 2017, 58, 2306.		78
15	TRPC4 Knockdown Suppresses Epidermal Growth Factor-induced Store-operated Channel Activation and Growth in Human Corneal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 32230-32237.	1.6	77
16	Comparison of Diagnostic Tests in Distinct Well-Defined Conditions Related to Dry Eye Disease. <i>PLoS ONE</i> , 2014, 9, e97921.	1.1	77
17	Dependence of regulatory volume decrease on transient receptor potential vanilloid 4 (TRPV4) expression in human corneal epithelial cells. <i>Cell Calcium</i> , 2008, 44, 374-385.	1.1	76
18	Contrast sensitivity and color vision with a yellow intraocular len. <i>American Journal of Ophthalmology</i> , 2004, 138, 138-140.	1.7	75

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19	Effects of androgen on intracellular calcium of LNCaP cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 179, 90-96.	1.0	68
20	Sleep deprivation disrupts the lacrimal system and induces dry eye disease. <i>Experimental and Molecular Medicine</i> , 2018, 50, e451-e451.	3.2	68
21	Mechanism of stimulation by epinephrine of active transepithelial Cl transport in isolated frog cornea. <i>Journal of Membrane Biology</i> , 1980, 56, 73-79.	1.0	66
22	TRPA1 is required for TGF- β 2 signaling and its loss blocks inflammatory fibrosis in mouse corneal stroma. <i>Laboratory Investigation</i> , 2014, 94, 1030-1041.	1.7	62
23	TRPV channels mediate temperature-sensing in human corneal endothelial cells. <i>Experimental Eye Research</i> , 2010, 90, 758-770.	1.2	61
24	Conjunctival Microbiome Changes Associated With Soft Contact Lens and Orthokeratology Lens Wearing. , 2017, 58, 128.		55
25	Drosophila TAB2 is required for the immune activation of JNK and NF-kappaB. <i>Cellular Signalling</i> , 2006, 18, 964-970.	1.7	54
26	Is dry eye an environmental disease?. <i>Arquivos Brasileiros De Oftalmologia</i> , 2014, 77, 193-200.	0.2	52
27	Thermosensitive transient receptor potential channels in human corneal epithelial cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1828-1842.	2.0	51
28	Emodin Suppression of Ocular Surface Inflammatory Reaction. , 2007, 48, 5013.		49
29	MicroRNA Expression Profile and the Role of miR-204 in Corneal Wound Healing. , 2015, 56, 3673.		48
30	Dynamic Ocular Surface and Lacrimal Gland Changes Induced in Experimental Murine Dry Eye. <i>PLoS ONE</i> , 2015, 10, e0115333.	1.1	47
31	RNA m ⁶ A methylation regulates uveal melanoma cell proliferation, migration, and invasion by targeting c-Met. <i>Journal of Cellular Physiology</i> , 2020, 235, 7107-7119.	2.0	47
32	TRPV1 Potentiates TGF β 2-Induction of Corneal Myofibroblast Development through an Oxidative Stress-Mediated p38-SMAD2 Signaling Loop. <i>PLoS ONE</i> , 2013, 8, e77300.	1.1	47
33	Calcium regulation by thermo- and osmosensing transient receptor potential vanilloid channels (TRPVs) in human conjunctival epithelial cells. <i>Histochemistry and Cell Biology</i> , 2012, 137, 743-761.	0.8	43
34	Thyronamine induces TRPM8 channel activation in human conjunctival epithelial cells. <i>Cellular Signalling</i> , 2015, 27, 315-325.	1.7	43
35	Epigenetic Regulation of Tumor Necrosis Factor β (TNF β) Release in Human Macrophages by HIV-1 Single-stranded RNA (ssRNA) Is Dependent on TLR8 Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 13778-13786.	1.6	42
36	Temperature-Sensitive Transient Receptor Potential Channels in Corneal Tissue Layers and Cells. <i>Ophthalmic Research</i> , 2014, 52, 151-159.	1.0	42

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37	Impairment of Corneal Epithelial Wound Healing in a TRPV1-Deficient Mouse. , 2014, 55, 3295.		42
38	3-Iodothyronamine increases transient receptor potential melastatin channel 8 (TRPM8) activity in immortalized human corneal epithelial cells. Cellular Signalling, 2016, 28, 136-147.	1.7	41
