

Peter John Coffey

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4994126/peter-john-coffey-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

4,591

citations

37

h-index

67

g-index

74

ext. papers

5,130

ext. citations

6.6

avg, IF

4.75

L-index

#	Paper	IF	Citations
68	Nonsense-mediated mRNA decay efficiency varies in choroideremia providing a target to boost small molecule therapeutics. <i>Human Molecular Genetics</i> , 2019 , 28, 1865-1871	5.6	14
67	Vascular changes in diabetic retinopathy-a longitudinal study in the Nile rat. <i>Laboratory Investigation</i> , 2019 , 99, 1547-1560	5.9	6
66	Phase 1 clinical study of an embryonic stem cell-derived retinal pigment epithelium patch in age-related macular degeneration. <i>Nature Biotechnology</i> , 2018 , 36, 328-337	44.5	311
65	Science-based assessment of source materials for cell-based medicines: report of a stakeholders workshop. <i>Regenerative Medicine</i> , 2018 , 13, 935-944	2.5	10
64	Arl3 and RP2 regulate the trafficking of ciliary tip kinesins. <i>Human Molecular Genetics</i> , 2017 , 26, 2480-2492	3.6	37
63	Stem Cell-Derived RPE Transplantation: The Feasibility and Advantages of Delivery as Monolayers 2017 , 19-31		
62	Stem cell-derived retinal pigment epithelium transplantation for treatment of retinal disease. <i>Progress in Brain Research</i> , 2017 , 231, 225-244	2.9	14
61	Functional rescue of REP1 following treatment with PTC124 and novel derivative PTC-414 in human choroideremia fibroblasts and the nonsense-mediated zebrafish model. <i>Human Molecular Genetics</i> , 2016 , 25, 3416-3431	5.6	54
60	Retrograde Melanopsin Signaling Increases With Age in Retinal Degenerate Mice Lacking Rods and the Majority of Cones 2016 , 57, 115-25		8
59	Efficacy and Safety of Human Retinal Progenitor Cells. <i>Translational Vision Science and Technology</i> , 2016 , 5, 6	3.3	23
58	Using induced pluripotent stem cells to understand retinal ciliopathy disease mechanisms and develop therapies. <i>Biochemical Society Transactions</i> , 2016 , 44, 1245-1251	5.1	15
57	Identification and Correction of Mechanisms Underlying Inherited Blindness in Human iPSC-Derived Optic Cups. <i>Cell Stem Cell</i> , 2016 , 18, 769-781	18	193
56	Translational read-through of the RP2 Arg120stop mutation in patient iPSC-derived retinal pigment epithelium cells. <i>Human Molecular Genetics</i> , 2015 , 24, 972-86	5.6	75
55	Progressing a human embryonic stem-cell-based regenerative medicine therapy towards the clinic. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20140375	5.8	33
54	Using Stem Cells to Model Diseases of the Outer Retina. <i>Computational and Structural Biotechnology Journal</i> , 2015 , 13, 382-9	6.8	16
53	A role for the outer retina in development of the intrinsic pupillary light reflex in mice. <i>Neuroscience</i> , 2015 , 286, 60-78	3.9	16
52	Array-based discovery of aptamer pairs. <i>Analytical Chemistry</i> , 2015 , 87, 821-8	7.8	34

