Valentin M Sluch

List of Publications by Year
in descending order

14	1,232	840776	1125743
papers	citations	11 h-index	13 g-index

17	17	17	1570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reproducibility and staging of 3D human retinal organoids across multiple pluripotent stem cell lines. Development (Cambridge), 2019, 146, .	2.5	203
2	Single cell RNA sequencing of stem cell-derived retinal ganglion cells. Scientific Data, 2018, 5, 180013.	5.3	55
3	Egr2 overexpression in Schwann cells increases myelination frequency inÂvitro. Heliyon, 2018, 4, e00982.	3.2	5
4	ADIPOR1 is essential for vision and its RPE expression is lost in the Mfrprd6 mouse. Scientific Reports, 2018, 8, 14339.	3.3	32
5	Highly efficient scarless knock-in of reporter genes into human and mouse pluripotent stem cells via transient antibiotic selection. PLoS ONE, 2018, 13, e0201683.	2.5	14
6	Three-Dimensional Retinal Organoids Facilitate the Investigation of Retinal Ganglion Cell Development, Organization and Neurite Outgrowth from Human Pluripotent Stem Cells. Scientific Reports, 2018, 8, 14520.	3.3	130
7	Thyroid hormone signaling specifies cone subtypes in human retinal organoids. Science, 2018, 362, .	12.6	188
8	Enhanced Functional Genomic Screening Identifies Novel Mediators of Dual Leucine Zipper Kinase-Dependent Injury Signaling in Neurons. Neuron, 2017, 94, 1142-1154.e6.	8.1	118
9	Development of a Modular Automated System for Maintenance and Differentiation of Adherent Human Pluripotent Stem Cells. SLAS Discovery, 2017, 22, 1016-1025.	2.7	44
10	Enhanced Stem Cell Differentiation and Immunopurification of Genome Engineered Human Retinal Ganglion Cells. Stem Cells Translational Medicine, 2017, 6, 1972-1986.	3.3	101
11	The Potential of Human Stem Cells for the Study and Treatment of Glaucoma. , 2016, 57, ORSFi1.		51
12	Differentiation of human ESCs to retinal ganglion cells using a CRISPR engineered reporter cell line. Scientific Reports, 2015, 5, 16595.	3.3	142
13	Small-moleculeâ€“directed, efficient generation of retinal pigment epithelium from human pluripotent stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10950-10955.	7.1	114
14	Stem Cells, Retinal Ganglion Cells and Glaucoma. Developments in Ophthalmology, 2014, 53, 111-121.	0.1	30