39	Altered calcium regulation by thermosensitive transient receptor potential channels in etoposide-resistant WERI-Rb1 retinoblastoma cells. Experimental Eye Research, 2012, 94, 157-173.	1.2	40
40	Characterization of transient receptor potential vanilloid channel 4 (TRPV4) in human corneal endothelial cells. Experimental Eye Research, 2011, 93, 710-719.	1.2	39
41	Functional TRPV1 expression in human corneal fibroblasts. Experimental Eye Research, 2013, 107, 121-129.	1.2	38
42	Genipin Suppresses Subconjunctival Fibroblast Migration, Proliferation and Myofibroblast Transdifferentiation. Ophthalmic Research, 2006, 38, 355-360.	1.0	36
43	Loss of TRPV4 Function Suppresses Inflammatory Fibrosis Induced by Alkali-Burning Mouse Corneas. PLoS ONE, 2016, 11, e0167200.	1.1	36
44	Sleep Deprivation Induces Dry Eye Through Inhibition of PPAR α Expression in Corneal Epithelium. , 2018, 59, 5494.		35
45	TGF- β 2 inhibits AKT activation and FGF-2-induced corneal endothelial cell proliferation. Experimental Cell Research, 2006, 312, 3631-3640.	1.2	34
46	Effects of Endothelin-1 on Optic Nerve Head Blood Flow in Cats. Journal of Ocular Pharmacology and Therapeutics, 1996, 12, 75-83.	0.6	33
47	Calcium regulation by temperature-sensitive transient receptor potential channels in human uveal melanoma cells. Cellular Signalling, 2014, 26, 56-69.	1.7	33
48	Ocular transient receptor potential channel function in health and disease. BMC Ophthalmology, 2015, 15, 153.	0.6	33
49	Cause and Effect Relationship between Changes in Scleral Matrix Metalloproteinase-2 Expression and Myopia Development in Mice. American Journal of Pathology, 2018, 188, 1754-1767.	1.9	32
50	Hyperosmolarity-induced AQP5 upregulation promotes inflammation and cell death via JNK1/2 Activation in human corneal epithelial cells. Scientific Reports, 2017, 7, 4727.	1.6	31
51	Hyperosmotic Stress-Induced TRPM2 Channel Activation Stimulates NLRP3 Inflammasome Activity in Primary Human Corneal Epithelial Cells. , 2018, 59, 3259.		31
52	EGF suppresses hydrogen peroxide induced Ca ²⁺ influx by inhibiting L-type channel activity in cultured human corneal endothelial cells. Experimental Eye Research, 2005, 80, 285-293.	1.2	30
53	Genipin suppression of fibrogenic behaviors of the β -TN4 lens epithelial cell line. Journal of Cataract and Refractive Surgery, 2006, 32, 1727-1735.	0.7	30
54	DNA Methylation Regulates Corneal Epithelial Wound Healing by Targeting miR-200a and CDKN2B. , 2019, 60, 650.		30

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55	Sensory nerve supports epithelial stem cell function in healing of corneal epithelium in mice: the role of trigeminal nerve transient receptor potential vanilloid 4. <i>Laboratory Investigation</i> , 2019, 99, 210-230.	1.7	30
56	Functional significance of thermosensitive transient receptor potential melastatin channel 8 (TRPM8) expression in immortalized human corneal endothelial cells. <i>Experimental Eye Research</i> , 2013, 116, 337-349.	1.2	29
57	Osmosensitive taurine transporter expression and activity in human corneal epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 2916-22.	3.3	29
58	Lithium transport across isolated frog skin epithelium. <i>Journal of Membrane Biology</i> , 1975, 25, 75-92.	1.0	28
59	Control of SV-40 transformed RCE cell proliferation by growth-factor-induced cell cycle progression. <i>Current Eye Research</i> , 2001, 23, 397-405.	0.7	28
60	Choroidal blood perfusion as a potential "rapid predictive index" for myopia development and progression. <i>Eye and Vision (London, England)</i> , 2021, 8, 1.	1.4	28
61	Fate of hypertonicity-stressed corneal epithelial cells depends on differential MAPK activation and p38MAPK/Na ⁺ /K ⁺ 2Cl cotransporter1 interaction. <i>Experimental Eye Research</i> , 2007, 84, 361-372.	1.2	27
