Gonzalo PiÃ±ero

List of Publications by Year
in descending order

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31	782	471509	526287
papers	citations	17	27
		h-index	g-index

32	32	32	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Merlin-Deficient Schwann Cells Are More Susceptible to Radiation Injury than Normal Schwann Cells In Vitro. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, 228-236.	0.8	3
2	Vitamin C regulates Schwann cell myelination by promoting DNA demethylation of proâ€myelinating genes. Journal of Neurochemistry, 2021, 157, 1759-1773.	3.9	20
3	Human Schwann Cell Transplantation for Spinal Cord Injury: Prospects and Challenges in Translational Medicine. Frontiers in Cellular Neuroscience, 2021, 15, 690894.	3.7	23
4	Sciatic nerve regeneration after traumatic injury using magnetic targeted adipose-derived mesenchymal stem cells. Acta Biomaterialia, 2021, 130, 234-247.	8.3	24
5	Heregulin Activity Assays for Residual Testing of Cell Therapy Products. Biological Procedures Online, 2021, 23, 22.	2.9	1
6	Schwann Cell Cultures: Biology, Technology and Therapeutics. Cells, 2020, 9, 1848.	4.1	32
7	Magnetic separation of peripheral nerve-resident cells underscores key molecular features of human Schwann cells and fibroblasts: an immunochemical and transcriptomics approach. Scientific Reports, 2020, 10, 18433.	3.3	22
8	The properties of human Schwann cells: Lessons from in vitro culture and transplantation studies. Glia, 2020, 68, 797-810.	4.9	24
9	Oscillatory cAMP signaling rapidly alters H3K4 methylation. Life Science Alliance, 2020, 3, e201900529.	2.8	7
10	Busting the myth: more good than harm in transgenic cells. Neural Regeneration Research, 2019, 14, 967.	3.0	0
11	EGFP transgene: a useful tool to track transplanted bone marrow mononuclear cell contribution to peripheral remyelination. Transgenic Research, 2018, 27, 135-153.	2.4	9
12	Phenotypic and Functional Characteristics of Human Schwann Cells as Revealed by Cell-Based Assays and RNA-SEQ. Molecular Neurobiology, 2018, 55, 6637-6660.	4.0	30
13	Isolation, Culture, and Cryopreservation of Adult Rodent Schwann Cells Derived from Immediately Dissociated Teased Fibers. Methods in Molecular Biology, 2018, 1739, 49-66.	0.9	6
14	Magnetic-Activated Cell Sorting for the Fast and Efficient Separation of Human and Rodent Schwann Cells from Mixed Cell Populations. Methods in Molecular Biology, 2018, 1739, 87-109.	0.9	14
15	Scalable Differentiation and Dedifferentiation Assays Using Neuron-Free Schwann Cell Cultures. Methods in Molecular Biology, 2018, 1739, 213-232.	0.9	5
16	Fluorescent Detection of Merlin-deficient Schwann Cells and Primary Human Vestibular Schwannoma Cells Using Sodium Fluorescein. Otology and Neurotology, 2018, 39, 1053-1059.	1.3	4
17	MPZL2 is a novel gene associated with autosomal recessive nonsyndromic moderate hearing loss. Human Genetics, 2018, 137, 479-486.	3.8	19
18	Axon contact-driven Schwann cell dedifferentiation. Glia, 2017, 65, 864-882.	4.9	21

#	Article	IF	Citations
19	Lithium Reversibly Inhibits Schwann Cell Proliferation and Differentiation Without Inducing Myelin Loss. Molecular Neurobiology, 2017, 54, 8287-8307.	4.0	7
20	Systemic Transplantation of Bone Marrow Mononuclear Cells Promotes Axonal Regeneration and Analgesia in a Model of Wallerian Degeneration. Transplantation, 2017, 101, 1573-1586.	1.0	8
21	From transplanting Schwann cells in experimental rat spinal cord injury to their transplantation into human injured spinal cord in clinical trials. Progress in Brain Research, 2017, 231, 107-133.	1.4	40
22	cAMP signaling regulates DNA hydroxymethylation by augmenting the intracellular labile ferrous iron pool. ELife, 2017, 6, .	6.0	31
23	A rapid and versatile method for the isolation, purification and cryogenic storage of Schwann cells from adult rodent nerves. Scientific Reports, 2016, 6, 31781.	3.3	46
24	Requirement of cAMP Signaling for Schwann Cell Differentiation Restricts the Onset of Myelination. PLoS ONE, 2015, 10, e0116948.	2.5	52
25	DMT1 iron uptake in the PNS: bridging the gap between injury and regeneration. Metallomics, 2015, 7, 1381-1389.	2.4	5
26	To myelinate or not to myelinate: fine tuning cAMP signaling in Schwann cells to balance cell proliferation and differentiation. Neural Regeneration Research, 2015, 10, 1936.	3.0	8
27	Opposing Roles of pka and epac in the cAMP-Dependent Regulation of Schwann Cell Proliferation and Differentiation. PLoS ONE, 2013, 8, e82354.	2.5	43
28	Schwann Cell Dedifferentiation Is Independent of Mitogenic Signaling and Uncoupled to Proliferation. Journal of Biological Chemistry, 2010, 285, 31024-31036.	3.4	80
29	Nonâ€antagonistic relationship between mitogenic factors and cAMP in adult Schwann cell reâ€differentiation. Glia, 2009, 57, 947-961.	4.9	61
30	Protein Kinase A-mediated Gating of Neuregulin-dependent ErbB2-ErbB3 Activation Underlies the Synergistic Action of cAMP on Schwann Cell Proliferation. Journal of Biological Chemistry, 2008, 283, 34087-34100.	3.4	48
31	Cyclic AMP synergistically enhances neuregulin-dependent ERK and Akt activation and cell cycle progression in Schwann cells. Glia, 2006, 53, 649-659.	4.9	89