Damien D Pearse

List of PR Articles by Year in descending order

68 PR articles	4,334 PR citations	69184 37 PR h-index	86065 64 g-index
71 documents	4895 doc citations	79788 38 h-index	5223 citing authors

#	Article	IF	PR Citations
1	Phase 1 Safety Trial of Autologous Human Schwann Cell Transplantation in Chronic Spinal Cord Injury. Journal of Neurotrauma, 2022, 39, 285-299.	3.7	81
2	Comparative Profiling of TG2 and Its Effectors in Human Relapsing Remitting and Progressive Multiple Sclerosis. Biomedicines, 2022, 10, 1241.	3.5	8
3	Neuronal and Endothelial Transglutaminase-2 Expression during Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. Neuroscience, 2021, 461, 140-154.	2.4	8
4	Engineering polysialic acid on Schwann cells using polysialyltransferase gene transfer or purified enzyme exposure for spinal cord injury transplantation. Neuroscience Letters, 2021, 748, 135690.	1.9	4
5	Analysis of Epineurial Lidocaine Injection for Nerve Transfers in a Rat Sciatic Nerve Model. Journal of Hand Surgery, 2019, 44, 1027-1036.	1.5	6
6	Comparison of Amniotic Membrane and Collagen Nerve Wraps around Sciatic Nerve Reverse Autografts in a Rat Sciatic Nerve Model. Journal of the American College of Surgeons, 2019, 229, e176-e177.	0.7	0
7	Schwann Cell Transplantation Subdues the Pro-Inflammatory Innate Immune Cell Response after Spinal Cord Injury. International Journal of Molecular Sciences, 2018, 19, 2550.	4.5	48
8	Safety of Autologous Human Schwann Cell Transplantation in Subacute Thoracic Spinal Cord Injury. Journal of Neurotrauma, 2017, 34, 2950-2963.	3.7	235
9	Human Schwann cells exhibit longâ€term cell survival, are not tumorigenic and promote repair when transplanted into the contused spinal cord. Glia, 2017, 65, 1278-1301.	5.1	49
10	Identifying the Long-Term Role of Inducible Nitric Oxide Synthase after Contusive Spinal Cord Injury Using a Transgenic Mouse Model. International Journal of Molecular Sciences, 2017, 18, 245.	4.5	16
11	Phosphodiesterase Inhibitors as a Therapeutic Approach to Neuroprotection and Repair. International Journal of Molecular Sciences, 2017, 18, 696.	4.5	71
12	Regulating Axonal Responses to Injury: The Intersection between Signaling Pathways Involved in Axon Myelination and The Inhibition of Axon Regeneration. Frontiers in Molecular Neuroscience, 2016, 9, .	3.5	46
13	Critical dataâ€based reâ€evaluation of minocycline as a putative specific microglia inhibitor. Glia, 2016, 64, 1788-1794.	5.1	167
14	PDE4B as a microglia target to reduce neuroinflammation. Glia, 2016, 64, 1698-1709.	5.1	89
15	Cyclic AMP is a key regulator of M1 to M2a phenotypic conversion of microglia in the presence of Th2 cytokines. Journal of Neuroinflammation, 2016, 13, .	9.2	169
16	Permissive Schwann Cell Graft/Spinal Cord Interfaces for Axon Regeneration. Cell Transplantation, 2015, 24, 115-131.	2.7	82
17	182â€ƒAcute Putrescine Supplementation With Schwann Cell Transplantation Improves Sensory and Serotonergic Axon Growth and Functional Recovery in Spinal Cord Injury. Neurosurgery, 2015, 62, 226-227.	1.9	2
18	Therapeutic Hypothermia in Spinal Cord Injury: The Status of Its Use and Open Questions. International Journal of Molecular Sciences, 2015, 16, 16848-16879.	4.5	58

