

Jiucheng He

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,929
citations

361413

20
h-index

434195

31
g-index

42
all docs

42
docs citations

42
times ranked

1956
citing authors

#	ARTICLE	IF	CITATIONS
1	p38 and ERK1/2 Coordinate Cellular Migration and Proliferation in Epithelial Wound Healing. <i>Journal of Biological Chemistry</i> , 2003, 278, 21989-21997.	3.4	298
2	Cytokine expression in the alkali-burned cornea. <i>Current Eye Research</i> , 1997, 16, 670-676.	1.5	147
3	Mapping the entire human corneal nerve architecture. <i>Experimental Eye Research</i> , 2010, 91, 513-523.	2.6	145
4	Resolvin E1 Improves Tear Production and Decreases Inflammation in a Dry Eye Mouse Model. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010, 26, 431-439.	1.4	111
5	Topical Combination of NGF and DHA Increases Rabbit Corneal Nerve Regeneration after Photorefractive Keratectomy. , 2005, 46, 3121.		89
6	Neuroprotectin D1 Synthesis and Corneal Nerve Regeneration after Experimental Surgery and Treatment with PEDF plus DHA. , 2010, 51, 804.		84
7	Neuroanatomy and Neurochemistry of Mouse Cornea. , 2016, 57, 664.		83
8	Mapping the Nerve Architecture of Diabetic Human Corneas. <i>Ophthalmology</i> , 2012, 119, 956-964.	5.2	65
9	Neuroprotectin D1 Restores Corneal Nerve Integrity and Function After Damage From Experimental Surgery. , 2013, 54, 4109.		65
10	Recovery of Corneal Sensitivity, Calcitonin Gene-Related Peptide-Positive Nerves, and Increased Wound Healing Induced by Pigment Epithelial-Derived Factor Plus Docosahexaenoic Acid After Experimental Surgery. <i>JAMA Ophthalmology</i> , 2012, 130, 76.	2.4	63
11	Epidermal Growth Factor Synergism with TGF- β 1 via PI-3 Kinase Activity in Corneal Keratocyte Differentiation. , 2008, 49, 2936.		61
12	Recovery of Corneal Sensitivity and Increase in Nerve Density and Wound Healing in Diabetic Mice After PEDF Plus DHA Treatment. <i>Diabetes</i> , 2017, 66, 2511-2520.	0.6	53
13	Kinetics of Cytokine Production in the Cornea and Trigeminal Ganglion of C57BL/6 Mice after Corneal HSV-1 Infection. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 609-615.	1.2	51
14	Defining a mechanistic link between pigment epithelium-derived factor, docosahexaenoic acid, and corneal nerve regeneration. <i>Journal of Biological Chemistry</i> , 2017, 292, 18486-18499.	3.4	50
15	Comparison of corneal wound-healing response in photorefractive keratectomy and laser-assisted subepithelial keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2005, 31, 1632-1639.	1.5	47
16	The PEDF Neuroprotective Domain Plus DHA Induces Corneal Nerve Regeneration After Experimental Surgery. , 2015, 56, 3505.		45
17	Alkali-Induced Corneal Stromal Melting Prevention by a Novel Platelet-Activating Factor Receptor Antagonist. <i>JAMA Ophthalmology</i> , 2006, 124, 70.	2.4	41
18	Omega-3 fatty acids in dry eye and corneal nerve regeneration after refractive surgery. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 82, 319-325.	2.2	37

