

# Progress in corneal wound healing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Upregulation of Bone Morphogenetic Protein-1/Mammalian Tolloid and Procollagen C-Proteinase Enhancer-1 in Corneal Scarring. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 6712-6721.	3.3	20
2	Ocular Complications of Diabetes and Therapeutic Approaches. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	104
3	TGF- $\beta$ 2 and NF- $\kappa$ B signaling pathway crosstalk potentiates corneal epithelial senescence through an RNA stress response. <i>Aging</i> , 2016, 8, 2337-2354.	1.4	39
4	Downregulation of miR-18a induces CTGF and promotes proliferation and migration of sodium hyaluronate treated human corneal epithelial cells. <i>Gene</i> , 2016, 591, 129-136.	1.0	12
5	Polymeric nanocapsules: a potential new therapy for corneal wound healing. <i>Drug Delivery and Translational Research</i> , 2016, 6, 708-721.	3.0	26
6	Stromal Tissue Rigidity Promotes Mesenchymal Stem Cell-Mediated Corneal Wound Healing Through the Transforming Growth Factor $\beta$ 2 Signaling Pathway. <i>Stem Cells</i> , 2016, 34, 2525-2535.	1.4	19
7	A cell-based screening assay to identify pharmaceutical compounds that enhance the regenerative quality of corneal repair. <i>Wound Repair and Regeneration</i> , 2016, 24, 89-99.	1.5	5
8	Construction of a Corneal Stromal Equivalent with SMILE-Derived Lenticules and Fibrin Glue. <i>Scientific Reports</i> , 2016, 6, 33848.	1.6	31
9	ITF2357 transactivates Id3 and regulate TGF $\beta$ 2/BMP7 signaling pathways to attenuate corneal fibrosis. <i>Scientific Reports</i> , 2016, 6, 20841.	1.6	34
10	Molecular insights on the effect of TGF- $\beta$ 1/- $\beta$ 3 in human corneal fibroblasts. <i>Experimental Eye Research</i> , 2016, 146, 233-241.	1.2	41
11	Targeting Imbalance between IL-1 $\beta$ and IL-1 Receptor Antagonist Ameliorates Delayed Epithelium Wound Healing in Diabetic Mouse Corneas. <i>American Journal of Pathology</i> , 2016, 186, 1466-1480.	1.9	69
12	Restoration of Corneal Transparency by Mesenchymal Stem Cells. <i>Stem Cell Reports</i> , 2016, 7, 583-590.	2.3	110
13	Small leucine-rich repeat proteoglycans in corneal inflammation and wound healing. <i>Experimental Eye Research</i> , 2016, 151, 142-149.	1.2	30
14	Adenoviral Gene Therapy for Diabetic Keratopathy: Effects on Wound Healing and Stem Cell Marker Expression in Human Organ-cultured Corneas and Limbal Epithelial Cells. <i>Journal of Visualized Experiments</i> , 2016, , e54058.	0.2	16
15	Efficient Transduction of Corneal Stroma by Adeno-Associated Viral Serotype Vectors for Implications in Gene Therapy of Corneal Diseases. <i>Human Gene Therapy</i> , 2016, 27, 598-608.	1.4	9
16	Proteins of the corneal stroma: importance in visual function. <i>Cell and Tissue Research</i> , 2016, 364, 9-16.	1.5	27
17	Long-term homeostasis and wound healing in an in vitro epithelial stem cell niche model. <i>Scientific Reports</i> , 2017, 7, 43557.	1.6	12
18	The receptor for advanced glycation end products RAGE is involved in corneal healing. <i>Annals of Anatomy</i> , 2017, 211, 13-20.	1.0	11

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19	Construction of tissue-engineered full-thickness cornea substitute using limbal epithelial cell-like and corneal endothelial cell-like cells derived from human embryonic stem cells. <i>Biomaterials</i> , 2017, 124, 180-194.	5.7	49
20	Alternatives to eye bank native tissue for corneal stromal replacement. <i>Progress in Retinal and Eye Research</i> , 2017, 59, 97-130.	7.3	75
21	Hepatocyte Growth Factor Suppresses Inflammation and Promotes Epithelium Repair in Corneal Injury. <i>Molecular Therapy</i> , 2017, 25, 1881-1888.	3.7	52
22	Effects of MMP12 on cell motility and inflammation during corneal epithelial repair. <i>Experimental Eye Research</i> , 2017, 160, 11-20.	1.2	21
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24	Endothelial Cell Loss in Diabetic and Nondiabetic Eyes After Cataract Surgery. <i>Cornea</i> , 2017, 36, 948-951.	0.9	18
25	Injury and defective regeneration of the epithelial basement membrane in corneal fibrosis: A paradigm for fibrosis in other organs?. <i>Matrix Biology</i> , 2017, 64, 17-26.	1.5	70
26	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.	0.3	53
27	Development of wound healing models to study TGF $\beta$ 3's effect on SMA. <i>Experimental Eye Research</i> , 2017, 161, 52-60.	1.2	17
28	Nerve regeneration by human corneal stromal keratocytes and stromal fibroblasts. <i>Scientific Reports</i> , 2017, 7, 45396.	1.6	45
29	Non-steroidal anti-inflammatory drug delays corneal wound healing by reducing production of 12-hydroxyheptadecatrienoic acid, a ligand for leukotriene B4 receptor 2. <i>Scientific Reports</i> , 2017, 7, 13267.	1.6	49
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32	TFOS DEWS II pathophysiology report. <i>Ocular Surface</i> , 2017, 15, 438-510.	2.2	1,049
33	Concise Review: Stem Cells for Corneal Wound Healing. <i>Stem Cells</i> , 2017, 35, 2105-2114.	1.4	73
34	Myofibroblast transdifferentiation: The dark force in ocular wound healing and fibrosis. <i>Progress in Retinal and Eye Research</i> , 2017, 60, 44-65.	7.3	246
35	Immobilization of Growth Factors to Collagen Surfaces Using Pulsed Visible Light. <i>Biomacromolecules</i> , 2017, 18, 3185-3196.	2.6	14
36	Genome-wide analysis suggests a differential microRNA signature associated with normal and diabetic human corneal limbus. <i>Scientific Reports</i> , 2017, 7, 3448.	1.6	32

