

# Kesavan Meganathan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11245003/publications.pdf>

Version: 2024-02-01

22  
papers

1,045  
citations

516710

16  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. Archives of Toxicology, 2013, 87, 123-143.	4.2	222
2	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. Archives of Toxicology, 2016, 90, 2513-2529.	4.2	100
3	Evaluation of Developmental Toxicants and Signaling Pathways in a Functional Test Based on the Migration of Human Neural Crest Cells. Environmental Health Perspectives, 2012, 120, 1116-1122.	6.0	93
4	Identification of Thalidomide-Specific Transcriptomics and Proteomics Signatures during Differentiation of Human Embryonic Stem Cells. PLoS ONE, 2012, 7, e44228.	2.5	83
5	From transient transcriptome responses to disturbed neurodevelopment: role of histone acetylation and methylation as epigenetic switch between reversible and irreversible drug effects. Archives of Toxicology, 2014, 88, 1451-1468.	4.2	67
6	Development of a Neural Teratogenicity Test Based on Human Embryonic Stem Cells: Response to Retinoic Acid Exposure. Toxicological Sciences, 2011, 124, 370-377.	3.1	58
7	Definition of transcriptome-based indices for quantitative characterization of chemically disturbed stem cell development: introduction of the STOP-Toxukn and STOP-Toxukk tests. Archives of Toxicology, 2017, 91, 839-864.	4.2	53
8	Mesoderm-Derived Stem Cells: The Link Between the Transcriptome and Their Differentiation Potential. Stem Cells and Development, 2012, 21, 3309-3323.	2.1	47
9	Regulation of Liver Metabolism by the Endosomal GTPase Rab5. Cell Reports, 2015, 11, 884-892.	6.4	47
10	Effects of Cryopreservation on the Transcriptome of Human Embryonic Stem Cells After Thawing and Culturing. Stem Cell Reviews and Reports, 2011, 7, 506-517.	5.6	45
11	Signaling molecules, transcription growth factors and other regulators revealed from in-vivo and in-vitro models for the regulation of cardiac development. International Journal of Cardiology, 2015, 183, 117-128.	1.7	43
12	Human Pluripotent Stem Cell Based Developmental Toxicity Assays for Chemical Safety Screening and Systems Biology Data Generation. Journal of Visualized Experiments, 2015, , e52333.	0.3	39
13	Regulatory networks specifying cortical interneurons from human embryonic stem cells reveal roles for CHD2 in interneuron development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11180-E11189.	7.1	36
14	Neuronal-Specific Deficiency of the Splicing Factor Tra2b Causes Apoptosis in Neurogenic Areas of the Developing Mouse Brain. PLoS ONE, 2014, 9, e89020.	2.5	28
15	Balancing serendipity and reproducibility: Pluripotent stem cells as experimental systems for intellectual and developmental disorders. Stem Cell Reports, 2021, 16, 1446-1457.	4.8	20
16	Human Skin-Derived Precursor Cells Are Poorly Immunogenic and Modulate the Allogeneic Immune Response. Stem Cells, 2014, 32, 2215-2228.	3.2	16
17	A comparative transcriptomic study on the effects of valproic acid on two different hESCs lines in a neural teratogenicity test system. Toxicology Letters, 2014, 231, 38-44.	0.8	14
18	Cellular and molecular characterization of multiplex autism in human induced pluripotent stem cell-derived neurons. Molecular Autism, 2019, 10, 51.	4.9	14

#	ARTICLE	IF	CITATIONS
19	Altered neuronal physiology, development, and function associated with a common chromosome 15 duplication involving CHRNA7. BMC Biology, 2021, 19, 147.	3.8	9
20	Functional Characterization and Gene Expression Profiling of $\alpha$ -Smooth Muscle Actin Expressing Cardiomyocytes Derived from Murine Induced Pluripotent Stem Cells. Stem Cell Reviews and Reports, 2012, 8, 229-242.	5.6	8
21	Pluripotent Stem Cells in Toxicity Testing: An Omics Approach. , 2016, , .		0
22	A translational rheostat integrates euchromatin regulation and growth of pluripotent embryonic cells. Stem Cell Investigation, 2019, 6, 11-11.	3.0	0