

Evangelos Kiskinis

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

7,212
citations

218592

26
h-index

233338

45
g-index

52
all docs

52
docs citations

52
times ranked

11137
citing authors

#	ARTICLE	IF	CITATIONS
1	Somatic coding mutations in human induced pluripotent stem cells. <i>Nature</i> , 2011, 471, 63-67.	13.7	1,147
2	Reference Maps of Human ES and iPS Cell Variation Enable High-Throughput Characterization of Pluripotent Cell Lines. <i>Cell</i> , 2011, 144, 439-452.	13.5	899
3	Dopamine oxidation mediates mitochondrial and lysosomal dysfunction in Parkinson's disease. <i>Science</i> , 2017, 357, 1255-1261.	6.0	600
4	Intrinsic Membrane Hyperexcitability of Amyotrophic Lateral Sclerosis Patient-Derived Motor Neurons. <i>Cell Reports</i> , 2014, 7, 1-11.	2.9	583
5	Axonal Transport of TDP-43 mRNA Granules Is Impaired by ALS-Causing Mutations. <i>Neuron</i> , 2014, 81, 536-543.	3.8	521
6	A functionally characterized test set of human induced pluripotent stem cells. <i>Nature Biotechnology</i> , 2011, 29, 279-286.	9.4	446
7	Pathways Disrupted in Human ALS Motor Neurons Identified through Genetic Correction of Mutant SOD1. <i>Cell Stem Cell</i> , 2014, 14, 781-795.	5.2	392
8	Erosion of Dosage Compensation Impacts Human iPSC Disease Modeling. <i>Cell Stem Cell</i> , 2012, 10, 595-609.	5.2	314
9	Progress toward the clinical application of patient-specific pluripotent stem cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 51-59.	3.9	310
10	Progress in Understanding and Treating SCN2A-Mediated Disorders. <i>Trends in Neurosciences</i> , 2018, 41, 442-456.	4.2	210
11	Suppression of oxidative metabolism and mitochondrial biogenesis by the transcriptional corepressor RIP140 in mouse adipocytes. <i>Journal of Clinical Investigation</i> , 2005, 116, 125-136.	3.9	198
12	RIP140-Targeted Repression of Gene Expression in Adipocytes. <i>Molecular and Cellular Biology</i> , 2005, 25, 9383-9391.	1.1	163
13	Bioactive scaffolds with enhanced supramolecular motion promote recovery from spinal cord injury. <i>Science</i> , 2021, 374, 848-856.	6.0	144
14	A Functional Interaction between RIP140 and PGC-1 β Regulates the Expression of the Lipid Droplet Protein CIDEA. <i>Molecular and Cellular Biology</i> , 2008, 28, 6785-6795.	1.1	141
15	The SWI/SNF Chromatin Remodeling Subunit BAF57 Is a Critical Regulator of Estrogen Receptor Function in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 22656-22664.	1.6	92
16	RIP140 directs histone and DNA methylation to silence Ucp1 expression in white adipocytes. <i>EMBO Journal</i> , 2007, 26, 4831-4840.	3.5	90
17	TETs compete with DNMT3 activity in pluripotent cells at thousands of methylated somatic enhancers. <i>Nature Genetics</i> , 2020, 52, 819-827.	9.4	83
18	Supramolecular Nanostructure Activates TrkB Receptor Signaling of Neuronal Cells by Mimicking Brain-Derived Neurotrophic Factor. <i>Nano Letters</i> , 2018, 18, 6237-6247.	4.5	79

