

Adam R Ferguson

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

8,497
citations

41258

49
h-index

58464

82
g-index

183
all docs

183
docs citations

183
times ranked

8809
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive spontaneous plasticity of corticospinal projections after primate spinal cord injury. <i>Nature Neuroscience</i> , 2010, 13, 1505-1510.	7.1	346
2	Magnetic resonance imaging improves 3-month outcome prediction in mild traumatic brain injury. <i>Annals of Neurology</i> , 2013, 73, 224-235.	2.8	340
3	Recovery After Mild Traumatic Brain Injury in Patients Presenting to US Level I Trauma Centers. <i>JAMA Neurology</i> , 2019, 76, 1049.	4.5	247
4	Noninvasive Reactivation of Motor Descending Control after Paralysis. <i>Journal of Neurotrauma</i> , 2015, 32, 1968-1980.	1.7	236
5	Restorative effects of human neural stem cell grafts on the primate spinal cord. <i>Nature Medicine</i> , 2018, 24, 484-490.	15.2	236
6	Big data from small data: data-sharing in the 'long tail' of neuroscience. <i>Nature Neuroscience</i> , 2014, 17, 1442-1447.	7.1	227
7	Cell Death after Spinal Cord Injury Is Exacerbated by Rapid TNF-Induced Trafficking of GluR2-Lacking AMPARs to the Plasma Membrane. <i>Journal of Neuroscience</i> , 2008, 28, 11391-11400.	1.7	205
8	CCR2 Antagonism Alters Brain Macrophage Polarization and Ameliorates Cognitive Dysfunction Induced by Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2015, 35, 748-760.	1.7	195
9	Mean Arterial Blood Pressure Correlates with Neurological Recovery after Human Spinal Cord Injury: Analysis of High Frequency Physiologic Data. <i>Journal of Neurotrauma</i> , 2015, 32, 1958-1967.	1.7	187
10	Risk of Posttraumatic Stress Disorder and Major Depression in Civilian Patients After Mild Traumatic Brain Injury. <i>JAMA Psychiatry</i> , 2019, 76, 249.	6.0	170
11	Application of 3D Printing for Smart Objects with Embedded Electronic Sensors and Systems. <i>Advanced Materials Technologies</i> , 2016, 1, 1600013.	3.0	167
12	Topological data analysis for discovery in preclinical spinal cord injury and traumatic brain injury. <i>Nature Communications</i> , 2015, 6, 8581.	5.8	153
13	Association between plasma GFAP concentrations and MRI abnormalities in patients with CT-negative traumatic brain injury in the TRACK-TBI cohort: a prospective multicentre study. <i>Lancet Neurology</i> , 2019, 18, 953-961.	4.9	150
14	Pronounced species divergence in corticospinal tract reorganization and functional recovery after lateralized spinal cord injury favors primates. <i>Science Translational Medicine</i> , 2015, 7, 302ra134.	5.8	148
15	Self-Assisted Standing Enabled by Non-Invasive Spinal Stimulation after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 1435-1450.	1.7	143
16	The Brain and Spinal Injury Center score: a novel, simple, and reproducible method for assessing the severity of acute cervical spinal cord injury with axial T2-weighted MRI findings. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 495-504.	0.9	132
17	Assessment of Follow-up Care After Emergency Department Presentation for Mild Traumatic Brain Injury and Concussion. <i>JAMA Network Open</i> , 2018, 1, e180210.	2.8	119
18	BDNF and learning: Evidence that instrumental training promotes learning within the spinal cord by up-regulating BDNF expression. <i>Neuroscience</i> , 2007, 148, 893-906.	1.1	111

