Mitchell A Watsky

List of Publications by Year
in descending order

66	3,487	236925 25	168389 53
papers	citations	h-index	g-index

66	66	66	3353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of Vitamin D with Incident Glaucoma: Findings from the Women's Health Initiative. Journal of Investigative Medicine, 2021, 69, 843-850.	1.6	2
2	Effects of 1,25 and 24,25 Vitamin D on Corneal Fibroblast VDR and Vitamin D Metabolizing and Catabolizing Enzymes. Current Eye Research, 2021, 46, 1271-1282.	1.5	5
3	Effects of Vitamin D Receptor Knockout and Vitamin D Deficiency on Corneal Epithelial Wound Healing and Nerve Density in Diabetic Mice. Diabetes, 2020, 69, 1042-1051.	0.6	11
4	Transient Cell Membrane Disruptions induce Calcium Waves in Corneal Keratocytes. Scientific Reports, 2020, 10, 2840.	3.3	4
5	Vitamin D receptor and metabolite effects on corneal epithelial cell gap junction proteins. Experimental Eye Research, 2019, 187, 107776.	2.6	10
6	Influence of Vitamin D on Corneal Epithelial Cell Desmosomes and Hemidesmosomes. , 2019, 60, 4074.		9
7	PPIP5K2 and PCSK1 are Candidate Genetic Contributors to Familial Keratoconus. Scientific Reports, 2019, 9, 19406.	3.3	34
8	Effects of 1,25 and 24,25 Vitamin D on Corneal Epithelial Proliferation, Migration and Vitamin D Metabolizing and Catabolizing Enzymes. Scientific Reports, 2017, 7, 16951.	3.3	18
9	Vitamin D in Tear Fluid. , 2015, 56, 5880.		26
10	Effect of Vitamin D Receptor Knockout on Cornea Epithelium Wound Healing and Tight Junctions. , 2014, 55, 5245.		45
11	Effects of Vitamin D Receptor Knockout on Cornea Epithelium Gap Junctions. , 2014, 55, 2975.		21
12	Enhancement of Vitamin D Metabolites in the Eye Following Vitamin D3 Supplementation and UV-B Irradiation. Current Eye Research, 2012, 37, 871-878.	1.5	62
13	Lysophospholipids and lysophospholipase D in rabbit aqueous humor following corneal injury. Prostaglandins and Other Lipid Mediators, 2012, 97, 83-89.	1.9	10
14	Vitamin D Enhances Corneal Epithelial Barrier Function. , 2011, 52, 7359.		116
15	Teriparatide is safe and effectively increases bone biomarkers in institutionalized individuals with osteoporosis. Journal of Bone and Mineral Metabolism, 2010, 28, 233-239.	2.7	24
16	Lysophosphatidic acid-activated Cl- current activity in human systemic sclerosis skin fibroblasts. Rheumatology, 2010, 49, 2290-2297.	1.9	19
17	New Insights into the Mechanism of Fibroblast to Myofibroblast Transformation and Associated Pathologies. International Review of Cell and Molecular Biology, 2010, 282, 165-192.	3.2	53
18	Elevated Serum Levels of Arachidonoyl-lysophosphatidic Acid and Sphingosine 1-Phosphate in Systemic Sclerosis. International Journal of Medical Sciences, 2009, 6, 168-176.	2.5	116

#	Article	IF	Citations
19	Collagenâ€“phosphorylcholine interpenetrating network hydrogels as corneal substitutes. Biomaterials, 2009, 30, 1551-1559.	11.4	171
20	Synthetic neoglycopolymer-recombinant human collagen hybrids as biomimetic crosslinking agents in corneal tissue engineering. Biomaterials, 2009, 30, 5403-5408.	11.4	54
21	Tissue Engineered Models for In Vitro Studies. , 2009, , 759-772.		0
22	Recombinant human collagen for tissue engineered corneal substitutes. Biomaterials, 2008, 29, 1147-1158.	11.4	202
23	PEG-stabilized carbodiimide crosslinked collagenâ€“chitosan hydrogels for corneal tissue engineering. Biomaterials, 2008, 29, 3960-3972.	11.4	360
24	25-Hydroxyvitamin D, cholesterol, and ultraviolet irradiation. Metabolism: Clinical and Experimental, 2008, 57, 741-748.	3.4	79
25	Tissue-Engineered Recombinant Human Collagen-Based Corneal Substitutes for Implantation: Performance of Type I versus Type III Collagen. , 2008, 49, 3887.		116
26	ClC-3 is required for LPA-activated Clâ^' current activity and fibroblast-to-myofibroblast differentiation. American Journal of Physiology - Cell Physiology, 2008, 294, C535-C542.	4.6	50
27	Properties of Porcine and Recombinant Human Collagen Matrices for Optically Clear Tissue Engineering Applications. Biomacromolecules, 2006, 7, 1819-1828.	5.4	81
28	Pamidronate infusion in patients with systemic sclerosis results in changes in blood mononuclear cell cytokine profiles. Clinical and Experimental Immunology, 2006, 146, 371-380.	2.6	17
29	A Simple, Cross-linked Collagen Tissue Substitute for Corneal Implantation. , 2006, 47, 1869.		184
30	Effects of a low sodium diet on bone metabolism. Journal of Bone and Mineral Metabolism, 2005, 23, 506-513.	2.7	26
31	LPA and S1P Increase Corneal Epithelial and Endothelial Cell Transcellular Resistance. , 2005, 46, 1927.		47
32	Chloride channel activity in human lung fibroblasts and myofibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L1110-L1116.	2.9	33
33	Innervated human corneal equivalents as in vitro models for nerveâ€target cell interactions. FASEB Journal, 2004, 18, 170-172.	0.5	59
34	Bicarbonate promotes dye coupling in the epithelium and endothelium of the rabbit cornea. Current Eye Research, 2004, 28, 109-120.	1.5	19
35	A Collagen-Based Scaffold for a Tissue Engineered Human Cornea: Physical and Physiological Properties. International Journal of Artificial Organs, 2003, 26, 764-773.	1.4	104
36	Polyamines in Cultured Rabbit Corneal Cells. , 2003, 44, 2512.		5