51	Hsp90 inhibition protects against inherited retinal degeneration. <i>Human Molecular Genetics</i> , 2014 , 23, 2164-75	5.6	60
50	ROCK Inhibition Extends Passage of Pluripotent Stem Cell-Derived Retinal Pigmented Epithelium. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 1066-78	6.9	49
49	The heat-shock response co-inducer arimoclomol protects against retinal degeneration in rhodopsin retinitis pigmentosa. <i>Cell Death and Disease</i> , 2014 , 5, e1236	9.8	47
48	Cone photoreceptor definition on adaptive optics retinal imaging. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1073-9	5.5	43
47	iPS Cells for Modelling and Treatment of Retinal Diseases. <i>Journal of Clinical Medicine</i> , 2014 , 3, 1511-41	5.1	17
46	Development of human embryonic stem cell therapies for age-related macular degeneration. <i>Trends in Neurosciences</i> , 2013 , 36, 385-95	13.3	128
45	Rapid and efficient directed differentiation of human pluripotent stem cells into retinal pigmented epithelium. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 384-93	6.9	183
44	Nidek MP1 is able to detect subtle decline in function in inherited and age-related atrophic macular disease with stable visual acuity. <i>Retina</i> , 2011 , 31, 371-9	3.6	31
43	Degeneration of cortical function in the Royal College of Surgeons rat. <i>Vision Research</i> , 2011 , 51, 2176-85	5.1	14
42	Assessments of Visual Function. <i>Neuromethods</i> , 2011 , 287-320	0.4	
41	Dissecting a role for melanopsin in behavioural light aversion reveals a response independent of conventional photoreception. <i>PLoS ONE</i> , 2010 , 5, e15009	3.7	52
40	Long-term outcomes following full macular translocation surgery in neovascular age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2010 , 94, 1337-43	5.5	23
39	Melanopsin contributions to irradiance coding in the thalamo-cortical visual system. <i>PLoS Biology</i> , 2010 , 8, e1000558	9.7	176
38	Long-term visual and microperimetry outcomes following autologous retinal pigment epithelium choroid graft for neovascular age-related macular degeneration. <i>Clinical and Experimental Ophthalmology</i> , 2009 , 37, 275-85	2.4	37
37	Complement factor h is critical in the maintenance of retinal perfusion. <i>American Journal of Pathology</i> , 2009 , 175, 412-21	5.8	38
36	Elucidating the phenomenon of HESC-derived RPE: anatomy of cell genesis, expansion and retinal transplantation. <i>Experimental Neurology</i> , 2008 , 214, 347-61	5.7	217
35	Embryonic stem cells and retinal repair. <i>Mechanisms of Development</i> , 2007 , 124, 807-29	1.7	65
34	Preservation of visual cortical function following retinal pigment epithelium transplantation in the RCS rat using optical imaging techniques. <i>European Journal of Neuroscience</i> , 2007 , 25, 1940-8	3.5	24

33	Complement factor H deficiency in aged mice causes retinal abnormalities and visual dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16651-6	11.5	169
32	Expression and function of junctional adhesion molecule-C in myelinated peripheral nerves. <i>Science</i> , 2007 , 318, 1472-5	33.3	50
31	Constant illumination causes spatially discrete dopamine depletion in the normal and degenerate retina. <i>Journal of Chemical Neuroanatomy</i> , 2007 , 33, 9-22	3.2	18
30	Retinotopy within rat primary visual cortex using optical imaging. <i>NeuroImage</i> , 2005 , 24, 200-6	7.9	32
29	Differentiation of an auditory neuronal cell line suitable for cell transplantation. <i>European Journal of Neuroscience</i> , 2005 , 22, 343-53	3.5	38
28	Transplantation of Schwann cell line clones secreting GDNF or BDNF into the retinas of dystrophic Royal College of Surgeons rats. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 267-74		107
27	Increased c-fos-like immunoreactivity in the superior colliculus and lateral geniculate nucleus of the rd mouse. <i>Brain Research</i> , 2004 , 1025, 220-5	3.7	5
26	Optokinetic test to evaluate visual acuity of each eye independently. <i>Journal of Neuroscience Methods</i> , 2004 , 138, 7-13	3	49
25	Abnormal c-fos-like immunoreactivity in the superior colliculus and other subcortical visual centers of pigmented Royal College of Surgeons rats. <i>Journal of Comparative Neurology</i> , 2004 , 472, 100-12	3.4	4
24	Multipotent retinal progenitors express developmental markers, differentiate into retinal neurons, and preserve light-mediated behavior. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 4167-73		269
23	Transplantation of syngeneic Schwann cells to the retina of the rhodopsin knockout (rho(-/-)) mouse. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3526-32		34
22	Long-term preservation of cortically dependent visual function in RCS rats by transplantation. <i>Nature Neuroscience</i> , 2002 , 5, 53-6	25.5	180
21	Presence of visual head tracking differentiates normal sighted from retinal degenerate mice. <i>Neuroscience Letters</i> , 2002 , 325, 21-4	3.3	67
20	Subretinal transplantation of genetically modified human cell lines attenuates loss of visual function in dystrophic rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9942-7	11.5	178
19	Photoreceptor rescue after low-dose intravitreal IL-1beta injection in the RCS rat. <i>Experimental Eye Research</i> , 2001 , 73, 557-68	3.7	26
18	Basal increase in c-Fos-like expression in superior colliculus of Royal College of Surgeons dystrophic rats can be abolished by intraocular injection of tetrodotoxin. <i>Neuroscience</i> , 2001 , 107, 109-15	3.9	9
17	Preservation and restoration of vision following transplantation. <i>Progress in Brain Research</i> , 2000 , 127, 489-99	2.9	12
16	Spectroscopic analysis of neural activity in brain: increased oxygen consumption following activation of barrel cortex. <i>NeuroImage</i> , 2000 , 12, 664-75	7.9	125