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19	MASH1/Ascl1a Leads to GAP43 Expression and Axon Regeneration in the Adult CNS. PLoS ONE, 2015, 10, e0118918.	2.4	38
20	Acute Putrescine Supplementation with Schwann Cell Implantation Improves Sensory and Serotonergic Axon Growth and Functional Recovery in Spinal Cord Injured Rats. Neural Plasticity, 2015, 2015, 1-11.	3.3	9
21	The Interplay between Cyclic AMP, MAPK, and NF-ÎB Pathways in Response to Proinflammatory Signals in Microglia. BioMed Research International, 2015, 2015, 1-18.	2.5	53
22	The Comparative Utility of Viromer RED and Lipofectamine for Transient Gene Introduction into Glial Cells. BioMed Research International, 2015, 2015, 1-10.	2.5	24
23	The role of the serotonergic system in locomotor recovery after spinal cord injury. Frontiers in Neural Circuits, 2015, 8, .	2.5	111
24	Female Rats Demonstrate Improved Locomotor Recovery and Greater Preservation of White and Gray Matter after Traumatic Spinal Cord Injury Compared to Males. Journal of Neurotrauma, 2015, 32, 1146-1157.	3.7	72
25	Schwann cell transplantation for spinal cord injury repair: its significant therapeutic potential and prospectus. Reviews in the Neurosciences, 2015, 26, 121-128.	3.9	115
26	Peptide-functionalized polymeric nanoparticles for active targeting of damaged tissue in animals with experimental autoimmune encephalomyelitis. Neuroscience Letters, 2015, 602, 126-132.	1.9	25
27	Does being female provide a neuroprotective advantage following spinal cord injury?. Neural Regeneration Research, 2015, 10, 1533.	5.2	25
28	Central but not systemic administration of XPro1595 is therapeutic following moderate spinal cord injury in mice. Journal of Neuroinflammation, 2014, 11, .	9.2	69
29	Cyclic AMP Signaling: A Molecular Determinant of Peripheral Nerve Regeneration. BioMed Research International, 2014, 2014, 1-8.	2.5	40
30	Loss of Central Inhibition: Implications for Behavioral Hypersensitivity after Contusive Spinal Cord Injury in Rats. Pain Research and Treatment, 2014, 2014, 1-11.	2.0	11
31	Combination of Engineered Schwann Cell Grafts to Secrete Neurotrophin and Chondroitinase Promotes Axonal Regeneration and Locomotion after Spinal Cord Injury. Journal of Neuroscience, 2014, 34, 1838-1855.	3.7	155
32	Effect of Gender on Recovery After Spinal Cord Injury. Translational Stroke Research, 2013, 4, 447-461.	3.3	54
33	Combining Neurotrophin-Transduced Schwann Cells and Rolipram to Promote Functional Recovery from Subacute Spinal Cord Injury. Cell Transplantation, 2013, 22, 2203-2217.	2.7	41
34	Inhibition of NADPH Oxidase Activation in Oligodendrocytes Reduces Cytotoxicity Following Trauma. PLoS ONE, 2013, 8, e80975.	2.4	27
35	Enzymatic Engineering of Polysialic Acid on Cells in Vitro and in Vivo Using a Purified Bacterial Polysialyltransferase. Journal of Biological Chemistry, 2012, 287, 32770-32779.	2.2	17
36	Acute Molecular Perturbation of Inducible Nitric Oxide Synthase with an Antisense Approach Enhances Neuronal Preservation and Functional Recovery after Contusive Spinal Cord Injury. Journal of Neurotrauma, 2012, 29, 2244-2249.	3.7	20