62	Changes in retinal metabolic profiles associated with form deprivation myopia development in guinea pigs. <i>Scientific Reports</i> , 2017, 7, 2777.	1.6	27
63	High-Fat Diet-Induced Functional and Pathologic Changes in Lacrimal Gland. <i>American Journal of Pathology</i> , 2020, 190, 2387-2402.	1.9	27
64	Dopamine Receptor Subtypes Mediate Opposing Effects on Form Deprivation Myopia in Pigmented Guinea Pigs. , 2018, 59, 4441.		26
65	Differential Expression of Na:K:2Cl Cotransporter, Glucose Transporter 1, and Aquaporin 1 in Freshly Isolated and Cultured Bovine Corneal Tissues. <i>Experimental Biology and Medicine</i> , 2001, 226, 919-926.	1.1	25
66	Role of Nitric Oxide in Mediating Retinal Blood Flow Regulation in Cats. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1999, 15, 295-303.	0.6	24
67	L-Carnitine Reduces in Human Conjunctival Epithelial Cells Hypertonic-Induced Shrinkage through Interacting with TRPV1 Channels. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 790-803.	1.1	24
68	Membrane transport parameters in frog corneal epithelium measured using impedance analysis techniques. <i>Journal of Membrane Biology</i> , 1986, 91, 213-225.	1.0	22
69	Endothelin-1 promotes corneal epithelial wound healing in rabbits. <i>Current Eye Research</i> , 1994, 13, 625-628.	0.7	22
70	Bevacizumab-Loaded Polyurethane Subconjunctival Implants: Effects on Experimental Glaucoma Filtration Surgery. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 566-573.	0.6	22
71	Tissue engineered corneal epithelium derived from clinical-grade human embryonic stem cells. <i>Ocular Surface</i> , 2020, 18, 672-680.	2.2	22
72	Suppression of the TNF α -induced increase in IL-1 α expression by hypochlorite in human corneal epithelial cells. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 3190-5.	3.3	22

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73	Upregulation of Transient Receptor Potential Vanilloid Type-1 Channel Activity and Ca ²⁺ Influx Dysfunction in Human Pterygial Cells. , 2016, 57, 2564.		21
74	MicroRNA-182 Suppresses HGF/SF-Induced Increases in Retinal Pigment Epithelial Cell Proliferation and Migration through Targeting c-Met. PLoS ONE, 2016, 11, e0167684.	1.1	21
75	Ectodysplasin A protein promotes corneal epithelial cell proliferation. Journal of Biological Chemistry, 2017, 292, 13391-13401.	1.6	21
76	The Long Noncoding RNA Landscape of the Mouse Eye. , 2017, 58, 6308.		21
77	High-Fat Diet Induces Inflammation of Meibomian Gland. , 2021, 62, 13.		21
78	Characterization of the Muscarinic Receptor Subtypes in the Bovine Corneal Epithelial Cells. Journal of Ocular Pharmacology and Therapeutics, 1996, 12, 259-269.	0.6	20
79	TNF- α promotes cell survival through stimulation of K ⁺ channel and NF- κ B activity in corneal epithelial cells. Experimental Cell Research, 2005, 311, 39-48.	1.2	20
80	Polymodal roles of transient receptor potential channels in the control of ocular function. Eye and Vision (London, England), 2015, 2, 5.	1.4	20
81	MK2 inhibitor reduces alkali burn-induced inflammation in rat cornea. Scientific Reports, 2016, 6, 28145.	1.6	20
82	Impaired healing of cornea incision injury in a TRPV1-deficient mouse. Cell and Tissue Research, 2018, 374, 329-338.	1.5	20
83	Effects of inhibitors of Na and Cl transport on oxygen consumption in the bullfrog cornea. Experimental Eye Research, 1977, 24, 493-500.	1.2	19
84	<p>miR-142-3p suppresses uveal melanoma by targeting CDC25C, TGF β 1, GNAQ, WASL, and RAC1</p>. Cancer Management and Research, 2019, Volume 11, 4729-4742.	0.9	19
85	Alpha1-adrenoceptors in the corneal endothelium. Experimental Eye Research, 1992, 55, 443-450.	1.2	18
86	AsialoGM1-Mediated IL-8 Release by Human Corneal Epithelial Cells Requires Coexpression of TLR5. , 2006, 47, 4810.		18
