

Darin Zerti

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

3,052
citations

623734

14
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

8079
citing authors

#	ARTICLE	IF	CITATIONS
1	pRB-Depleted Pluripotent Stem Cell Retinal Organoids Recapitulate Cell State Transitions of Retinoblastoma Development and Suggest an Important Role for pRB in Retinal Cell Differentiation. <i>Stem Cells Translational Medicine</i> , 2022, 11, 415-433.	3.3	15
2	Characterization of SARS-CoV-2 Entry Factors' Expression in Corneal and Limbal Tissues of Adult Human Donors Aged from 58 to 85. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2022, 38, 56-65.	1.4	4
3	Co-expression of SARS-CoV-2 entry genes in the superficial adult human conjunctival, limbal and corneal epithelium suggests an additional route of entry via the ocular surface. <i>Ocular Surface</i> , 2021, 19, 190-200.	4.4	122
4	IGFBPs mediate IGF-1's functions in retinal lamination and photoreceptor development during pluripotent stem cell differentiation to retinal organoids. <i>Stem Cells</i> , 2021, 39, 458-466.	3.2	12
5	Transplanted Pluripotent Stem Cell-Derived Photoreceptor Precursors Elicit Conventional and Unusual Light Responses in Mice With Advanced Retinal Degeneration. <i>Stem Cells</i> , 2021, 39, 882-896.	3.2	32
6	Dissecting the Transcriptional and Chromatin Accessibility Heterogeneity of Proliferating Cone Precursors in Human Retinoblastoma Tumors by Single Cell Sequencing—Opening Pathways to New Therapeutic Strategies?. , 2021, 62, 18.		16
7	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.	4.4	102
8	Developing a simple method to enhance the generation of cone and rod photoreceptors in pluripotent stem cell-derived retinal organoids. <i>Stem Cells</i> , 2020, 38, 45-51.	3.2	42
9	Understanding the complexity of retina and pluripotent stem cell derived retinal organoids with single cell RNA sequencing: current progress, remaining challenges and future prospective. <i>Current Eye Research</i> , 2020, 45, 385-396.	1.5	22
10	SARS-CoV-2 entry factors are highly expressed in nasal epithelial cells together with innate immune genes. <i>Nature Medicine</i> , 2020, 26, 681-687.	30.7	2,182
11	CRX Expression in Pluripotent Stem Cell-Derived Photoreceptors Marks a Transplantable Subpopulation of Early Cones. <i>Stem Cells</i> , 2019, 37, 609-622.	3.2	51
12	An integrated transcriptional analysis of the developing human retina. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	75
13	Decellularised extracellular matrix-derived peptides from neural retina and retinal pigment epithelium enhance the expression of synaptic markers and light responsiveness of human pluripotent stem cell derived retinal organoids. <i>Biomaterials</i> , 2019, 199, 63-75.	11.4	53
14	Systematic Comparison of Retinal Organoid Differentiation from Human Pluripotent Stem Cells Reveals Stage Specific, Cell Line, and Methodological Differences. <i>Stem Cells Translational Medicine</i> , 2019, 8, 694-706.	3.3	71
15	Deconstructing Retinal Organoids: Single Cell RNA-Seq Reveals the Cellular Components of Human Pluripotent Stem Cell-Derived Retina. <i>Stem Cells</i> , 2019, 37, 593-598.	3.2	106
16	Cellular regeneration strategies for macular degeneration: past, present and future. <i>Eye</i> , 2018, 32, 946-971.	2.1	76
17	Extracellular matrix component expression in human pluripotent stem cell-derived retinal organoids recapitulates retinogenesis in vivo and reveals an important role for IMPG1 and CD44 in the development of photoreceptors and interphotoreceptor matrix. <i>Acta Biomaterialia</i> , 2018, 74, 207-221.	8.3	34
18	Modulation of Type-1 and Type-2 Cannabinoid Receptors by Saffron in a Rat Model of Retinal Neurodegeneration. <i>PLoS ONE</i> , 2016, 11, e0166827.	2.5	36