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19	Translational Stroke Research. <i>Stroke</i> , 2017, 48, 2632-2637.	1.0	108
20	The evolution of white matter microstructural changes after mild traumatic brain injury: A longitudinal DTI and NODDI study. <i>Science Advances</i> , 2020, 6, eaaz6892.	4.7	106
21	Functional Outcomes Over the First Year After Moderate to Severe Traumatic Brain Injury in the Prospective, Longitudinal TRACK-TBI Study. <i>JAMA Neurology</i> , 2021, 78, 982.	4.5	103
22	Development of a Database for Translational Spinal Cord Injury Research. <i>Journal of Neurotrauma</i> , 2014, 31, 1789-1799.	1.7	100
23	Chondroitinase improves anatomical and functional outcomes after primate spinal cord injury. <i>Nature Neuroscience</i> , 2019, 22, 1269-1275.	7.1	98
24	A principal component analysis of coagulation after trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1223-1230.	1.1	96
25	Uncontrollable Stimulation Undermines Recovery after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2004, 21, 1795-1817.	1.7	95
26	Nociceptive plasticity inhibits adaptive learning in the spinal cord. <i>Neuroscience</i> , 2006, 141, 421-431.	1.1	87
27	A Simple Post Hoc Transformation that Improves the Metric Properties of the BBB Scale for Rats with Moderate to Severe Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2004, 21, 1601-1613.	1.7	81
28	Animal Models of Neurologic Disorders: A Nonhuman Primate Model of Spinal Cord Injury. <i>Neurotherapeutics</i> , 2012, 9, 380-392.	2.1	80
29	Quantitative CT Improves Outcome Prediction in Acute Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 735-746.	1.7	77
30	Instrumental Learning Within the Spinal Cord: Underlying Mechanisms and Implications for Recovery After Injury. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2006, 5, 191-239.	3.9	75
31	Large animal and primate models of spinal cord injury for the testing of novel therapies. <i>Experimental Neurology</i> , 2015, 269, 154-168.	2.0	75
32	Minimum Information about a Spinal Cord Injury Experiment: A Proposed Reporting Standard for Spinal Cord Injury Experiments. <i>Journal of Neurotrauma</i> , 2014, 31, 1354-1361.	1.7	74
33	Association of Sex and Age With Mild Traumatic Brain Injury-Related Symptoms: A TRACK-TBI Study. <i>JAMA Network Open</i> , 2021, 4, e213046.	2.8	74
34	Uncovering precision phenotype-biomarker associations in traumatic brain injury using topological data analysis. <i>PLoS ONE</i> , 2017, 12, e0169490.	1.1	73
35	Point-of-Care Platform Blood Biomarker Testing of Glial Fibrillary Acidic Protein versus S100 Calcium-Binding Protein B for Prediction of Traumatic Brain Injuries: A Transforming Research and Clinical Knowledge in Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , 2020, 37, 2460-2467.	1.7	72
36	AMPA receptor trafficking and injury-induced cell death. <i>European Journal of Neuroscience</i> , 2010, 32, 290-297.	1.2	71