87	Function of meibomian gland: Contribution of proteins. Experimental Eye Research, 2017, 163, 29-36.	1.2	18
88	TRPM8 Activation via 3-Iodothyronamine Blunts VEGF-Induced Transactivation of TRPV1 in Human Uveal Melanoma Cells. Frontiers in Pharmacology, 2018, 9, 1234.	1.6	18
89	Up-Regulation of Matrix Metalloproteinase-2 by Scleral Monocyte-Derived Macrophages Contributes to Myopia Development. American Journal of Pathology, 2020, 190, 1888-1908.	1.9	18
90	Differential dependence of regulatory volume decrease behavior in rabbit corneal epithelial cells on MAPK superfamily activation. Experimental Eye Research, 2007, 84, 978-990.	1.2	17

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91	DUSP5 and DUSP6 modulate corneal epithelial cell proliferation. <i>Molecular Vision</i> , 2010, 16, 1696-704.	1.1	17
92	PKC Isoform- Specific Enhancement of Capacitative Calcium Entry in Human Corneal Epithelial Cells. , 2006, 47, 3989.		16
93	JNK MAPK Signaling Contributes in vivo to Injury-Induced Corneal Epithelial Migration. <i>Ophthalmic Research</i> , 2009, 42, 185-192.	1.0	16
94	Insulin replacement restores the vesicular secretory apparatus in the diabetic rat lacrimal gland. <i>Arquivos Brasileiros De Oftalmologia</i> , 2015, 78, 158-63.	0.2	16
95	Lacrimal osmolaritu and ocular surface in experimental model of dry eye caused by toxicity. <i>Revista Brasileira De Oftalmologia</i> , 2015, 74, 68-72.	0.1	16
96	SIRT1 Deletion Impairs Retinal Endothelial Cell Migration Through Downregulation of VEGF-A/VEGFR-2 and MMP14. , 2018, 59, 5431.		16
97	Vascular Endothelial Growth Factor (VEGF) Induced Downstream Responses to Transient Receptor Potential Vanilloid 1 (TRPV1) and 3-Iodothyronamine (3-TIAM) in Human Corneal Keratocytes. <i>Frontiers in Endocrinology</i> , 2018, 9, 670.	1.5	16
98	Impairment of corneal epithelial wound healing is association with increased neutrophil infiltration and reactive oxygen species activation in tenascin X-deficient mice. <i>Laboratory Investigation</i> , 2021, 101, 690-700.	1.7	16
99	Endothelin protein expression in tear glands of the rabbit. <i>Current Eye Research</i> , 1996, 15, 768-773.	0.7	15
100	Ectodysplasin A regulates epithelial barrier function through sonic hedgehog signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 230-240.	1.6	15
101	Opposing Effects of PPAR γ Agonism and Antagonism on Refractive Development and Form Deprivation Myopia in Guinea Pigs. , 2018, 59, 5803.		14
102	Suppression of neovascularization in corneal stroma in a TRPA1-null mouse. <i>Experimental Eye Research</i> , 2019, 181, 90-97.	1.2	14
103	Evidence for catecholamine-stimulated adenylate cyclase activity in frog and rabbit corneal epithelium and cyclic AMP-dependent protein kinase and its protein substrates in frog corneal epithelium. <i>Experimental Eye Research</i> , 1983, 37, 327-335.	1.2	13
104	Ca-stimulated Mg dependent ATPase activity in a plasma membrane enriched fraction of bovine corneal epithelium. <i>Current Eye Research</i> , 1987, 6, 399-405.	0.7	13
105	Dependence of Corneal Epithelial Cell Proliferation on Modulation of Interactions Between ERK1/2 and NKCC1. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 703-714.	1.1	13
106	Role of Cyclic Adenosine Monophosphate in Myopic Scleral Remodeling in Guinea Pigs: A Microarray Analysis. , 2018, 59, 4318.		13
107	MicroRNA-184 negatively regulates corneal epithelial wound healing via targeting CDC25A, CARM1, and LASP1. <i>Eye and Vision (London, England)</i> , 2020, 7, 35.	1.4	13
108	ETAReceptor Mediated Inhibition of Intracellular pH Regulation in Cultured Bovine Corneal Epithelial Cells. <i>Experimental Eye Research</i> , 1998, 66, 699-708.	1.2	12

