Adam J Reid

List of Publications by Year
in descending order

56 papers	1,642 citations	361296 20 h-index	302012 39 g-index
57 all docs	57 docs citations	57 times ranked	2475 citing authors

#	Article	IF	Citations
1	Peripheral nerve regeneration: Experimental strategies and future perspectives. Advanced Drug Delivery Reviews, 2015, 82-83, 160-167.	6.6	446
2	Nerve repair with adipose-derived stem cells protects dorsal root ganglia neurons from apoptosis. Neuroscience, 2011, 199, 515-522.	1.1	121
3	Bioactive Silkâ€Based Nerve Guidance Conduits for Augmenting Peripheral Nerve Repair. Advanced Healthcare Materials, 2018, 7, e1800308.	3.9	98
4	Polymer Scaffolds with Preferential Parallel Grooves Enhance Nerve Regeneration. Tissue Engineering - Part A, 2015, 21, 1152-1162.	1.6	80
5	Long term peripheral nerve regeneration using a novel PCL nerve conduit. Neuroscience Letters, 2013, 544, 125-130.	1.0	75
6	Human Schwannâ€like cells derived from adiposeâ€derived mesenchymal stem cells rapidly deâ€differentiate in the absence of stimulating medium. European Journal of Neuroscience, 2016, 43, 417-430.	1.2	58
7	Pak2 as a Novel Therapeutic Target for Cardioprotective Endoplasmic Reticulum Stress Response. Circulation Research, 2019, 124, 696-711.	2.0	48
8	Adipose-Derived Stem Cells and Nerve Regeneration. International Review of Neurobiology, 2013, 108, 121-136.	0.9	47
9	Gene expression changes in dorsal root ganglia following peripheral nerve injury: roles in inflammation, cell death and nociception. Neural Regeneration Research, 2019, 14, 939.	1.6	42
10	In vitro and in vivo testing of novel ultrathin PCL and PCL/PLA blend films as peripheral nerve conduit. Journal of Biomedical Materials Research - Part A, 2010, 93A, 1470-1481.	2.1	41
11	Adipose-derived stem cells: selecting for translational success. Regenerative Medicine, 2015, 10, 79-96.	0.8	40
12	The use of information and communications technologies in the delivery of interprofessional education: A review of evaluation outcome levels. Journal of Interprofessional Care, 2015, 29, 541-550.	0.8	37
13	Adipose derived stem cells and nerve regeneration. Neural Regeneration Research, 2014, 9, 1341.	1.6	32
14	N-Acetylcysteine alters apoptotic gene expression in axotomised primary sensory afferent subpopulations. Neuroscience Research, 2009, 65, 148-155.	1.0	31
15	Selfâ€Assembling Peptide Hydrogel Matrices Improve the Neurotrophic Potential of Human Adiposeâ€Derived Stem Cells. Advanced Healthcare Materials, 2019, 8, e1900410.	3.9	28
16	Dorsal Root Ganglia Neurons and Differentiated Adipose-derived Stem Cells: An In Vitro Co-culture Model to Study Peripheral Nerve Regeneration. Journal of Visualized Experiments, 2015, , .	0.2	27
17	Plastic Surgery in the Press. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2008, 61, 866-869.	0.5	25
18	Purinergic signaling mediated by P2X₇ receptors controls myelination in sciatic nerves. Journal of Neuroscience Research, 2014, 92, 1259-1269.	1.3	25

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19	Peripherin and ATF3 genes are differentially regulated in regenerating and non-regenerating primary sensory neurons. Brain Research, 2010, 1310, 1-7.	1.1	23
20	Improving the glial differentiation of human Schwann-like adipose-derived stem cells with graphene oxide substrates. Interface Focus, 2018, 8, 20180002.	1.5	23
21	Muscarinic receptors modulate Nerve Growth Factor production in rat Schwann-like adipose-derived stem cells and in Schwann cells. Scientific Reports, 2020, 10, 7159.	1.6	19
22	Selective Fiber Degeneration in the Peripheral Nerve of a Patient With Severe Complex Regional Pain Syndrome. Frontiers in Neuroscience, 2018, 12, 207.	1.4	17
23	M2 receptors activation modulates cell growth, migration and differentiation of rat Schwann-like adipose-derived stem cells. Cell Death Discovery, 2019, 5, 92.	2.0	16
24	Adipose-Derived Stem Cells for Nerve Repair: Hype or Reality?. Cells Tissues Organs, 2014, 200, 23-30.	1.3	14
25	The future application of nanomedicine and biomimicry in plastic and reconstructive surgery. Nanomedicine, 2019, 14, 2679-2696.	1.7	13
26	The angiogenic potential of CD271+ human adipose tissue-derived mesenchymal stem cells. Stem Cell Research and Therapy, 2021, 12, 160.	2.4	12
27	Maintenance of a Schwann-Like Phenotype in Differentiated Adipose-Derived Stem Cells Requires the Synergistic Action of Multiple Growth Factors. Stem Cells International, 2017, 2017, 1-7.	1.2	11
28	Crossâ€talk between motor neurons and myotubes via endogenously secreted neural and muscular growth factors. Physiological Reports, 2021, 9, e14791.	0.7	11
29	Phenotype of distinct primary sensory afferent subpopulations and caspase-3 expression following axotomy. Histochemistry and Cell Biology, 2011, 136, 71-78.	0.8	10
30	Simplified in vitro engineering of neuromuscular junctions between rat embryonic motoneurons and immortalized human skeletal muscle cells . Stem Cells and Cloning: Advances and Applications, 2019, Volume 12, 1-9.	2.3	10
31	Functional Characterization of Muscarinic Receptors in Human Schwann Cells. International Journal of Molecular Sciences, 2020, 21, 6666.	1.8	10
32	Reorganisation to a local anaesthetic trauma service improves time to treatment during the COVID-19 pandemic â€“ experience from a UK tertiary plastic surgery centre. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2021, 74, 890-930.	0.5	10
33	Schwann-like adipose-derived stem cells as a promising therapeutic tool for peripheral nerve regeneration: effects of cholinergic stimulation. Neural Regeneration Research, 2021, 16, 1218.	1.6	10
34	Graphene Oxide Substrate Promotes Neurotrophic Factor Secretion and Survival of Human Schwannâ€Like Adipose Mesenchymal Stromal Cells. Advanced Biology, 2021, 5, e2000271.	1.4	10
35	One-stage combined â€œfix and flapâ€•approach for complex open Gustiloâ€“Anderson IIIB lower limbs fractures: a prospective review of 102 cases. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 425-434.	1.3	10
36	Use of a modified BAPRAS Delphi process for research priority setting in Plastic Surgery in the UK. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 1679-1681.	0.5	9

