

Single-cell transcriptomics identifies limbal stem cell population and its  
differentiation trajectory in limbal basal epithelium of human eye

Ocular Surface

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular identity of human limbal heterogeneity involved in corneal homeostasis and privilege. <i>Ocular Surface</i> , 2021, 21, 206-220.	2.2	42
2	Single-Cell Transcriptomics Identifies a Unique Entity and Signature Markers of Transit-Amplifying Cells in Human Corneal Limbus. , 2021, 62, 36.		26
4	A single cell atlas of human cornea that defines its development, limbal progenitor cells and their interactions with the immune cells. <i>Ocular Surface</i> , 2021, 21, 279-298.	2.2	102
5	Applications and challenges of high performance computing in genomics. <i>CCF Transactions on High Performance Computing</i> , 2021, 3, 344-352.	1.1	6
6	The Cellular Composition of the Uveal Immune Environment. <i>Frontiers in Medicine</i> , 2021, 8, 721953.	1.2	8
7	Single cell transcriptomics reveals the heterogeneity of the human cornea to identify novel markers of the limbus and stroma. <i>Scientific Reports</i> , 2021, 11, 21727.	1.6	26
8	Heterogeneity of human corneal endothelium implicates lncRNA NEAT1 in Fuchs endothelial corneal dystrophy. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 880-893.	2.3	15
9	Current and Emerging Therapies for Limbal Stem Cell Deficiency. <i>Stem Cells Translational Medicine</i> , 2022, 11, 259-268.	1.6	16
10	Cellular Phenotypic Transformation in Heart Failure Caused by Coronary Heart Disease and Dilated Cardiomyopathy: Delineating at Single-Cell Level. <i>Biomedicines</i> , 2022, 10, 402.	1.4	2
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13	Immuno Tomography (IT) and Imaging Mass Cytometry (IMC) for constructing spatially resolved, multiplexed 3D IMC data sets. <i>Ocular Surface</i> , 2022, 25, 49-54.	2.2	3
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17	Advances in application of single-cell RNA sequencing in cardiovascular research. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	3
18	Cellular and molecular profiles of larval and adult <i>Xenopus</i> corneal epithelia resolved at the single-cell level. <i>Developmental Biology</i> , 2022, 491, 13-30.	0.9	4
19	Corneal endothelial transplantation from bench to bedside: A review of animal models and their translational value for therapeutic development. <i>Experimental Eye Research</i> , 2022, 224, 109241.	1.2	1
20	Corneal regeneration: insights in epithelial stem cell heterogeneity and dynamics. <i>Current Opinion in Genetics and Development</i> , 2022, 77, 101981.	1.5	4

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21	Investigate the stemness of adult adipose-derived stromal cells based on single-cell RNA sequencing. <i>Cell Biology International</i> , 2022, 46, 2118-2131.	1.4	2
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28	Wireless, closed-loop, smart bandage with integrated sensors and stimulators for advanced wound care and accelerated healing. <i>Nature Biotechnology</i> , 2023, 41, 652-662.	9.4	93
29	Concise Review: Bioengineering of Limbal Stem Cell Niche. <i>Bioengineering</i> , 2023, 10, 111.	1.6	5
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40	Update on stem/progenitor cell-based clinical trials for eye disease. , 2023, , 243-272.		0
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46	Induced Pluripotent Stem Cells in Epithelial Lamellar Keratoplasty. Essentials in Ophthalmology, 2023, , 225-241.	0.0	0
51	Paradigms of omics in bioinformatics for accelerating current trends and prospects of stem cell research. , 2024, , 187-201.		0