

Kesavan Meganathan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,045
citations

516710

16
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752698

20
g-index

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docs citations

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times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Balancing serendipity and reproducibility: Pluripotent stem cells as experimental systems for intellectual and developmental disorders. <i>Stem Cell Reports</i> , 2021, 16, 1446-1457.	4.8	20
2	Altered neuronal physiology, development, and function associated with a common chromosome 15 duplication involving CHRNA7. <i>BMC Biology</i> , 2021, 19, 147.	3.8	9
3	A translational rheostat integrates euchromatin regulation and growth of pluripotent embryonic cells. <i>Stem Cell Investigation</i> , 2019, 6, 11-11.	3.0	0
4	Cellular and molecular characterization of multiplex autism in human induced pluripotent stem cell-derived neurons. <i>Molecular Autism</i> , 2019, 10, 51.	4.9	14
5	Definition of transcriptome-based indices for quantitative characterization of chemically disturbed stem cell development: introduction of the STOP-Toxukn and STOP-Toxukk tests. <i>Archives of Toxicology</i> , 2017, 91, 839-864.	4.2	53
6	Regulatory networks specifying cortical interneurons from human embryonic stem cells reveal roles for CHD2 in interneuron development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11180-E11189.	7.1	36
7	Pluripotent Stem Cells in Toxicity Testing: An Omics Approach. , 2016, , .		0
8	Gene network activity in cultivated primary hepatocytes is highly similar to diseased mammalian liver tissue. <i>Archives of Toxicology</i> , 2016, 90, 2513-2529.	4.2	100
9	Human Pluripotent Stem Cell Based Developmental Toxicity Assays for Chemical Safety Screening and Systems Biology Data Generation. <i>Journal of Visualized Experiments</i> , 2015, , e52333.	0.3	39
10	Regulation of Liver Metabolism by the Endosomal GTPase Rab5. <i>Cell Reports</i> , 2015, 11, 884-892.	6.4	47
11	Signaling molecules, transcription growth factors and other regulators revealed from in-vivo and in-vitro models for the regulation of cardiac development. <i>International Journal of Cardiology</i> , 2015, 183, 117-128.	1.7	43
12	Human Skin-Derived Precursor Cells Are Poorly Immunogenic and Modulate the Allogeneic Immune Response. <i>Stem Cells</i> , 2014, 32, 2215-2228.	3.2	16
13	A comparative transcriptomic study on the effects of valproic acid on two different hESCs lines in a neural teratogenicity test system. <i>Toxicology Letters</i> , 2014, 231, 38-44.	0.8	14
14	From transient transcriptome responses to disturbed neurodevelopment: role of histone acetylation and methylation as epigenetic switch between reversible and irreversible drug effects. <i>Archives of Toxicology</i> , 2014, 88, 1451-1468.	4.2	67
15	Neuronal-Specific Deficiency of the Splicing Factor Tra2b Causes Apoptosis in Neurogenic Areas of the Developing Mouse Brain. <i>PLoS ONE</i> , 2014, 9, e89020.	2.5	28
16	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. <i>Archives of Toxicology</i> , 2013, 87, 123-143.	4.2	222
17	Evaluation of Developmental Toxicants and Signaling Pathways in a Functional Test Based on the Migration of Human Neural Crest Cells. <i>Environmental Health Perspectives</i> , 2012, 120, 1116-1122.	6.0	93
18	Mesoderm-Derived Stem Cells: The Link Between the Transcriptome and Their Differentiation Potential. <i>Stem Cells and Development</i> , 2012, 21, 3309-3323.	2.1	47

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19	Functional Characterization and Gene Expression Profiling of α -Smooth Muscle Actin Expressing Cardiomyocytes Derived from Murine Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 229-242.	5.6	8
20	Identification of Thalidomide-Specific Transcriptomics and Proteomics Signatures during Differentiation of Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e44228.	2.5	83
21	Development of a Neural Teratogenicity Test Based on Human Embryonic Stem Cells: Response to Retinoic Acid Exposure. <i>Toxicological Sciences</i> , 2011, 124, 370-377.	3.1	58
22	Effects of Cryopreservation on the Transcriptome of Human Embryonic Stem Cells After Thawing and Culturing. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 506-517.	5.6	45