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37	Ultra-Early (<12 Hours) Surgery Correlates With Higher Rate of American Spinal Injury Association Impairment Scale Conversion After Cervical Spinal Cord Injury. <i>Neurosurgery</i> , 2019, 85, 199-203.	0.6	69
38	Maladaptive spinal plasticity opposes spinal learning and recovery in spinal cord injury. <i>Frontiers in Physiology</i> , 2012, 3, 399.	1.3	68
39	Pre-Clinical Testing of Therapies for Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 2737-2754.	1.7	68
40	Derivation of Multivariate Syndromic Outcome Metrics for Consistent Testing across Multiple Models of Cervical Spinal Cord Injury in Rats. <i>PLoS ONE</i> , 2013, 8, e59712.	1.1	65
41	Instrumental learning within the spinal cord: IV. Induction and retention of the behavioral deficit observed after noncontingent shock.. <i>Behavioral Neuroscience</i> , 2002, 116, 1032-1051.	0.6	63
42	Performance Evaluation of a Multiplex Assay for Simultaneous Detection of Four Clinically Relevant Traumatic Brain Injury Biomarkers. <i>Journal of Neurotrauma</i> , 2019, 36, 182-187.	1.7	63
43	Instrumental learning within the spinal cord. <i>Physiology and Behavior</i> , 2002, 77, 259-267.	1.0	60
44	Validating Multi-Dimensional Outcome Assessment Using the Traumatic Brain Injury Common Data Elements: An Analysis of the TRACK-TBI Pilot Study Sample. <i>Journal of Neurotrauma</i> , 2017, 34, 3158-3172.	1.7	59
45	Instrumental learning within the spinal cord: IV. Induction and retention of the behavioral deficit observed after noncontingent shock. <i>Behavioral Neuroscience</i> , 2002, 116, 1032-51.	0.6	59
46	Peripheral noxious stimulation reduces withdrawal threshold to mechanical stimuli after spinal cord injury: Role of tumor necrosis factor alpha and apoptosis. <i>Pain</i> , 2014, 155, 2344-2359.	2.0	57
47	The impact of morphine after a spinal cord injury. <i>Behavioural Brain Research</i> , 2007, 179, 281-293.	1.2	56
48	Developmental stage of oligodendrocytes determines their response to activated microglia in vitro. <i>Journal of Neuroinflammation</i> , 2007, 4, 28.	3.1	54
49	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. <i>JAMA Neurology</i> , 2021, 78, 1137.	4.5	53
50	Demonstrating efficacy in preclinical studies of cellular therapies for spinal cord injury – How much is enough?. <i>Experimental Neurology</i> , 2013, 248, 30-44.	2.0	52
51	Glial Tumor Necrosis Factor Alpha (TNF α) Generates Metaplastic Inhibition of Spinal Learning. <i>PLoS ONE</i> , 2012, 7, e39751.	1.1	49
52	Metaplasticity and behavior: how training and inflammation affect plastic potential within the spinal cord and recovery after injury. <i>Frontiers in Neural Circuits</i> , 2014, 8, 100.	1.4	49
53	Developing a data sharing community for spinal cord injury research. <i>Experimental Neurology</i> , 2017, 295, 135-143.	2.0	48
54	The Irvine, Beatties, and Bresnahan (IBB) Forelimb Recovery Scale: An Assessment of Reliability and Validity. <i>Frontiers in Neurology</i> , 2014, 5, 116.	1.1	47

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55	Selective Serotonin Reuptake Inhibitors for Treating Neurocognitive and Neuropsychiatric Disorders Following Traumatic Brain Injury: An Evaluation of Current Evidence. <i>Brain Sciences</i> , 2017, 7, 93.	1.1	47
56	Complications and outcomes of vasopressor usage in acute traumatic central cord syndrome. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 574-580.	0.9	45
57	A novel inhibitor of p75-neurotrophin receptor improves functional outcomes in two models of traumatic brain injury. <i>Brain</i> , 2016, 139, 1762-1782.	3.7	44
58	Multivariate Analysis of MRI Biomarkers for Predicting Neurologic Impairment in Cervical Spinal Cord Injury. <i>American Journal of Neuroradiology</i> , 2017, 38, 648-655.	1.2	44
59	Convolutional Neural Network-Based Automated Segmentation of the Spinal Cord and Contusion Injury: Deep Learning Biomarker Correlates of Motor Impairment in Acute Spinal Cord Injury. <i>American Journal of Neuroradiology</i> , 2019, 40, 737-744.	1.2	44
60	Group I Metabotropic Glutamate Receptors Control Metaplasticity of Spinal Cord Learning through a Protein Kinase C-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2008, 28, 11939-11949.	1.7	43
61	Methods for Functional Assessment After C7 Spinal Cord Hemisection in the Rhesus Monkey. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 556-569.	1.4	43
62	COMT ValMet polymorphism is associated with post-traumatic stress disorder and functional outcome following mild traumatic brain injury. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 109-116.	0.8	43
63	A principal component analysis of coagulation after trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1223-1230.	1.1	42
64	A Unilateral Cervical Spinal Cord Contusion Injury Model in Non-Human Primates (<i>Macaca mulatta</i>). <i>Journal of Neurotrauma</i> , 2016, 33, 439-459.	1.7	42
65	Instrumental learning within the spinal cord: V. Evidence the behavioral deficit observed after noncontingent nociceptive stimulation reflects an intraspinal modification. <i>Behavioural Brain Research</i> , 2003, 141, 159-170.	1.2	41
66	Association of a common genetic variant within ANKK1 with six-month cognitive performance after traumatic brain injury. <i>Neurogenetics</i> , 2015, 16, 169-180.	0.7	40
67	MRI and biomechanics multidimensional data analysis reveals $R^{2} < R^{1}$ as an early predictor of cartilage lesion progression in knee osteoarthritis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 78-90.	1.9	40
68	Testing a Multivariate Proteomic Panel for Traumatic Brain Injury Biomarker Discovery: A TRACK-TBI Pilot Study. <i>Journal of Neurotrauma</i> , 2019, 36, 100-110.	1.7	40
69	A Novel Method for Assessing Proximal and Distal Forelimb Function in the Rat: the Irvine, Beatties and Bresnahan (IBB) Forelimb Scale. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	38
70	A novel antagonist of p75NTR reduces peripheral expansion and CNS trafficking of pro-inflammatory monocytes and spares function after traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2016, 13, 88.	3.1	38
71	Two chronic motor training paradigms differentially influence acute instrumental learning in spinally transected rats. <i>Behavioural Brain Research</i> , 2007, 180, 95-101.	1.2	37
72	Impact of Behavioral Control on the Processing of Nociceptive Stimulation. <i>Frontiers in Physiology</i> , 2012, 3, 262.	1.3	37

