

Siobhán S McMahon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5672321/publications.pdf>

Version: 2024-02-01

24
papers

453
citations

686830

13
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

746
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of radial glia in cytogenesis, patterning and boundary formation in the developing spinal cord. <i>Journal of Anatomy</i> , 2005, 207, 241-250.	0.9	61
2	GDNF Schwann cells in hydrogel scaffolds promote regional axon regeneration, remyelination and functional improvement after spinal cord transection in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e398-e407.	1.3	50
3	Gene-Modified Mesenchymal Stem Cells Express Functionally Active Nerve Growth Factor on an Engineered Poly Lactic Glycolic Acid (PLGA) Substrate. <i>Tissue Engineering - Part A</i> , 2008, 14, 681-690.	1.6	48
4	Neurotrophic Factor-Expressing Mesenchymal Stem Cells Survive Transplantation into the Contused Spinal Cord Without Differentiating into Neural Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 3049-3059.	1.6	43
5	Therapeutic Effect of Neurotrophin-3 Treatment in an Injectable Collagen Scaffold Following Rat Spinal Cord Hemisection Injury. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1287-1295.	2.6	28
6	Spinal cord injury in vitro: modelling axon growth inhibition. <i>Drug Discovery Today</i> , 2010, 15, 436-443.	3.2	26
7	Lentiviral vector-mediated knockdown of the neuroglycan 2 proteoglycan or expression of neurotrophin-3 promotes neurite outgrowth in a cell culture model of the glial scar. <i>Journal of Gene Medicine</i> , 2010, 12, 863-872.	1.4	22
8	Lentiviral vector delivery of short hairpin RNA to NG2 and neurotrophin-3 promotes locomotor recovery in injured rat spinal cord. <i>Cytherapy</i> , 2012, 14, 1235-1244.	0.3	22
9	Thermosensitive hydrogel for prolonged delivery of lentiviral vector expressing neurotrophin-3 in vitro. <i>Journal of Gene Medicine</i> , 2011, 13, 591-601.	1.4	20
10	Morphology and differentiation of radial glia in the developing rat spinal cord. <i>Journal of Comparative Neurology</i> , 2002, 454, 263-271.	0.9	19
11	Effect of cyclosporin A on functional recovery in the spinal cord following contusion injury. <i>Journal of Anatomy</i> , 2009, 215, 267-279.	0.9	19
12	Engraftment, migration and differentiation of neural stem cells in the rat spinal cord following contusion injury. <i>Cytherapy</i> , 2010, 12, 313-325.	0.3	16
13	Neuronal glycosylation differentials in normal, injured and chondroitinase-treated environments. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 616-622.	1.0	16
14	Differential Glycosylation Expression in Injured Rat Spinal Cord Treated with Immunosuppressive Drug Cyclosporin-A. <i>ACS Omega</i> , 2019, 4, 3083-3097.	1.6	14
15	Developmental potential of radial glia investigated by transplantation into the developing rat ventricular system in utero. <i>Experimental Neurology</i> , 2007, 203, 128-136.	2.0	9
16	A comparison of cell transplantation and retroviral gene transfection as tools to study lineage and differentiation in the rat spinal cord. <i>Journal of Neuroscience Methods</i> , 2006, 152, 243-249.	1.3	7
17	Non-viral xylosyltransferase-1 siRNA delivery as an effective alternative to chondroitinase in an in vitro model of reactive astrocytes. <i>Neuroscience</i> , 2016, 339, 267-275.	1.1	7
18	Cell viability in three <i>ex vivo</i> rat models of spinal cord injury. <i>Journal of Anatomy</i> , 2019, 234, 244-251.	0.9	6

#	ARTICLE	IF	CITATIONS
19	A robust platform for high-throughput screening of therapeutic strategies for acute and chronic spinal cord injury. <i>IScience</i> , 2021, 24, 102182.	1.9	6
20	Analysis of reactive astrocytes and NG2 proteoglycan in ex vivo rat models of spinal cord injury. <i>Journal of Neuroscience Methods</i> , 2019, 311, 418-425.	1.3	4
21	Distinct Glycosylation Responses to Spinal Cord Injury in Regenerative and Nonregenerative Models. <i>Journal of Proteome Research</i> , 2022, , .	1.8	4
22	Ex Vivo Rat Transected Spinal Cord Slices as a Model to Assess Lentiviral Vector Delivery of Neurotrophin-3 and Short Hairpin RNA against NG2. <i>Biology</i> , 2020, 9, 54.	1.3	3
23	Lentiviral Vectors Delivered with Biomaterials as Therapeutics for Spinal Cord Injury. <i>Cells</i> , 2021, 10, 2102.	1.8	3
24	Lectin Histochemistry for Tissues and Cells, and Dual Lectin and Antibody Co-localization. <i>Methods in Molecular Biology</i> , 2022, 2370, 281-299.	0.4	0