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37	Artificial Human Corneas. Cornea, 2002, 21, S54-S61.	1.7	102
38	Injury-elicited differential transcriptional regulation of phospholipid growth factor receptors in the cornea. American Journal of Physiology - Cell Physiology, 2002, 283, C1646-C1654.	4.6	23
39	Gap junctional communication in the human corneal endothelium and epithelium. Current Eye Research, 2002, 25, 29-36.	1.5	39
40	Epithelial Cell Culture. , 2002, , 131-140.		2
41	Cornea. , 2002, , 927-941.		2
42	Receptor-mediated activation of a Cl(-) current by LPA and S1P in cultured corneal keratocytes. Investigative Ophthalmology and Visual Science, 2002, 43, 3202-8.	3.3	20
43	Whose Naughty or Nice: Electrophysiological Screening of Cells for Use in Tissue-Engineered Corneas. , 2000, 1, 115-120.		1
44	Phospholipid Growth Factors and Corneal Wound Healing. Annals of the New York Academy of Sciences, 2000, 905, 142-158.	3.8	30
45	Functional Human Corneal Equivalents Constructed from Cell Lines. Science, 1999, 286, 2169-2172.	12.6	432
46	Growth factor-like phospholipids generated after corneal injury. American Journal of Physiology - Cell Physiology, 1998, 274, C1065-C1074.	4.6	102
47	Characterization of voltage-gated, whole-cell ionic currents from conjunctival epithelial cells. Investigative Ophthalmology and Visual Science, 1998, 39, 351-7.	3.3	9
48	Dye spread through gap junctions in the corneal epithelium of the rabbit. Current Eye Research, 1997, 16, 445-452.	1.5	22
49	Phorbol ester modulation of rabbit corneal endothelial permeability. Investigative Ophthalmology and Visual Science, 1997, 38, 2649-54.	3.3	7
50	Ionic channels in corneal endothelium. American Journal of Physiology - Cell Physiology, 1996, 270, C975-C989.	4.6	28
51	Effect of tumor necrosis factor alpha on rabbit corneal endothelial permeability. Investigative Ophthalmology and Visual Science, 1996, 37, 1924-9.	3.3	14
52	Nonselective cation channel activation during wound healing in the corneal endothelium. American Journal of Physiology - Cell Physiology, 1995, 268, C1179-C1185.	4.6	12
53	Lysophosphatidic acid, serum, and hyposmolarity activate Cl- currents in corneal keratocytes. American Journal of Physiology - Cell Physiology, 1995, 269, C1385-C1393.	4.6	24
54	Keratocyte gap junctional communication in normal and wounded rabbit corneas and human corneas. Investigative Ophthalmology and Visual Science, 1995, 36, 2568-76.	3.3	61

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55	Loss of keratocyte ion channels during wound healing in the rabbit cornea. Investigative Ophthalmology and Visual Science, 1995, 36, 1095-9.	3.3	5
56	Ion channel involvement in the temperature-sensitive response of the rabbit corneal endothelial cell resting membrane potential. Journal of Membrane Biology, 1993, 135, 61-71.	2.1	5
57	Intraocular Irrigating Solutions: The Importance of Ca++ and Glass Versus Polypropylene Bottles. International Ophthalmology Clinics, 1993, 33, 109-125.	0.7	3
58	Initial characterization of whole-cell currents from freshly dissociated corneal keratocytes. Current Eye Research, 1992, 11, 127-134.	1.5	8
59	Dye coupling in the corneal endothelium: effects of ouabain and extracellular calcium removal. Cell and Tissue Research, 1992, 269, 57-63.	2.9	11
60	Sodium channels in ocular epithelia. Pflugers Archiv European Journal of Physiology, 1991, 419, 454-459.	2.8	36
61	Resting voltage measurements of the rabbit corneal endothelium using patch-current clamp techniques. Investigative Ophthalmology and Visual Science, 1991, 32, 106-11.	3.3	13
62	Induction and duration of tonic immobility in the lemon shark, Negaprion brevirostris. Fish Physiology and Biochemistry, 1990, 8, 207-210.	2.3	49
63	A method for the in vitro determination of feline corneal endothelial permeability. Current Eye Research, 1990, 9, 1129-1136.	1.5	2
64	Corneal endothelial junctions and the effect of ouabain. Investigative Ophthalmology and Visual Science, 1990, 31, 933-41.	3.3	18
65	In vitro corneal endothelial permeability in rabbit and human: The effects of age, cataract surgery and diabetes. Experimental Eye Research, 1989, 49, 751-767.	2.6	56
66	Comparison of conjunctival and corneal surface areas in rabbit and human. Current Eye Research, 1988, 7, 483-486.	1.5	159