15	Analysis of Optical Imaging Data Using Weak Models and ICA. <i>Perspectives in Neural Computing</i> , 2000 , 217-233		4
14	Spectroscopic analysis of changes in remitted illumination: the response to increased neural activity in brain. <i>NeuroImage</i> , 1999 , 10, 304-26	7.9	116
13	Face processing impairments after encephalitis: amygdala damage and recognition of fear. <i>Neuropsychologia</i> , 1998 , 36, 59-70	3.2	308
12	An evaluation of linear model analysis techniques for processing images of microcirculation activity. <i>NeuroImage</i> , 1998 , 7, 49-71	7.9	54
11	Changes in the pupillary light reflex of pigmented royal college of surgeons rats with Age. <i>Experimental Eye Research</i> , 1998 , 66, 719-30	3.7	17
10	Intraretinal transplantation to prevent photoreceptor degeneration. <i>Ophthalmic Research</i> , 1997 , 29, 305-19	2.9	26
9	Light induced EEG desynchronization and behavioral arousal in rats with restored retinocollicular projection by peripheral nerve graft. <i>Neuroscience Letters</i> , 1996 , 218, 45-8	3.3	40
8	Regional expression of fos-like immunoreactivity following seizures induced by pentylenetetrazole and maximal electroshock. <i>Experimental Neurology</i> , 1992 , 118, 261-74	5.7	64
7	The impact of intracerebral retinal transplants on types of behavior exhibited by host rats. <i>Trends in Neurosciences</i> , 1991 , 14, 358-62	13.3	17
6	Detecting the world through a retinal implant. <i>Progress in Brain Research</i> , 1990 , 82, 269-75	2.9	29
5	An investigation into the early stages of the inflammatory response following ibotenic acid-induced neuronal degeneration. <i>Neuroscience</i> , 1990 , 35, 121-32	3.9	108
4	Ibotenate-induced total septal lesions reduce resistance to extinction but spare the partial reinforcement extinction effect in the rat. <i>Experimental Brain Research</i> , 1989 , 77, 140-52	2.3	10
3	The role of subicular outputs in the development of the partial reinforcement extinction effect. <i>Experimental Brain Research</i> , 1989 , 77, 153-60	2.3	57
2	Retinal transplant-mediated learning in a conditioned suppression task in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 7248-9	11.5	43
1	Ibotenic acid induced demyelination in the central nervous system: a consequence of a local inflammatory response. <i>Neuroscience Letters</i> , 1988 , 84, 178-84	3.3	177