

# Michael Telias

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

605  
citations

687363

13  
h-index

713466

21  
g-index

28  
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28  
docs citations

28  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural differentiation of fragile X human embryonic stem cells reveals abnormal patterns of development despite successful neurogenesis. <i>Developmental Biology</i> , 2013, 374, 32-45.	2.0	103
2	Functional Deficiencies in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Journal of Neuroscience</i> , 2015, 35, 15295-15306.	3.6	63
3	Molecular Mechanisms of Synaptic Dysregulation in Fragile X Syndrome and Autism Spectrum Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 51.	2.9	58
4	How Azobenzene Photoswitches Restore Visual Responses to the Blind Retina. <i>Neuron</i> , 2016, 92, 100-113.	8.1	56
5	Retinoic Acid Induces Hyperactivity, and Blocking Its Receptor Unmasks Light Responses and Augments Vision in Retinal Degeneration. <i>Neuron</i> , 2019, 102, 574-586.e5.	8.1	48
6	Modeling Neurodevelopmental Disorders Using Human Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 494-511.	5.6	36
7	Molecular Mechanisms Regulating Impaired Neurogenesis of Fragile X Syndrome Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 2353-2365.	2.1	35
8	Immature Responses to GABA in Fragile X Neurons Derived from Human Embryonic Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 121.	3.7	34
9	Human embryonic stem cells carrying mutations for severe genetic disorders. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 327-336.	1.5	27
10	Local photoreceptor degeneration causes local pathophysiological remodeling of retinal neurons. <i>JCI Insight</i> , 2020, 5, .	5.0	24
11	Lysophospholipids modulate voltage-gated calcium channel currents in pituitary cells; effects of lipid stress. <i>Cell Calcium</i> , 2010, 47, 514-524.	2.4	20
12	Electrical maturation of neurons derived from human embryonic stem cells. <i>F1000Research</i> , 2014, 3, 196.	1.6	20
13	Electrical maturation of neurons derived from human embryonic stem cells. <i>F1000Research</i> , 2014, 3, 196.	1.6	15
14	Degeneration-Dependent Retinal Remodeling: Looking for the Molecular Trigger. <i>Frontiers in Neuroscience</i> , 2020, 14, 618019.	2.8	14
15	Retinoic acid inhibitors mitigate vision loss in a mouse model of retinal degeneration. <i>Science Advances</i> , 2022, 8, eabm4643.	10.3	13
16	Neural stem cell replacement: a possible therapy for neurodevelopmental disorders?. <i>Neural Regeneration Research</i> , 2015, 10, 180.	3.0	11
17	Human embryonic stem cells carrying an unbalanced translocation demonstrate impaired differentiation into trophoblasts: an in vitro model of human implantation failure. <i>Molecular Human Reproduction</i> , 2015, 21, 271-280.	2.8	8
18	Pharmacological Treatments for Fragile X Syndrome Based on Synaptic Dysfunction. <i>Current Pharmaceutical Design</i> , 2020, 25, 4394-4404.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Fragile X Syndrome Pre-Clinical Research: Comparing Mouse- and Human-Based Models. <i>Methods in Molecular Biology</i> , 2019, 1942, 155-162.	0.9	4
20	Pharmacological Manipulation of Wnt/ $\beta$ 2-Catenin Signaling Pathway in Human Neural Precursor Cells Alters Their Differentiation Potential and Neuronal Yield. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 680018.	2.9	4
21	Lysophospholipids Modulate Voltage-Gated Calcium Channel Currents in Pituitary Cells; Effects of Lipid-Stress. <i>Biophysical Journal</i> , 2010, 98, 15a.	0.5	3
22	Editorial: Pathological hyperactivity and hyperexcitability in the central nervous system. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	2.9	1
23	O11 Human embryonic stem cells harboring an unbalanced reciprocal translocation t(11;22) as a valuable model for studying single gene dosage effects. <i>Reproductive BioMedicine Online</i> , 2010, 20, S18.	2.4	0
24	Implantation failure of translocated embryos can be explained by impaired trophoblastic differentiation. <i>Fertility and Sterility</i> , 2014, 102, e235.	1.0	0
25	Patch-Clamp Recordings from Human Embryonic Stem Cells-Derived Fragile X Neurons. <i>Methods in Molecular Biology</i> , 2019, 1942, 131-139.	0.9	0
26	Human pluripotent stem cells in the research of Fragile X Syndrome. , 2021, , 129-145.		0