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19	PEDF plus DHA modulate inflammation and stimulate nerve regeneration after HSV-1 infection. <i>Experimental Eye Research</i> , 2017, 161, 153-162.	2.6	33
20	Synergistic Effect of Platelet-Activating Factor and Tumor Necrosis Factor- β on Corneal Myofibroblast Apoptosis. , 2006, 47, 883.		29
21	Comparative in vivo high-resolution confocal microscopy of corneal epithelium, sub-basal nerves and stromal cells in mice with and without dry eye after photorefractive keratectomy. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 545-549.	2.6	28
22	Novel RvD6 stereoisomer induces corneal nerve regeneration and wound healing post-injury by modulating trigeminal transcriptomic signature. <i>Scientific Reports</i> , 2020, 10, 4582.	3.3	28
23	Remodeling of Substance P Sensory Nerves and Transient Receptor Potential Melastatin 8 (TRPM8) Cold Receptors After Corneal Experimental Surgery. , 2019, 60, 2449.		25
24	Wound-healing response and refractive regression after conductive keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 480-486.	1.5	22
25	Mouse strains and sexual divergence in corneal innervation and nerve regeneration. <i>FASEB Journal</i> , 2019, 33, 4598-4609.	0.5	22
26	Prevention of experimental diffuse lamellar keratitis using a novel platelet-activating factor receptor antagonist. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 884-891.	1.5	21
27	PAF-Induced Furin and MT1-MMP Expression Is Independent of MMP-2 Activation in Corneal Myofibroblasts. , 2005, 46, 487.		21
28	Use of Autologous Serum in Corneal Epithelial Defects Post-Lamellar Surgery. <i>Cornea</i> , 2005, 24, 992-997.	1.7	20
29	Lipoxin A4 inhibits platelet-activating factor inflammatory response and stimulates corneal wound healing of injuries that compromise the stroma. <i>Experimental Eye Research</i> , 2012, 103, 9-16.	2.6	20
30	Aspirin-Triggered Lipoxin A4 (15-epi-LXA4) Increases the Endothelial Viability of Human Corneas Storage in Optisol-GS. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011, 27, 235-241.	1.4	18
31	Corneal Nerve Architecture in a Donor with Unilateral Epithelial Basement Membrane Dystrophy. <i>Ophthalmic Research</i> , 2013, 49, 185-191.	1.9	16
32	Changes in Corneal Innervation after HSV-1 Latency Established with Different Reactivation Phenotypes. <i>Current Eye Research</i> , 2017, 42, 181-186.	1.5	16
33	Mapping the entire nerve architecture of the cat cornea. <i>Veterinary Ophthalmology</i> , 2019, 22, 345-352.	1.0	12
34	Neuroanatomy and neurochemistry of rat cornea: Changes with age. <i>Ocular Surface</i> , 2021, 20, 86-94.	4.4	12
35	The Induction of an Angiogenic Response in Corneal Myofibroblasts by Platelet-Activating Factor (PAF). <i>Current Eye Research</i> , 2010, 35, 1063-1071.	1.5	11
36	ELV-N32 and RvD6 isomer decrease pro-inflammatory cytokines, senescence programming, ACE2 and SARS-CoV-2-spike protein RBD binding in injured cornea. <i>Scientific Reports</i> , 2021, 11, 12787.	3.3	11

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37	Elucidating the structure and functions of Resolvin D6 isomers on nerve regeneration with a distinctive trigeminal transcriptome. <i>FASEB Journal</i> , 2021, 35, e21775.	0.5	9
38	A Novel Platelet Activating Factor Receptor Antagonist Reduces Cell Infiltration and Expression of Inflammatory Mediators in Mice Exposed to Desiccating Conditions after PRK. <i>Clinical and Developmental Immunology</i> , 2009, 2009, 1-7.	3.3	8
39	Morphology and neurochemistry of rabbit iris innervation. <i>Experimental Eye Research</i> , 2015, 135, 182-191.	2.6	4
40	Influence of dynamic contact of hard contact lens materials on corneal epithelial cells examined by rose bengal staining. <i>Current Eye Research</i> , 1996, 15, 647-652.	1.5	2
41	Influence of dynamic contact of hard contact lens materials on corneal epithelial cells examined by rose bengal staining: ERRATUM. <i>Current Eye Research</i> , 1997, 16, 1274-1274.	1.5	0