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37	The use of adjuvant local antibiotic hydroxyapatite bio-composite in the management of open Gustilo Anderson type IIIB fractures. A prospective review. Journal of Orthopaedics, 2019, 16, 278-282.	0.6	9
38	Novel oral anticoagulants in plastic surgery. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2016, 69, 585-593.	0.5	8
39	A Quantitative Systematic Review of Clinical Outcome Measure Use in Peripheral Nerve Injury of the Upper Limb. Neurosurgery, 2021, 89, 22-30.	0.6	8
40	Development of the Manchester wide-awake hand trauma service in 2020: the patient experience. Journal of Hand Surgery: European Volume, 2021, 46, 569-573.	0.5	8
41	An Epidermal-Specific Role for Arginase1 during Cutaneous Wound Repair. Journal of Investigative Dermatology, 2022, 142, 1206-1216.e8.	0.3	8
42	Mitochondrial involvement in sensory neuronal cell death and survival. Experimental Brain Research, 2012, 221, 357-367.	0.7	7
43	Development and Characterisation of an in vitro Model of Wallerian Degeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 784.	2.0	7
44	Effects mediated by the Î±7 nicotinic acetylcholine receptor on cell proliferation and migration in rat adipose-derived stem cells. European Journal of Histochemistry, 2020, 64, .	0.6	6
45	Vinculin is required for neuronal mechanosensing but not for axon outgrowth. Experimental Cell Research, 2021, 407, 112805.	1.2	6
46	Sinus tract identification by Methylene Blue gel. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2013, 66, e297.	0.5	5
47	Protocol for a phase I trial of a novel synthetic polymerÂnerveÂconduit 'Polynerve' in participants with sensory digitalÂnerve injuryÂ(UMANC). F1000Research, 2019, 8, 959.	0.8	5
48	Prophylactic antibiotics are not indicated in uncomplicated hand lacerations. Emergency Medicine Journal, 2007, 24, 218-218.	0.4	4
49	The potential of adipose-derived stem cell subpopulations in regenerative medicine. Regenerative Medicine, 2018, 13, 357-360.	0.8	4
50	Peripheral nerve regeneration following injury is altered in mice lacking P2X7 receptor. European Journal of Neuroscience, 2021, 54, 5798-5814.	1.2	4
51	A Novel Bioengineered Functional Motor Unit Platform to Study Neuromuscular Interaction. Journal of Clinical Medicine, 2020, 9, 3238.	1.0	4
52	Light-Induced Molecular Adsorption of Proteins Using the PRIMO System for Micro-Patterning to Study Cell Responses to Extracellular Matrix Proteins. Journal of Visualized Experiments, 2019, , .	0.2	3
53	Transcriptomic Profile Reveals Deregulation of Hearing-Loss Related Genes in Vestibular Schwannoma Cells Following Electromagnetic Field Exposure. Cells, 2021, 10, 1840.	1.8	3
54	Hyaluronic Acid (HA) Receptors and the Motility of Schwann Cell(-Like) Phenotypes. Cells, 2020, 9, 1477.	1.8	2

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55	Tissue Engineering: Selfâ€Assembling Peptide Hydrogel Matrices Improve the Neurotrophic Potential of Human Adiposeâ€Derived Stem Cells (Adv. Healthcare Mater. 17/2019). Advanced Healthcare Materials, 2019, 8, 1970073.	3.9	1
56	Biochemical functionalization of graphene oxide for directing stem cell differentiation. Journal of Molecular Structure, 2022, 1249, 131578.	1.8	1