Yvan Arsenijevic

List of Publications by Year
in descending order

60	3,188	182225 30	182931 54
papers	citations	h-index	g-index

65	65	65	4698
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The connecting cilium inner scaffold provides a structural foundation that protects against retinal degeneration. PLoS Biology, 2022, 20, e3001649.	2.6	32
2	A new mouse model for retinal degeneration due to Fam161a deficiency. Scientific Reports, 2021, 11, 2030.	1.6	17
3	Enhancer of Zeste Homolog 2 (EZH2) Contributes to Rod Photoreceptor Death Process in Several Forms of Retinal Degeneration and Its Activity Can Serve as a Biomarker for Therapy Efficacy. International Journal of Molecular Sciences, 2021, 22, 9331.	1.8	5
4	Pathogenic Effects of Mineralocorticoid Pathway Activation in Retinal Pigment Epithelium. International Journal of Molecular Sciences, 2021, 22, 9618.	1.8	11
5	An in vitro Model of Human Retinal Detachment Reveals Successive Death Pathway Activations. Frontiers in Neuroscience, 2020, 14, 571293.	1.4	6
6	Lentiviral mediated RPE65 gene transfer in healthy hiPSCs-derived retinal pigment epithelial cells markedly increased RPE65 mRNA, but modestly protein level. Scientific Reports, 2020, 10, 8890.	1.6	5
7	Pharmacological disruption of the Notch transcription factor complex. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16292-16301.	3.3	64
8	CFH exerts anti-oxidant effects on retinal pigment epithelial cells independently from protecting against membrane attack complex. Scientific Reports, 2019, 9, 13873.	1.6	43
9	Gene Transfer with AAV9-PHP.B Rescues Hearing in a Mouse Model of Usher Syndrome 3A and Transduces Hair Cells in a Non-human Primate. Molecular Therapy - Methods and Clinical Development, 2019, 13, 1-13.	1.8	110
10	The Evaluation of BMI1 Posttranslational Modifications During Retinal Degeneration to Understand BMI1 Action on Photoreceptor Death Execution. Advances in Experimental Medicine and Biology, 2018, 1074, 359-365.	0.8	1
11	Cone Genesis Tracing by the Chrnb4-EGFP Mouse Line: Evidences of Cellular Material Fusion after Cone Precursor Transplantation. Molecular Therapy, 2017, 25, 634-653.	3.7	56
12	Nkx2.1 regulates the generation of telencephalic astrocytes during embryonic development. Scientific Reports, 2017, 7, 43093.	1.6	30
13	Differentiation and Transplantation of Embryonic Stem Cell-Derived Cone Photoreceptors into a Mouse Model of End-Stage Retinal Degeneration. Stem Cell Reports, 2017, 8, 1659-1674.	2.3	82
14	ROCK-1 mediates diabetes-induced retinal pigment epithelial and endothelial cell blebbing: Contribution to diabetic retinopathy. Scientific Reports, 2017, 7, 8834.	1.6	36
15	Evaluation of tolerance to lentiviral LV-RPE65 gene therapy vector after subretinal delivery in non-human primates. Translational Research, 2017, 188, 40-57.e4.	2.2	21
16	Nephropathy in Pparg-null mice highlights PPARÎ³ systemic activities in metabolism and in the immune system. PLoS ONE, 2017, 12, e0171474.	1.1	34
17	Rai1 frees mice from the repression of active wake behaviors by light. ELife, 2017, 6, .	2.8	14
18	Determination of Rod and Cone Influence to the Early and Late Dynamic of the Pupillary Light Response. , 2016, 57, 2501.		34

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19	Olaparib significantly delays photoreceptor loss in a model for hereditary retinal degeneration. Scientific Reports, 2016, 6, 39537.	1.6	45
20	Adamts18 deletion results in distinct developmental defects and provides a model for congenital disorders of lens, lung, and female reproductive tract development. Biology Open, 2016, 5, 1585-1594.	0.6	31
21	Animal modelling for inherited central vision loss. Journal of Pathology, 2016, 238, 300-310.	2.1	50
22	Mutations in CEP78 Cause Cone-Rod Dystrophy and Hearing Loss Associated with Primary-Cilia Defects. American Journal of Human Genetics, 2016, 99, 770-776.	2.6	44
23	HDAC inhibition in thecpfl1mouse protects degenerating cone photoreceptorsin vivo. Human Molecular Genetics, 2016, 25, ddw275.	1.4	39
24	Amyloid Precursor-Like Protein 2 deletion-induced retinal synaptopathy related to congenital stationary night blindness: structural, functional and molecular characteristics. Molecular Brain, 2016, 9, 64.	1.3	9
25	Cell Cycle Proteins and Retinal Degeneration: Evidences of New Potential Therapeutic Targets. Advances in Experimental Medicine and Biology, 2016, 854, 371-377.	0.8	6
26	Multigenic lentiviral vectors for combined and tissue-specific expression of miRNA- and protein-based antiangiogenic factors. Molecular Therapy - Methods and Clinical Development, 2015, 2, 14064.	1.8	43
27	Interactome analysis reveals that FAM161A, deficient in recessive retinitis pigmentosa, is a component of the Golgi-centrosomal network. Human Molecular Genetics, 2015, 24, 3359-3371.	1.4	19
28	Construction and Quantitative Evaluation of a Dual Specific Promoter System for Monitoring the Expression Status of Stra8 and c-kit Genes. Molecular Biotechnology, 2014, 56, 1100-1109.	1.3	2
29	Notch signaling in the pigmented epithelium of the anterior eye segment promotes ciliary body development at the expense of iris formation. Pigment Cell and Melanoma Research, 2014, 27, 580-589.	1.5	5
30	Derivation of Traceable and Transplantable Photoreceptors from Mouse Embryonic Stem Cells. Stem Cell Reports, 2014, 2, 853-865.	2.3	99
31	Retinal degeneration depends on Bmi1 function and reactivation of cell cycle proteins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E593-601.	3.3	32
32	ROCK Inhibitor Enhances Adhesion and Wound Healing of Human Corneal Endothelial Cells. PLoS ONE, 2013, 8, e62095.	1.1	111
33	Rapid Cohort Generation and Analysis of Disease Spectrum of Large Animal Model of Cone Dystrophy. PLoS ONE, 2013, 8, e71363.	1.1	17
34	FAM161A, associated with retinitis pigmentosa, is a component of the cilia-basal body complex and interacts with proteins involved in ciliopathies. Human Molecular Genetics, 2012, 21, 5174-5184.	1.4	51
35	Caveolin-1 opens endothelial cell junctions by targeting catenins. Cardiovascular Research, 2012, 93, 130-140.	1.8	76
36	Reduction of choroidal neovascularization in mice by adenoâ€associated virusâ€delivered antiâ€vascular endothelial growth factor short hairpin RNA. Journal of Gene Medicine, 2012, 14, 632-641.	1.4	48