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19	Effect of Ezogabine on Cortical and Spinal Motor Neuron Excitability in Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , 2021, 78, 186.	4.5	79
20	Nucleocytoplasmic Proteomic Analysis Uncovers eRF1 and Nonsense-Mediated Decay as Modifiers of ALS/FTD C9orf72 Toxicity. <i>Neuron</i> , 2020, 106, 90-107.e13.	3.8	58
21	Global delay in nascent strand DNA methylation. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 327-332.	3.6	56
22	High throughput Comet assay using 96-well plates. <i>Mutagenesis</i> , 2002, 17, 37-43.	1.0	55
23	Dissecting the Functional Consequences of De Novo DNA Methylation Dynamics in Human Motor Neuron Differentiation and Physiology. <i>Cell Stem Cell</i> , 2018, 22, 559-574.e9.	5.2	53
24	All-Optical Electrophysiology for High-Throughput Functional Characterization of a Human iPSC-Derived Motor Neuron Model of ALS. <i>Stem Cell Reports</i> , 2018, 10, 1991-2004.	2.3	48
25	Probing disorders of the nervous system using reprogramming approaches. <i>EMBO Journal</i> , 2015, 34, 1456-1477.	3.5	45
26	RIP140 Represses the "Brown-in-White" Adipocyte Program Including a Futile Cycle of Triacylglycerol Breakdown and Synthesis. <i>Molecular Endocrinology</i> , 2014, 28, 344-356.	3.7	44
27	Homozygous might be hemizygous: CRISPR/Cas9 editing in iPSCs results in detrimental on-target defects that escape standard quality controls. <i>Stem Cell Reports</i> , 2022, 17, 993-1008.	2.3	32
28	Identification of BAF57 mutations in human breast cancer cell lines. <i>Breast Cancer Research and Treatment</i> , 2006, 98, 191-198.	1.1	28
29	Genetic validation of a therapeutic target in a mouse model of ALS. <i>Science Translational Medicine</i> , 2014, 6, 248ra104.	5.8	27
30	A <i>C. elegans</i> model of C9orf72-associated ALS/FTD uncovers a conserved role for eIF2D in RAN translation. <i>Nature Communications</i> , 2021, 12, 6025.	5.8	27
31	Comprehensive Protocols for CRISPR/Cas9-based Gene Editing in Human Pluripotent Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2016, 38, 5B.6.1-5B.6.60.	3.0	26
32	NUP62 localizes to ALS/FTLD pathological assemblies and contributes to TDP-43 insolubility. <i>Nature Communications</i> , 2022, 13, .	5.8	26
33	Dyshomeostatic modulation of Ca ²⁺ -activated K ⁺ channels in a human neuronal model of KCNQ2 encephalopathy. <i>ELife</i> , 2021, 10, .	2.8	23
34	Impact of traumatic brain injury on amyotrophic lateral sclerosis: from bedside to bench. <i>Journal of Neurophysiology</i> , 2019, 122, 1174-1185.	0.9	22
35	Genomic variants in the FTO gene are associated with sporadic amyotrophic lateral sclerosis in Greek patients. <i>Human Genomics</i> , 2017, 11, 30.	1.4	21
36	Direct evidence of impaired neuronal Na/K-ATPase pump function in alternating hemiplegia of childhood. <i>Neurobiology of Disease</i> , 2018, 115, 29-38.	2.1	21

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37	Modeling Pediatric Epilepsy through iPSC-Based Technologies. <i>Epilepsy Currents</i> , 2018, 18, 240-245.	0.4	18
38	Quantitative proteomics identifies proteins that resist translational repression and become dysregulated in ALS-FUS. <i>Human Molecular Genetics</i> , 2019, 28, 2143-2160.	1.4	17
39	RNA dependent suppression of C9orf72 ALS/FTD associated neurodegeneration by Matrin-3. <i>Acta Neuropathologica Communications</i> , 2020, 8, 177.	2.4	17
40	Botulinum Toxin Conditioning Enhances Motor Axon Regeneration in Mouse and Human Preclinical Models. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 735-745.	1.4	12
41	Comparative genomic analysis of embryonic, lineage-converted, and stem cell-derived motor neurons. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	10
42	Peptide-siRNA Supramolecular Particles for Neural Cell Transfection. <i>Advanced Science</i> , 2019, 6, 1801458.	5.6	10
43	“Channeling”™ therapeutic discovery for epileptic encephalopathy through iPSC technologies. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 392-405.	4.0	10
44	Biofidelic dynamic compression of human cortical spheroids reproduces neurotrauma phenotypes. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	7
45	Generation of Spinal Motor Neurons from Human Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1538, 53-66.	0.4	6
46	Focus on induced pluripotency and cellular reprogramming. <i>EMBO Journal</i> , 2015, 34, 1435-1435.	3.5	0