

Dhruv Sareen

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,034
citations

257450

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345221

36
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43
all docs

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docs citations

43
times ranked

5814
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting RNA Foci in iPSC-Derived Motor Neurons from ALS Patients with a <i>C9ORF72</i> Repeat Expansion. <i>Science Translational Medicine</i> , 2013, 5, 208ra149.	12.4	586
2	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. <i>Cell Systems</i> , 2018, 6, 13-24.	6.2	327
3	Modeling ALS with motor neurons derived from human induced pluripotent stem cells. <i>Nature Neuroscience</i> , 2016, 19, 542-553.	14.8	252
4	Inhibition of Apoptosis Blocks Human Motor Neuron Cell Death in a Stem Cell Model of Spinal Muscular Atrophy. <i>PLoS ONE</i> , 2012, 7, e39113.	2.5	129
5	Human iPSC-Derived Endothelial Cells and Microengineered Organ-Chip Enhance Neuronal Development. <i>Stem Cell Reports</i> , 2018, 10, 1222-1236.	4.8	125
6	miR-409-3p/-5p Promotes Tumorigenesis, Epithelial-to-Mesenchymal Transition, and Bone Metastasis of Human Prostate Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 4636-4646.	7.0	120
7	Human induced pluripotent stem cells are a novel source of neural progenitor cells (iNPCs) that migrate and integrate in the rodent spinal cord. <i>Journal of Comparative Neurology</i> , 2014, 522, 2707-2728.	1.6	110
8	Human Induced Pluripotent Stem Cells Differentiate Into Functional Mesenchymal Stem Cells and Repair Bone Defects. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1447-1460.	3.3	106
9	EZ spheres: A stable and expandable culture system for the generation of pre-rosette multipotent stem cells from human ESCs and iPSCs. <i>Stem Cell Research</i> , 2013, 10, 417-427.	0.7	102
10	HD iPSC-derived neural progenitors accumulate in culture and are susceptible to BDNF withdrawal due to glutamate toxicity. <i>Human Molecular Genetics</i> , 2015, 24, 3257-3271.	2.9	102
11	ALS disrupts spinal motor neuron maturation and aging pathways within gene co-expression networks. <i>Nature Neuroscience</i> , 2016, 19, 1256-1267.	14.8	92
12	G4C2 Repeat RNA Initiates a POM121-Mediated Reduction in Specific Nucleoporins in C9orf72 ALS/FTD. <i>Neuron</i> , 2020, 107, 1124-1140.e11.	8.1	88
13	Reliable Generation of Induced Pluripotent Stem Cells From Human Lymphoblastoid Cell Lines. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1429-1434.	3.3	75
14	Gene activation of SMN by selective disruption of lncRNA-mediated recruitment of PRC2 for the treatment of spinal muscular atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1509-E1518.	7.1	75
15	Differentiation of Human Limbal-Derived Induced Pluripotent Stem Cells Into Limbal-Like Epithelium. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1002-1012.	3.3	74
16	Answer ALS, a large-scale resource for sporadic and familial ALS combining clinical and multi-omics data from induced pluripotent cell lines. <i>Nature Neuroscience</i> , 2022, 25, 226-237.	14.8	66
17	Spinal Muscular Atrophy Patient iPSC-Derived Motor Neurons Have Reduced Expression of Proteins Important in Neuronal Development. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 506.	3.7	57
18	Differentiation of Human Induced Pluripotent Stem Cells to Mammary-like Organoids. <i>Stem Cell Reports</i> , 2017, 8, 205-215.	4.8	57

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19	Directed Differentiation of Human Induced Pluripotent Stem Cells into Fallopian Tube Epithelium. Scientific Reports, 2017, 7, 10741.	3.3	53
20	A Comparison of mRNA Sequencing with Random Primed and 3'â€²-Directed Libraries. Scientific Reports, 2017, 7, 14626.	3.3	52
21	Cell freezing protocol suitable for ATAC-Seq on motor neurons derived from human induced pluripotent stem cells. Scientific Reports, 2016, 6, 25474.	3.3	49
22	Human iPSC-Derived Neural Progenitors Preserve Vision in an AMD-Like Model. Stem Cells, 2015, 33, 2537-2549.	3.2	44
23	Super-Obese Patient-Derived iPSC Hypothalamic Neurons Exhibit Obesogenic Signatures and Hormone Responses. Cell Stem Cell, 2018, 22, 698-712.e9.	11.1	42
24	Deleterious Effects of SARS-CoV-2 Infection on Human Pancreatic Cells. Frontiers in Cellular and Infection Microbiology, 2021, 11, 678482.	3.9	40
25	Immunosuppressive Functions of M2 Macrophages Derived from iPSCs of Patients with ALS and Healthy Controls. IScience, 2020, 23, 101192.	4.1	27
26	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. IScience, 2021, 24, 103221.	4.1	27
27	Variant U1 snRNAs are implicated in human pluripotent stem cell maintenance and neuromuscular disease. Nucleic Acids Research, 2016, 44, 10960-10973.	14.5	26
28	Transcriptome and proteome characterization of surface ectoderm cells differentiated from human iPSCs. Scientific Reports, 2016, 6, 32007.	3.3	25
29	Neonatal immune-tolerance in mice does not prevent xenograft rejection. Experimental Neurology, 2014, 254, 90-98.	4.1	24
30	Low-Dose Irradiation Enhances Gene Targeting in Human Pluripotent Stem Cells. Stem Cells Translational Medicine, 2015, 4, 998-1010.	3.3	19
31	Generation of twenty four induced pluripotent stem cell lines from twenty four members of the Lothian Birth Cohort 1936. Stem Cell Research, 2020, 46, 101851.	0.7	16
32	Cortical neurons derived from human pluripotent stem cells lacking FMRP display altered spontaneous firing patterns. Molecular Autism, 2020, 11, 52.	4.9	14
33	Hypothalamus and neuroendocrine diseases: The use of human-induced pluripotent stem cells for disease modeling. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 181, 337-350.	1.8	1
34	Identification of Diseaseâ€relevant, Sexâ€based Proteomic Differences in iPSCâ€derived Vascular Smooth Muscle. FASEB Journal, 2022, 36, .	0.5	1
35	1 Human-Induced Pluripotent Stem Cells: Derivation. , 2017, , 1-22.		0