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73	Multidimensional Analysis of Magnetic Resonance Imaging Predicts Early Impairment in Thoracic and Thoracolumbar Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 954-962.	1.7	37
74	Cognitive Outcome 1 Year After Mild Traumatic Brain Injury. <i>Neurology</i> , 2022, 98, .	1.5	36
75	Combined SCI and TBI: Recovery of forelimb function after unilateral cervical spinal cord injury (SCI) is retarded by contralateral traumatic brain injury (TBI), and ipsilateral TBI balances the effects of SCI on paw placement. <i>Experimental Neurology</i> , 2013, 248, 136-147.	2.0	35
76	Instrumental Learning Within the Rat Spinal Cord: Localization of the Essential Neural Circuit.. <i>Behavioral Neuroscience</i> , 2005, 119, 538-547.	0.6	34
77	Brain tissue oxygen tension and its response to physiological manipulations: influence of distance from injury site in a swine model of traumatic brain injury. <i>Journal of Neurosurgery</i> , 2016, 125, 1217-1228.	0.9	34
78	<i>Apolipoprotein E epsilon 4 (APOEϵ4) genotype is associated with decreased 6-month verbal memory performance after mild traumatic brain injury. <i>Brain and Behavior</i>, 2017, 7, e00791.</i>	1.0	34
79	Motor Evoked Potentials Correlate With Magnetic Resonance Imaging and Early Recovery After Acute Spinal Cord Injury. <i>Neurosurgery</i> , 2018, 82, 870-876.	0.6	34
80	COMT Val 158 Met polymorphism is associated with nonverbal cognition following mild traumatic brain injury. <i>Neurogenetics</i> , 2016, 17, 31-41.	0.7	33
81	Pulmonary outcomes following specialized respiratory management for acute cervical spinal cord injury: a retrospective analysis. <i>Spinal Cord</i> , 2017, 55, 559-565.	0.9	33
82	MR Imaging for Assessing Injury Severity and Prognosis in Acute Traumatic Spinal Cord Injury. <i>Radiologic Clinics of North America</i> , 2019, 57, 319-339.	0.9	33
83	Diagnostic blood RNA profiles for human acute spinal cord injury. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	31
84	Central nociceptive sensitization vs. spinal cord training: opposing forms of plasticity that dictate function after complete spinal cord injury. <i>Frontiers in Physiology</i> , 2012, 3, 396.	1.3	29
85	Tumor Necrosis Factor Alpha Mediates GABA _A Receptor Trafficking to the Plasma Membrane of Spinal Cord Neurons <i>In Vivo</i> . <i>Neural Plasticity</i> , 2012, 2012, 1-11.	1.0	29
86	Clinical Implementation of Novel Spinal Cord Perfusion Pressure Protocol in Acute Traumatic Spinal Cord Injury at U.S. Level I Trauma Center: TRACK-SCI Study. <i>World Neurosurgery</i> , 2020, 133, e391-e396.	0.7	29
87	Syndromics: A Bioinformatics Approach for Neurotrauma Research. <i>Translational Stroke Research</i> , 2011, 2, 438-454.	2.3	28
88	Inflammation-induced GluA1 trafficking and membrane insertion of Ca ²⁺ permeable AMPA receptors in dorsal horn neurons is dependent on spinal tumor necrosis factor, PI3 kinase and protein kinase A. <i>Experimental Neurology</i> , 2017, 293, 144-158.	2.0	28
89	Differential fracture response to traumatic brain injury suggests dominance of neuroinflammatory response in polytrauma. <i>Scientific Reports</i> , 2019, 9, 12199.	1.6	28
90	Shock-induced hyperalgesia: IV. Generality.. <i>Journal of Experimental Psychology</i> , 2001, 27, 219-238.	1.9	27