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37	Proinflammatory cytokine regulation of cyclic AMPâ€phosphodiesterase 4 signaling in microglia in vitro and following CNS injury. Glia, 2012, 60, 1839-1859.	5.1	91
38	The assessment of adenoâ€associated vectors as potential intrinsic treatments for brainstem axon regeneration. Journal of Gene Medicine, 2012, 14, 20-34.	2.5	10
39	A Selective Phosphodiesterase-4 Inhibitor Reduces Leukocyte Infiltration, Oxidative Processes, and Tissue Damage after Spinal Cord Injury. Journal of Neurotrauma, 2011, 28, 1035-1049.	3.7	51
40	Alterations of action potentials and the localization of Nav1.6 sodium channels in spared axons after hemisection injury of the spinal cord in adult rats. Journal of Neurophysiology, 2011, 105, 1033-1044.	2.1	31
41	Cyclic AMP-specific PDEs: A promising therapeutic target for CNS repair. Translational Neuroscience, 2010, 1, .	1.8	6
42	Intramuscular AAV delivery of NTâ€3 alters synaptic transmission to motoneurons in adult rats. European Journal of Neuroscience, 2010, 32, 997-1005.	3.6	48
43	Suspension Matrices for Improved Schwann-Cell Survival after Implantation into the Injured Rat Spinal Cord. Journal of Neurotrauma, 2010, 27, 789-801.	3.7	68
44	Dose and Chemical Modification Considerations for Continuous Cyclic AMP Analog Delivery to the Injured CNS. Journal of Neurotrauma, 2009, 26, 733-740.	3.7	19
45	Muscle Injection of AAV-NT3 Promotes Anatomical Reorganization of CST Axons and Improves Behavioral Outcome following SCI. Journal of Neurotrauma, 2009, 26, 941-953.	3.7	66
46	Advantages of delaying the onset of rehabilitative reaching training in rats with incomplete spinal cord injury. European Journal of Neuroscience, 2009, 29, 641-651.	3.6	56
47	Transgenic inhibition of astroglial NFâ€ºB leads to increased axonal sparing and sprouting following spinal cord injury. Journal of Neurochemistry, 2009, 110, 765-778.	3.9	117
48	Chronic spinal hemisection in rats induces a progressive decline in transmission in uninjured fibers to motoneurons. Experimental Neurology, 2009, 216, 471-480.	4.1	101
49	The combination of human neuronal serotonergic cell implants and environmental enrichment after contusive SCI improves motor recovery over each individual strategy. Behavioural Brain Research, 2008, 194, 236-241.	2.3	27
50	Upregulation of cortical COX-2 in salt-sensitive hypertension: role of angiotensin II and reactive oxygen species. American Journal of Physiology - Renal Physiology, 2008, 294, F385-F392.	3.4	49
51	Chronic thoracic hemisection spinal cord injury in adult rats induces a progressive decline in transmission from uninjured fibers to lumbar motoneurons. Nature Precedings, 2008, , .	0.1	0
52	Angiotensin II increases the expression of the transcription factor ETS-1 in mesangial cells. American Journal of Physiology - Renal Physiology, 2008, 294, F1094-F1100.	3.4	30
53	Neuronal Populations Capable of Regeneration following a Combined Treatment in Rats with Spinal Cord Transection. Journal of Neurotrauma, 2007, 24, 1667-1673.	3.7	74
54	Transduced Schwann cells promote axon growth and myelination after spinal cord injury. Experimental Neurology, 2007, 207, 203-217.	4.1	118

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55	Modulation of the cAMP signaling pathway after traumatic brain injury. Experimental Neurology, 2007, 208, 145-158.	4.1	131
56	Social and Environmental Enrichment Improves Sensory and Motor Recovery after Severe Contusive Spinal Cord Injury in the Rat. Journal of Neurotrauma, 2007, 24, 1761-1772.	3.7	78
57	Transplantation of Schwann cells and/or olfactory ensheathing glia into the contused spinal cord: Survival, migration, axon association, and functional recovery. Glia, 2007, 55, 976-1000.	5.1	284
58	Cellular repair strategies for spinal cord injury. Expert Opinion on Biological Therapy, 2006, 6, 639-652.	3.1	23
59	Methylprednisolone and other confounders to spinal cord injury clinical trials. Nature Clinical Practice Neurology, 2006, 2, 402-403.	6.2	17
60	Up-regulation of glomerular COX-2 by angiotensin II: Role of reactive oxygen species. Kidney International, 2005, 68, 2143-2153.	5.0	79
61	Specific pathophysiological functions of JNK isoforms in the brain. European Journal of Neuroscience, 2005, 21, 363-377.	3.6	208
62	Combining Schwann Cell Bridges and Olfactory-Ensheathing Glia Grafts with Chondroitinase Promotes Locomotor Recovery after Complete Transection of the Spinal Cord. Journal of Neuroscience, 2005, 25, 1169-1178.	3.7	450
63	cAMP and Schwann cells promote axonal growth and functional recovery after spinal cord injury. Nature Medicine, 2004, 10, 610-616.	39.5	707
64	Inhibition of tumour necrosis factor-alpha by antisense targeting produces immunophenotypical and morphological changes in injury-activated microglia and macrophages. European Journal of Neuroscience, 2004, 20, 3387-3396.	3.6	35
65	Basic Fibroblast Growth Factor Promotes Neuronal Survival but Not Behavioral Recovery in the Transected and Schwann Cell Implanted Rat Thoracic Spinal Cord. Journal of Neurotrauma, 2004, 21, 1415-1430.	3.7	74
66	Targeting Intracellular Signaling Molecules Within the Neuron to Promote Repair After Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2004, 10, 1-16.	0.6	7
67	Transplantation strategies to promote repair of the injured spinal cord. Journal of Rehabilitation Research and Development, 2003, 40, 55.	1.5	105
68	Jun, Fos and Krox in the hippocampus after noxious stimulation: simultaneous-input-dependent expression and nuclear speckling. Brain Research, 2001, 894, 193-208.	2.5	19