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37	miRâ€184 exhibits angiostatic properties <i>via</i> regulation of Akt and VEGF signaling pathways. <i>FASEB Journal</i> , 2017, 31, 256-265.	0.2	40
38	Corneal epithelial cells function as surrogate Schwann cells for their sensory nerves. <i>Glia</i> , 2017, 65, 851-863.	2.5	99
39	A double Descemetâ€™s stripping endothelial keratoplasty on a penetrating keratoplasty. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2016-218257.	0.2	1
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50	Lumican as a multivalent effector in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 344-351.	6.6	57
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78	<i>In Vivo</i> Efficacy of Histatin-1 in a Rabbit Animal Model. <i>Current Eye Research</i> , 2018, 43, 1215-1220.	0.7	9
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83	Myosin phosphatase accelerates cutaneous wound healing by regulating migration and differentiation of epidermal keratinocytes via Akt signaling pathway in human and murine skin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3268-3280.	1.8	6
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85	Aniridia-related keratopathy: Structural changes in na <sup>+</sup> and transplanted corneal buttons. <i>PLoS ONE</i> , 2018, 13, e0198822.	1.1	13
86	KCa3.1 ion channel: A novel therapeutic target for corneal fibrosis. <i>PLoS ONE</i> , 2018, 13, e0192145.	1.1	29
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88	The Effect of Calcium and Glucose Concentration on Corneal Epithelial Cell Lines Differentiation, Proliferation, and Focal Adhesion Expression. <i>BioResearch Open Access</i> , 2019, 8, 74-83.	2.6	7
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119	Corneal Healing. <i>Essentials in Ophthalmology</i> , 2019, , 13-22.	0.0	2
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130	The Wound Healing Responses and Corneal Biomechanics after Keratorefractive Surgery. , 0, , .		0
131	The PACAP-derived peptide MPAP0 facilitates corneal wound healing by promoting corneal epithelial cell proliferation and trigeminal ganglion cell axon regeneration. <i>International Journal of Biological Sciences</i> , 2019, 15, 2676-2691.	2.6	16
132	Corneal Epithelial-Stromal Fibroblast Constructs to Study Cell-Cell Communication in Vitro. <i>Bioengineering</i> , 2019, 6, 110.	1.6	23
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136	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
137	Enhancement of corneal epithelium cell survival, proliferation and migration by red light: Relevance to corneal wound healing. <i>Experimental Eye Research</i> , 2019, 180, 231-241.	1.2	15
138	Decorin antagonizes corneal fibroblast migration via caveolae-mediated endocytosis of epidermal growth factor receptor. <i>Experimental Eye Research</i> , 2019, 180, 200-207.	1.2	21
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147	Corneal Cells: Fine-tuning Nerve Regeneration. <i>Current Eye Research</i> , 2020, 45, 291-302.	0.7	7
148	Semaphorin 3A potentiates the profibrotic effects of transforming growth factor- $\beta$ 1 in the cornea. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 333-339.	1.0	13
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150	Blood derived treatment from two allogeneic sources for severe dry eye associated to keratopathy: a multicentre randomised cross over clinical trial. <i>British Journal of Ophthalmology</i> , 2020, 104, 1142-1147.	2.1	18
151	Distinct ocular surface soluble factor profile in human corneal dystrophies. <i>Ocular Surface</i> , 2020, 18, 237-248.	2.2	4
152	Tear Proteases and Protease Inhibitors: Potential Biomarkers and Disease Drivers in Ocular Surface Disease. <i>Eye and Contact Lens</i> , 2020, 46, S70-S83.	0.8	18
153	Germinal peptide eye drops promote corneal wound healing and decrease inflammation after alkali injury. <i>Experimental Eye Research</i> , 2020, 199, 108191.	1.2	3
154	Muse cell spheroids have therapeutic effect on corneal scarring wound in mice and tree shrews. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	15
155	Hyaluronic acid with antioxidants improve wound healing in rats. <i>Biotechnic and Histochemistry</i> , 2021, 96, 536-545.	0.7	11
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