

# Heidi Hongisto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3552581/publications.pdf>

Version: 2024-02-01

14  
papers

352  
citations

1040056

9  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Xeno- and feeder-free differentiation of human pluripotent stem cells to two distinct ocular epithelial cell types using simple modifications of one method. <i>Stem Cell Research and Therapy</i> , 2017, 8, 291.	5.5	80
2	Laminin-511 expression is associated with the functionality of feeder cells in human embryonic stem cell culture. <i>Stem Cell Research</i> , 2012, 8, 97-108.	0.7	54
3	Small non-coding RNA landscape of extracellular vesicles from human stem cells. <i>Scientific Reports</i> , 2018, 8, 15503.	3.3	54
4	Structure and Barrier Properties of Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells Are Affected by Extracellular Matrix Protein Coating. <i>Tissue Engineering - Part A</i> , 2014, 20, 140120073644000.	3.1	39
5	Comparative proteomic analysis of human embryonic stem cell-derived and primary human retinal pigment epithelium. <i>Scientific Reports</i> , 2017, 7, 6016.	3.3	26
6	Modulation of Wnt/BMP pathways during corneal differentiation of hPSC maintains ABCG2-positive LSC population that demonstrates increased regenerative potential. <i>Stem Cell Research and Therapy</i> , 2019, 10, 236.	5.5	21
7	Efficient and Scalable Directed Differentiation of Clinically Compatible Corneal Limbal Epithelial Stem Cells from Human Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	16
8	Survival and functionality of xeno-free human embryonic stem cell-derived retinal pigment epithelial cells on polyester substrate after transplantation in rabbits. <i>Acta Ophthalmologica</i> , 2019, 97, e688-e699.	1.1	16
9	Submacular integration of hESC-RPE monolayer xenografts in a surgical non-human primate model. <i>Stem Cell Research and Therapy</i> , 2021, 12, 423.	5.5	11
10	In vitro stem cell modelling demonstrates a proof-of-concept for excess functional mutant TIMP3 as the cause of Sorsby fundus dystrophy. <i>Journal of Pathology</i> , 2020, 252, 138-150.	4.5	10
11	Drug Flux across RPE Cell Models: The Hunt for an Appropriate Outer Blood-Retinal Barrier Model for Use in Early Drug Discovery. <i>Pharmaceutics</i> , 2020, 12, 176.	4.5	9
12	Differential Expression of Inflammasome-Related Genes in Induced Pluripotent Stem-Cell-Derived Retinal Pigment Epithelial Cells with or without History of Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6800.	4.1	9
13	Cell maturation influences the ability of hESC-RPE to tolerate cellular stress. <i>Stem Cell Research and Therapy</i> , 2022, 13, 30.	5.5	4
14	Low level of activin A secreted by fibroblast feeder cells accelerates early stage differentiation of retinal pigment epithelial cells from human pluripotent stem cells. <i>Stem Cell Discovery</i> , 2012, 02, 176-186.	0.5	3