

# Valentin M Sluch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8769356/publications.pdf>

Version: 2024-02-01

14  
papers

1,232  
citations

840776

11  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducibility and staging of 3D human retinal organoids across multiple pluripotent stem cell lines. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	203
2	Thyroid hormone signaling specifies cone subtypes in human retinal organoids. <i>Science</i> , 2018, 362, .	12.6	188
3	Differentiation of human ESCs to retinal ganglion cells using a CRISPR engineered reporter cell line. <i>Scientific Reports</i> , 2015, 5, 16595.	3.3	142
4	Three-Dimensional Retinal Organoids Facilitate the Investigation of Retinal Ganglion Cell Development, Organization and Neurite Outgrowth from Human Pluripotent Stem Cells. <i>Scientific Reports</i> , 2018, 8, 14520.	3.3	130
5	Enhanced Functional Genomic Screening Identifies Novel Mediators of Dual Leucine Zipper Kinase-Dependent Injury Signaling in Neurons. <i>Neuron</i> , 2017, 94, 1142-1154.e6.	8.1	118
6	Small-moleculeâ€‘directed, efficient generation of retinal pigment epithelium from human pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10950-10955.	7.1	114
7	Enhanced Stem Cell Differentiation and Immunopurification of Genome Engineered Human Retinal Ganglion Cells. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1972-1986.	3.3	101
8	Single cell RNA sequencing of stem cell-derived retinal ganglion cells. <i>Scientific Data</i> , 2018, 5, 180013.	5.3	55
9	The Potential of Human Stem Cells for the Study and Treatment of Glaucoma. , 2016, 57, ORSF11.		51
10	Development of a Modular Automated System for Maintenance and Differentiation of Adherent Human Pluripotent Stem Cells. <i>SLAS Discovery</i> , 2017, 22, 1016-1025.	2.7	44
11	ADIPOR1 is essential for vision and its RPE expression is lost in the <i>Mfrprd6</i> mouse. <i>Scientific Reports</i> , 2018, 8, 14339.	3.3	32
12	Stem Cells, Retinal Ganglion Cells and Glaucoma. <i>Developments in Ophthalmology</i> , 2014, 53, 111-121.	0.1	30
13	Highly efficient scarless knock-in of reporter genes into human and mouse pluripotent stem cells via transient antibiotic selection. <i>PLoS ONE</i> , 2018, 13, e0201683.	2.5	14
14	<i>Egr2</i> overexpression in Schwann cells increases myelination frequency inÂvitro. <i>Heliyon</i> , 2018, 4, e00982.	3.2	5