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91	GABAA receptor activation is involved in noncontingent shock inhibition of instrumental conditioning in spinal rats.. Behavioral Neuroscience, 2003, 117, 799-812.	0.6	27
92	The Behavioral Deficit Observed Following Noncontingent Shock in Spinalized Rats Is Prevented by the Protein Synthesis Inhibitor Cycloheximide.. Behavioral Neuroscience, 2004, 118, 653-658.	0.6	27
93	FAIR SCI Ahead: The Evolution of the Open Data Commons for Pre-Clinical Spinal Cord Injury Research. Journal of Neurotrauma, 2020, 37, 831-838.	1.7	27
94	Genetic Data Sharing and Privacy. Neuroinformatics, 2015, 13, 1-6.	1.5	26
95	Failure of Mean Arterial Pressure Goals to Improve Outcomes Following Penetrating Spinal Cord Injury. Neurosurgery, 2016, 79, 708-714.	0.6	26
96	Neurotrauma as a big-data problem. Current Opinion in Neurology, 2018, 31, 702-708.	1.8	25
97	DRD2 C957T polymorphism is associated with improved 6-month verbal learning following traumatic brain injury. Neurogenetics, 2017, 18, 29-38.	0.7	24
98	Exploration of surgical blood pressure management and expected motor recovery in individuals with traumatic spinal cord injury. Spinal Cord, 2020, 58, 377-386.	0.9	24
99	Satisfaction with Life after Mild Traumatic Brain Injury: A TRACK-TBI Study. Journal of Neurotrauma, 2021, 38, 546-554.	1.7	24
100	AMPA Receptor Phosphorylation and Synaptic Colocalization on Motor Neurons Drive Maladaptive Plasticity below Complete Spinal Cord Injury. ENeuro, 2015, 2, ENEURO.0091-15.2015.	0.9	23
101	Influence of Spinal Cord Integrity on Gait Control in Human Spinal Cord Injury. Neurorehabilitation and Neural Repair, 2016, 30, 562-572.	1.4	23
102	Safety and effectiveness of early chemical deep venous thrombosis prophylaxis after spinal cord injury: pilot prospective data. Neurosurgical Focus, 2017, 43, E21.	1.0	23
103	What Is Being Trained? How Divergent Forms of Plasticity Compete To Shape Locomotor Recovery after Spinal Cord Injury. Journal of Neurotrauma, 2017, 34, 1831-1840.	1.7	23
104	Analysis of Normal High-Frequency Intracranial Pressure Values and Treatment Threshold in Neurocritical Care Patients. JAMA Neurology, 2020, 77, 1150.	4.5	23
105	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. Journal of Neurotrauma, 2021, 38, 2514-2529.	1.7	23
106	Acute post-injury blockade of L^1 calcium channel subunits prevents pathological autonomic plasticity after spinal cord injury. Cell Reports, 2021, 34, 108667.	2.9	23
107	The impact of deep space radiation on cognitive performance: From biological sex to biomarkers to countermeasures. Science Advances, 2021, 7, eabg6702.	4.7	23
108	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data. Neuroinformatics, 2022, 20, 507-512.	1.5	23