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37	Gene Therapy Regenerates Protein Expression in Cone Photoreceptors in Rpe65R91W/R91W Mice. PLoS ONE, 2011, 6, e16588.	1.1	26
38	Retinal Degeneration Progression Changes Lentiviral Vector Cell Targeting in the Retina. PLoS ONE, 2011, 6, e23782.	1.1	23
39	Nonsense Mutations in FAM161A Cause RP28-Associated Recessive Retinitis Pigmentosa. American Journal of Human Genetics, 2010, 87, 376-381.	2.6	76
40	Remaining Rod Activity Mediates Visual Behavior in AdultRpe65â˜'/â˜'mice.. , 2010, 51, 6835.		13
41	Chromosomal Number Aberrations and Transformation in Adult Mouse Retinal Stem Cells In Vitro. , 2009, 50, 5975.		14
42	The Fetal Hypothalamus Has the Potential to Generate Cells with a Gonadotropin Releasing Hormone (GnRH) Phenotype. PLoS ONE, 2009, 4, e4392.	1.1	16
43	In conditions of limited chromophore supply rods entrap 11-cis-retinal leading to loss of cone function and cell death. Human Molecular Genetics, 2009, 18, 1266-1275.	1.4	47
44	Retinal stem cells: promising candidates for retina transplantation. Cell and Tissue Research, 2008, 331, 347-357.	1.5	36
45	Lentiviral Gene Transfer-Mediated Cone Vision Restoration in RPE65 Knockout Mice. Advances in Experimental Medicine and Biology, 2008, 613, 89-95.	0.8	8
46	Generation of cells committed towards the photoreceptor fate for retinal transplantation. NeuroReport, 2007, 18, 851-855.	0.6	12
47	Towards therapeutic application of ocular stem cells. Seminars in Cell and Developmental Biology, 2007, 18, 805-818.	2.3	41
48	Retinal Stem Cells Transplanted into Models of Late Stages of Retinitis Pigmentosa Preferentially Adopt a Glial or a Retinal Ganglion Cell Fate. , 2007, 48, 446.		98
49	Epidermal Growth Factor Is a Neuronal Differentiation Factor for Retinal Stem Cells In Vitro. Stem Cells, 2006, 24, 696-706.	1.4	43
50	High Yield of Cells Committed to the Photoreceptor Fate from Expanded Mouse Retinal Stem Cells. Stem Cells, 2006, 24, 2060-2070.	1.4	42
51	Phenotype of three consanguineous Tunisian families with early-onset retinal degeneration caused by an R91W homozygous mutation in the RPE65 gene. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 1104-1112.	1.0	30
52	Lentiviral Gene Transfer of Rpe65 Rescues Survival and Function of Cones in a Mouse Model of Leber Congenital Amaurosis. PLoS Medicine, 2006, 3, e347.	3.9	100
53	CNS regeneration: A morphogen's tale. Journal of Neurobiology, 2005, 64, 491-507.	3.7	24
54	Ink4a and Arf differentially affect cell proliferation and neural stem cell self-renewal in Bmi1-deficient mice. Genes and Development, 2005, 19, 1438-1443.	2.7	300

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55	Bmi1 Loss Produces an Increase in Astroglial Cells and a Decrease in Neural Stem Cell Population and Proliferation. Journal of Neuroscience, 2005, 25, 5774-5783.	1.7	112
56	Facile isolation and the characterization of human retinal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15772-15777.	3.3	390
57	Mammalian Neural Stem-Cell Renewal: Nature versus Nurture. Molecular Neurobiology, 2003, 27, 73-98.	1.9	14
58	Delivery of Ciliary Neurotrophic Factor via Lentiviral-Mediated Transfer Protects Axotomized Retinal Ganglion Cells for an Extended Period of Time. Human Gene Therapy, 2003, 14, 103-115.	1.4	101
59	Non-neural Regions of the Adult Human Eye: A Potential Source of Neurons?. , 2003, 44, 799.		20
60	Isolation of Multipotent Neural Precursors Residing in the Cortex of the Adult Human Brain. Experimental Neurology, 2001, 170, 48-62.	2.0	274