

# Chandler L Walker

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28  
papers

398  
citations

12  
h-index

19  
g-index

28  
ext. papers

501  
ext. citations

3.7  
avg, IF

3.65  
L-index

#	Paper	IF	Citations
28	Progress in perisynaptic Schwann cell and neuromuscular junction research. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 1273-1274	4.5	0
27	Bisperoxovanadium promotes motor neuron survival and neuromuscular innervation in amyotrophic lateral sclerosis. <i>Molecular Brain</i> , <b>2021</b> , 14, 155	4.5	0
26	Intraoral Local Mandibular Anesthesia <b>2021</b> , 25-30		
25	Facial nerve repair utilizing intraoperative repair strategies. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2020</b> , 5, 552-559	2.8	1
24	Bisperoxovanadium Mediates Neuronal Protection through Inhibition of PTEN and Activation of PI3K/AKT-mTOR Signaling after Traumatic Spinal Injuries. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 2676-2687	5.4	18
23	Carboxyl-terminal modulator protein regulates Akt signaling during skeletal muscle atrophy in vitro and a mouse model of amyotrophic lateral sclerosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 3920	4.9	5
22	Functional and Anatomical Outcomes of Facial Nerve Injury With Application of Polyethylene Glycol in a Rat Model. <i>JAMA Facial Plastic Surgery</i> , <b>2019</b> , 21, 61-68	3.2	13
21	Systemic Dental Pulp Stem Cell Secretome Therapy in a Mouse Model of Amyotrophic Lateral Sclerosis. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	14
20	Adipose-derived stem cell conditioned medium for the treatment of amyotrophic lateral sclerosis: pre-clinical evidence and potential for clinical application. <i>Neural Regeneration Research</i> , <b>2019</b> , 14, 1522-1524	4.5	2
19	Functional and Histological Gender Comparison of Age-Matched Rats after Moderate Thoracic Contusive Spinal Cord Injury. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 1974-1984	5.4	17
18	Temporospatial Analysis and New Players in the Immunology of Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	5
17	Adipose-derived stem cell conditioned medium impacts asymptomatic peripheral neuromuscular denervation in the mutant superoxide dismutase (G93A) transgenic mouse model of amyotrophic lateral sclerosis. <i>Restorative Neurology and Neuroscience</i> , <b>2018</b> , 36, 621-627	2.8	5
16	RhoA/Rho Kinase Mediates Neuronal Death Through Regulating cPLA Activation. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6885-6895	6.2	22
15	Anatomical and functional effects of lateral cervical hemicontusion in adult rats. <i>Restorative Neurology and Neuroscience</i> , <b>2016</b> , 34, 389-400	2.8	4
14	Schwann Cell-Mediated Axonal Regeneration in the Central Nervous System <b>2015</b> , 337-349		1
13	CD4 + T Cells and Neuroprotection: Relevance to Motoneuron Injury and Disease. <i>Journal of NeuroImmune Pharmacology</i> , <b>2015</b> , 10, 587-94	6.9	10
12	Schwann cell transplantation and descending propriospinal regeneration after spinal cord injury. <i>Brain Research</i> , <b>2015</b> , 1619, 104-14	3.7	25

11	A novel vertebral stabilization method for producing contusive spinal cord injury. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e50149	1.6	11
10	Biphasic bisperoxovanadium administration and Schwann cell transplantation for repair after cervical contusive spinal cord injury. <i>Experimental Neurology</i> , <b>2015</b> , 264, 163-72	5.7	11
9	Surgical decompression in acute spinal cord injury: A review of clinical evidence, animal model studies, and potential future directions of investigation. <i>Frontiers in Biology</i> , <b>2014</b> , 9, 127-136		23
8	PTEN inhibitor bisperoxovanadium protects oligodendrocytes and myelin and prevents neuronal atrophy in adult rats following cervical hemicontusive spinal cord injury. <i>Neuroscience Letters</i> , <b>2014</b> , 573, 64-8	3.3	35
7	A semicircular controlled cortical impact produces long-term motor and cognitive dysfunction that correlates well with damage to both the sensorimotor cortex and hippocampus. <i>Brain Research</i> , <b>2014</b> , 1576, 18-26	3.7	14
6	PTEN/PI3K and MAPK signaling in protection and pathology following CNS injuries. <i>Frontiers in Biology</i> , <b>2013</b> , 8, 421		30
5	A bilateral head injury that shows graded brain damage and behavioral deficits in adult mice. <i>Brain Research</i> , <b>2013</b> , 1499, 121-8	3.7	14
4	Controlled cervical laceration injury in mice. <i>Journal of Visualized Experiments</i> , <b>2013</b> , e50030	1.6	10
3	Retrograde Axonal Tract Tracing. <i>Springer Protocols</i> , <b>2012</b> , 443-460	0.3	
2	Systemic bisperoxovanadium activates Akt/mTOR, reduces autophagy, and enhances recovery following cervical spinal cord injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e30012	3.7	108
1	Morphological Assessments Following Spinal Cord Injury. <i>Springer Protocols</i> , <b>2012</b> , 405-416	0.3	