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109	Pre-Clinical Common Data Elements for Traumatic Brain Injury Research: Progress and Use Cases. <i>Journal of Neurotrauma</i> , 2021, 38, 1399-1410.	1.7	22
110	Latent Profile Analysis of Neuropsychiatric Symptoms and Cognitive Function of Adults 2 Weeks After Traumatic Brain Injury. <i>JAMA Network Open</i> , 2021, 4, e213467.	2.8	22
111	Phenotyping the Spectrum of Traumatic Brain Injury: A Review and Pathway to Standardization. <i>Journal of Neurotrauma</i> , 2021, 38, 3222-3234.	1.7	22
112	Reproducible analysis of disease space via principal components using the novel R package syndRomics. <i>ELife</i> , 2021, 10, .	2.8	22
113	Concordance of common data elements for assessment of subjective cognitive complaints after mild-traumatic brain injury: a TRACK-TBI Pilot Study. <i>Brain Injury</i> , 2018, 32, 1071-1078.	0.6	21
114	Origins of Neural Progenitor Cell-Derived Axons Projecting Caudally after Spinal Cord Injury. <i>Stem Cell Reports</i> , 2019, 13, 105-114.	2.3	21
115	Emergency department blood alcohol level associates with injury factors and six-month outcome after uncomplicated mild traumatic brain injury. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 293-298.	0.8	20
116	Value of aggressive surgical and intensive care unit in elderly patients with traumatic spinal cord injury. <i>Neurosurgical Focus</i> , 2019, 46, E3.	1.0	20
117	Exposure to intermittent nociceptive stimulation under pentobarbital anesthesia disrupts spinal cord function in rats. <i>Psychopharmacology</i> , 2007, 192, 243-252.	1.5	17
118	Effect of Progesterone on Cerebral Vasospasm and Neurobehavioral Outcomes in a Rodent Model of Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2018, 110, e150-e159.	0.7	17
119	Leveraging biomedical informatics for assessing plasticity and repair in primate spinal cord injury. <i>Brain Research</i> , 2015, 1619, 124-138.	1.1	16
120	A data-driven approach for evaluating multi-modal therapy in traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 42474.	1.6	16
121	Loss of diffuse noxious inhibitory control after traumatic brain injury in rats: A chronic issue. <i>Experimental Neurology</i> , 2020, 333, 113428.	2.0	16
122	A Sublethal Dose of TNF α Potentiates Kainate-Induced Excitotoxicity in Optic Nerve Oligodendrocytes. <i>Neurochemical Research</i> , 2005, 30, 867-875.	1.6	15
123	Temporal profile of care following mild traumatic brain injury: predictors of hospital admission, follow-up referral and six-month outcome. <i>Brain Injury</i> , 2017, 31, 1820-1829.	0.6	15
124	Enhanced descending pain facilitation in acute traumatic brain injury. <i>Experimental Neurology</i> , 2019, 320, 112976.	2.0	15
125	Statistical Guidelines for Handling Missing Data in Traumatic Brain Injury Clinical Research. <i>Journal of Neurotrauma</i> , 2021, 38, 2530-2537.	1.7	15
126	Validity of the Brief Test of Adult Cognition by Telephone in Level 1 Trauma Center Patients Six Months Post-Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2021, 38, 1048-1059.	1.7	15

