

Nisha R Iyer

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

652
citations

840776

11
h-index

996975

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21
all docs

21
docs citations

21
times ranked

1021
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3D culture model of innervated human skeletal muscle enables studies of the adult neuromuscular junction. <i>ELife</i> , 2019, 8, .	6.0	169
2	Engineering induction of singular neural rosette emergence within hPSC-derived tissues. <i>ELife</i> , 2018, 7, .	6.0	81
3	Combination therapy of stem cell derived neural progenitors and drug delivery of anti-inhibitory molecules for spinal cord injury. <i>Acta Biomaterialia</i> , 2015, 28, 23-32.	8.3	64
4	Finely Tuned Temporal and Spatial Delivery of GDNF Promotes Enhanced Nerve Regeneration in a Long Nerve Defect Model. <i>Tissue Engineering - Part A</i> , 2015, 21, 2852-2864.	3.1	59
5	Transplantation of Neural Progenitors and V2a Interneurons after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2883-2903.	3.4	58
6	Comparison of Acellular Nerve Allograft Modification with Schwann Cells or VEGF. <i>Hand</i> , 2015, 10, 396-402.	1.2	45
7	Stem cells for spinal cord injury: Strategies to inform differentiation and transplantation. <i>Biotechnology and Bioengineering</i> , 2017, 114, 245-259.	3.3	43
8	Generation of highly enriched V2a interneurons from mouse embryonic stem cells. <i>Experimental Neurology</i> , 2016, 277, 305-316.	4.1	26
9	V2a interneuron differentiation from mouse and human pluripotent stem cells. <i>Nature Protocols</i> , 2019, 14, 3033-3058.	12.0	25
10	Bioengineering tissue morphogenesis and function in human neural organoids. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 52-59.	5.0	22
11	A puromycin selectable cell line for the enrichment of mouse embryonic stem cell-derived V3 interneurons. <i>Stem Cell Research and Therapy</i> , 2015, 6, 220.	5.5	16
12	Inferring Regulatory Programs Governing Region Specificity of Neuroepithelial Stem Cells during Early Hindbrain and Spinal Cord Development. <i>Cell Systems</i> , 2019, 9, 167-186.e12.	6.2	13
13	Different Mixed Astrocyte Populations Derived from Embryonic Stem Cells Have Variable Neuronal Growth Support Capacities. <i>Stem Cells and Development</i> , 2017, 26, 1597-1611.	2.1	11
14	Passive Clearing and 3D Lightsheet Imaging of the Intact and Injured Spinal Cord in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 684792.	3.7	7
15	Single-injection ex ovo transplantation method for broad spinal cord engraftment of human pluripotent stem cell-derived motor neurons. <i>Journal of Neuroscience Methods</i> , 2018, 298, 16-23.	2.5	2