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109	Functional and molecular characterization of multiple K ⁺ Cl ⁻ cotransporter isoforms in corneal epithelial cells. <i>Experimental Eye Research</i> , 2007, 84, 1090-1103.	1.2	12
110	Mammalian Target of Rapamycin Inhibition in Macrophages of Asymptomatic HIV+ Persons Reverses the Decrease in TLR-4-Mediated TNF- α Release through Prolongation of MAPK Pathway Activation. <i>Journal of Immunology</i> , 2011, 187, 6052-6058.	0.4	12
111	Ascorbate-induced oxidative stress mediates TRP channel activation and cytotoxicity in human etoposide-sensitive and -resistant retinoblastoma cells. <i>Laboratory Investigation</i> , 2021, 101, 70-88.	1.7	12
112	Implications of an anomalous intracellular electrical response in bullfrog corneal epithelium. <i>Journal of Membrane Biology</i> , 1985, 87, 201-209.	1.0	11
113	Basolateral membrane K permeability and regulation in bullfrog cornea epithelium. <i>Journal of Membrane Biology</i> , 1987, 99, 205-213.	1.0	11
114	Corneal Collagen Cross-Linking With Riboflavin and UVA Regulates Hemangiogenesis and Lymphangiogenesis in Rats. , 2018, 59, 3702.		11
115	Mechanism of inhibition of net ion transport across frog corneal epithelium by calcium channel antagonists. <i>Journal of Membrane Biology</i> , 1985, 85, 215-223.	1.0	10
116	Roles of cyclic AMP and Ca in epithelial ion transport across corneal epithelium: A review. <i>Current Eye Research</i> , 1985, 4, 385-391.	0.7	10
117	Inhibition by calcium of beta adrenoceptor mediated cAMP responses in isolated bovine corneal epithelial cells. <i>Current Eye Research</i> , 1989, 8, 85-90.	0.7	10
118	Characterization of Human Taurine Transporter Expressed in Insect Cells Using a Recombinant Baculovirus. <i>Protein Expression and Purification</i> , 2001, 23, 389-397.	0.6	10
119	Dysfunction of VIPR2 leads to myopia in humans and mice. <i>Journal of Medical Genetics</i> , 2022, 59, 88-100.	1.5	10
120	PPAR γ modulates refractive development and form deprivation myopia in Guinea pigs. <i>Experimental Eye Research</i> , 2021, 202, 108332.	1.2	10
121	Canonical Wnt Signaling Drives Myopia Development and Can Be Pharmacologically Modulated. , 2021, 62, 21.		10
122	High-intensity corneal collagen crosslinking with riboflavin and UVA in rat cornea. <i>PLoS ONE</i> , 2017, 12, e0179580.	1.1	9
123	Prostaglandin F $_{2\alpha}$ Receptor Modulation Affects Eye Development in Guinea Pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 263-270.	1.2	9
124	Continuous-light versus pulsed-light accelerated corneal crosslinking with ultraviolet-A and riboflavin. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 382-389.	0.7	9
125	MiR-223 inhibits hyperosmolarity-induced inflammation through downregulating NLRP3 activation in human corneal epithelial cells and dry eye patients. <i>Experimental Eye Research</i> , 2022, 220, 109096.	1.2	9
126	Energetic requirements of active transepithelial Na and Cl transport in the isolated bullfrog cornea. <i>Experimental Eye Research</i> , 1979, 29, 637-646.	1.2	8

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127	Rosmarinic Acid Suppresses Subconjunctival Neovascularization in Experimental Glaucoma Surgery. <i>Current Eye Research</i> , 2015, 40, 1134-1140.	0.7	8
128	Loss of sphingosine 1-phosphate receptor 3 gene function impairs injury-induced stromal angiogenesis in mouse cornea. <i>Laboratory Investigation</i> , 2021, 101, 245-257.	1.7	8
129	L-carnitine suppresses transient receptor potential vanilloid type 1 activity and myofibroblast transdifferentiation in human corneal keratocytes. <i>Laboratory Investigation</i> , 2021, 101, 680-689.	1.7	8
130	Declines in PDE4B activity promote myopia progression through downregulation of scleral collagen expression. <i>Experimental Eye Research</i> , 2021, 212, 108758.	1.2	8
