

Amanda-Jayne Carr

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,779
citations

361413
20
h-index

526287
27
g-index

32
all docs

32
docs citations

32
times ranked

3159
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase 1 clinical study of an embryonic stem cellâ€‘derived retinal pigment epithelium patch in age-related macular degeneration. <i>Nature Biotechnology</i> , 2018, 36, 328-337.	17.5	507
2	Protective Effects of Human iPS-Derived Retinal Pigment Epithelium Cell Transplantation in the Retinal Dystrophic Rat. <i>PLoS ONE</i> , 2009, 4, e8152.	2.5	382
3	Identification and Correction of Mechanisms Underlying Inherited Blindness in Human iPSC-Derived Optic Cups. <i>Cell Stem Cell</i> , 2016, 18, 769-781.	11.1	279
4	Elucidating the phenomenon of HESC-derived RPE: Anatomy of cell genesis, expansion and retinal transplantation. <i>Experimental Neurology</i> , 2008, 214, 347-361.	4.1	251
5	Stem cells in retinal regeneration: past, present and future. <i>Development (Cambridge)</i> , 2013, 140, 2576-2585.	2.5	213
6	Development of human embryonic stem cell therapies for age-related macular degeneration. <i>Trends in Neurosciences</i> , 2013, 36, 385-395.	8.6	150
7	Molecular characterization and functional analysis of phagocytosis by human embryonic stem cell-derived RPE cells using a novel human retinal assay. <i>Molecular Vision</i> , 2009, 15, 283-95.	1.1	134
8	Imaging of single light-responsive clock cells reveals fluctuating free-running periods. <i>Nature Cell Biology</i> , 2005, 7, 319-321.	10.3	117
9	Translational read-through of the RP2 Arg120stop mutation in patient iPSC-derived retinal pigment epithelium cells. <i>Human Molecular Genetics</i> , 2015, 24, 972-986.	2.9	97
10	Induction of Differentiation by Pyruvate and DMEM in the Human Retinal Pigment Epithelium Cell Line ARPE-19. , 2011, 52, 7148.		85
11	Photoperiod Differentially Regulates Circadian Oscillators in Central and Peripheral Tissues of the Syrian Hamster. <i>Current Biology</i> , 2003, 13, 1543-1548.	3.9	73
12	Embryonic stem cells and retinal repair. <i>Mechanisms of Development</i> , 2007, 124, 807-829.	1.7	71
13	Zebrafish circadian clocks: cells that see light. <i>Biochemical Society Transactions</i> , 2005, 33, 962.	3.4	61
14	Rescue of the MERTK phagocytic defect in a human iPSC disease model using translational read-through inducing drugs. <i>Scientific Reports</i> , 2017, 7, 51.	3.3	55
15	Evidence for an endogenous per1 â€‘and ICER â€‘independent seasonal timer in the hamster pituitary gland. <i>FASEB Journal</i> , 2003, 17, 810-815.	0.5	53
16	Phenotypic and Functional Characterization of MÃ¼ller Glia Isolated from Induced Pluripotent Stem Cell-Derived Retinal Organoids: Improvement of Retinal Ganglion Cell Function upon Transplantation. <i>Stem Cells Translational Medicine</i> , 2019, 8, 775-784.	3.3	46
17	Engineering Efficient Retinal Pigment Epithelium Differentiation From Human Pluripotent Stem Cells. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1295-1304.	3.3	35
18	Light Reaches the Very Heart of the Zebrafish Clock. <i>Chronobiology International</i> , 2006, 23, 91-100.	2.0	30

#	ARTICLE	IF	CITATIONS
19	The expression of retinal cell markers in human retinal pigment epithelial cells and their augmentation by the synthetic retinoid fenretinide. <i>Molecular Vision</i> , 2011, 17, 1701-15.	1.1	26
20	Mislocalisation of BEST1 in iPSC-derived retinal pigment epithelial cells from a family with autosomal dominant vitreoretinopathopathy (ADVIRC). <i>Scientific Reports</i> , 2016, 6, 33792.	3.3	25
21	Using Stem Cells to Model Diseases of the Outer Retina. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 382-389.	4.1	23
22	Degeneration of cortical function in the Royal College of Surgeons rat. <i>Vision Research</i> , 2011, 51, 2176-2185.	1.4	18
23	Neural Retinal Regeneration with Pluripotent Stem Cells. <i>Developments in Ophthalmology</i> , 2014, 53, 97-110.	0.1	13
24	Regulation of retinal pigment epithelial cell phenotype by Annexin A8. <i>Scientific Reports</i> , 2017, 7, 4638.	3.3	10
25	Annexin A8 regulates Wnt signaling to maintain the phenotypic plasticity of retinal pigment epithelial cells. <i>Scientific Reports</i> , 2020, 10, 1256.	3.3	9
26	Bestrophinopathies: perspectives on clinical disease, Bestrophin-1 function and developing therapies. <i>Therapeutic Advances in Ophthalmology</i> , 2021, 13, 251584142199719.	1.4	8
27	Bestrophin1: A Gene that Causes Many Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 419-423.	1.6	4
28	Photoperiod Differentially Regulates Circadian Oscillators in Central and Peripheral Tissues of the Syrian Hamster. <i>Current Biology</i> , 2003, 13, 2124.	3.9	2
29	Spontaneous Generation of Patient-Specific Retinal Pigment Epithelial Cells Using Induced Pluripotent Stem Cell Technology. , 2016, , 143-161.		2
30	iPS cells –an alternative source of RPE?. <i>Acta Ophthalmologica</i> , 2011, 89, 0-0.	1.1	0