131	Adenomatous Polyposis Coli Mutation Leads to Myopia Development in Mice. <i>PLoS ONE</i> , 2015, 10, e0141144.	1.1	6
132	Phenotypic and transcriptomic changes in the corneal epithelium following exposure to cigarette smoke. <i>Environmental Pollution</i> , 2021, 287, 117540.	3.7	6
133	Wakayama Symposium: Dependence of Corneal Epithelial Homeostasis on Transient Receptor Potential Function. <i>Ocular Surface</i> , 2013, 11, 8-11.	2.2	5
134	NSUN2-mediated RNA m ⁵ C modification modulates uveal melanoma cell proliferation and migration. <i>Epigenetics</i> , 2022, 17, 922-933.	1.3	5
135	Liposomal Prostaglandin E1 Enhances Optic Nerve Head Blood Flow in Cats. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2001, 17, 115-122.	0.6	4
136	Potassium-Chloride Cotransporter Mediates Cell Cycle Progression and Proliferation of Human Corneal Epithelial Cells. <i>Cell Cycle</i> , 2007, 6, 2709-2718.	1.3	4
137	Perturbed intraepithelial differentiation of corneal epithelium in c-Fos-null mice. <i>Japanese Journal of Ophthalmology</i> , 2008, 52, 1-7.	0.9	4
138	Epidermal Growth Factor Stimulates Fluid Transport in SV40 Transformed Rabbit Lacrimal Gland Cells. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 243-247.	0.8	4
139	SUV39H1 regulates corneal epithelial wound healing via H3K9me3-mediated repression of p27. <i>Eye and Vision (London, England)</i> , 2022, 9, 4.	1.4	4
140	Form-deprivation myopia downregulates calcium levels in retinal horizontal cells in mice. <i>Experimental Eye Research</i> , 2022, 218, 109018.	1.2	4
141	Gastro-protective effects of isobrucein B, a quassinoid isolated from <i>Picrolemma sprucei</i> . <i>F̃-toterap̃-Ã¢</i> , 2014, 95, 8-15.	1.1	3
142	Onion Epithelial Membrane Scaffolds Transfer Corneal Epithelial Layers in Reconstruction Surgery. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000469.	3.9	3
143	Corneal Collagen Cross-Linking Pretreatment Mitigates Injury-Induced Inflammation, Hemangiogenesis and Lymphangiogenesis In Vivo. <i>Translational Vision Science and Technology</i> , 2021, 10, 11.	1.1	3
144	Reversal of the epinephrine stimulation of Cl ⁻ transport in bullfrog cornea by phorbol esters. <i>Experimental Eye Research</i> , 1989, 49, 739-749.	1.2	2

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145	Effects of a prostaglandin F2alpha derivative glaucoma drug on EGF expression and E-cadherin expression in a corneal epithelial cell line. <i>Cutaneous and Ocular Toxicology</i> , 2020, 39, 75-82.	0.5	2
146	Novel Cell Culture Paradigm Prolongs Mouse Corneal Epithelial Cell Proliferative Activity in vitro and in vivo. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 675998.	1.8	2
147	Alteration of expression pattern of transient receptor potential vanilloid 2 and transient receptor potential vanilloid 3 in ocular surface neoplasm. <i>Taiwan Journal of Ophthalmology</i> , 2020, 10, 106.	0.3	2
148	PDE4B Proposed as a High Myopia Susceptibility Gene in Chinese Population. <i>Frontiers in Genetics</i> , 2021, 12, 775797.	1.1	2
149	Phosphorylated metabolites and effects of amphotericin B and ouabain on phosphorylation state in amphibian cornea. <i>Experimental Eye Research</i> , 1983, 36, 633-644.	1.2	1
150	Characterization and subtype identification of the Na ⁺ -H ⁺ exchanger in bovine corneal epithelium. <i>Current Eye Research</i> , 1993, 12, 69-76.	0.7	1
151	TRPV4 Stimulation Level Regulates Ca ²⁺ -Dependent Control of Human Corneal Endothelial Cell Viability and Survival. <i>Membranes</i> , 2022, 12, 281.	1.4	1
152	Direct stimulation by succinate of Na ⁺ :K ⁺ pump in rabbit ciliary epithelium. <i>Current Eye Research</i> , 1990, 9, 787-792.	0.7	0
153	Cover Image, Volume 235, Number 10, October 2020. <i>Journal of Cellular Physiology</i> , 2020, 235, ii.	2.0	0