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127	Topological network analysis of patient similarity for precision management of acute blood pressure in spinal cord injury. <i>ELife</i> , 2021, 10, .	2.8	15
128	Monitoring Recovery after Injury: Procedures for Deriving the Optimal Test Window. <i>Journal of Neurotrauma</i> , 2004, 21, 109-118.	1.7	14
129	RegenBase: a knowledge base of spinal cord injury biology for translational research. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw040.	1.4	14
130	Divergent Six Month Functional Recovery Trajectories and Predictors after Traumatic Brain Injury: Novel Insights from the Citicoline Brain Injury Treatment Trial Study. <i>Journal of Neurotrauma</i> , 2019, 36, 2521-2532.	1.7	14
131	Polytrauma Is Associated with Increased Three- and Six-Month Disability after Traumatic Brain Injury: A TRACK-TBI Pilot Study. <i>Neurotrauma Reports</i> , 2020, 1, 32-41.	0.5	14
132	Invariance of the Bifactor Structure of Mild Traumatic Brain Injury (mTBI) Symptoms on the Rivermead Postconcussion Symptoms Questionnaire Across Time, Demographic Characteristics, and Clinical Groups: A TRACK-TBI Study. <i>Assessment</i> , 2021, 28, 1656-1670.	1.9	14
133	Data Dissemination: Shortening the Long Tail of Traumatic Brain Injury Dark Data. <i>Journal of Neurotrauma</i> , 2020, 37, 2414-2423.	1.7	13
134	Analysis of high-frequency PbtO2 measures in traumatic brain injury: insights into the treatment threshold. <i>Journal of Neurosurgery</i> , 2019, 131, 1216-1226.	0.9	13
135	Shock-induced hyperalgesia: IV. Generality. <i>Journal of Experimental Psychology</i> , 2001, 27, 219-38.	1.9	13
136	Brief exposure to a mild stressor enhances morphine-conditioned place preference in male rats. <i>Psychopharmacology</i> , 2004, 175, 47-52.	1.5	12
137	Using multidimensional topological data analysis to identify traits of hip osteoarthritis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1046-1058.	1.9	12
138	Transforming Research and Clinical Knowledge in Spinal Cord Injury (TRACK-SCI): an overview of initial enrollment and demographics. <i>Neurosurgical Focus</i> , 2020, 48, E6.	1.0	12
139	The first 24h: opioid administration in people with spinal cord injury and neurologic recovery. <i>Spinal Cord</i> , 2020, 58, 1080-1089.	0.9	11
140	Machine intelligence identifies soluble TNF α as a therapeutic target for spinal cord injury. <i>Scientific Reports</i> , 2021, 11, 3442.	1.6	11
141	Pain and negative affect: evidence the inverse benzodiazepine agonist DMCM inhibits pain and learning in rats. <i>Psychopharmacology</i> , 2001, 153, 180-190.	1.5	10
142	Excavating FAIR Data: the Case of the Multicenter Animal Spinal Cord Injury Study (MASCIS), Blood Pressure, and Neuro-Recovery. <i>Neuroinformatics</i> , 2022, 20, 39-52.	1.5	10
143	Promoting FAIR Data Through Community-driven Agile Design: the Open Data Commons for Spinal Cord Injury (odc-sci.org). <i>Neuroinformatics</i> , 2022, 20, 203-219.	1.5	10
144	Tractography-Pathology Correlations in Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2021, 38, 1620-1631.	1.7	9

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145	Empowering Data Sharing and Analytics through the Open Data Commons for Traumatic Brain Injury Research. <i>Neurotrauma Reports</i> , 2022, 3, 139-157.	0.5	9
146	Expert-augmented automated machine learning optimizes hemodynamic predictors of spinal cord injury outcome. <i>PLoS ONE</i> , 2022, 17, e0265254.	1.1	9
147	Smaller Regional Brain Volumes Predict Posttraumatic Stress Disorder at 3 Months After Mild Traumatic Brain Injury. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 352-359.	1.1	8
148	Monitoring Outcome after Hospital-Presenting Milder Spectrum Pediatric Traumatic Brain Injury Using the Glasgow Outcome Scale-Extended, Pediatric Revision. <i>Journal of Neurotrauma</i> , 2020, 37, 1627-1636.	1.7	7
149	Injury volume extracted from MRI predicts neurologic outcome in acute spinal cord injury: A prospective TRACK-SCI pilot study. <i>Journal of Clinical Neuroscience</i> , 2020, 82, 231-236.	0.8	6
150	A Systematic Review of Safety Reporting in Acute Spinal Cord Injury Clinical Trials: Challenges and Recommendations. <i>Journal of Neurotrauma</i> , 2021, 38, 2047-2054.	1.7	4
151	Prognostic Value of Hemorrhagic Brainstem Injury on Early Computed Tomography: A TRACK-TBI Study. <i>Neurocritical Care</i> , 2021, 35, 335-346.	1.2	4
152	FAIR Data Reuse in Traumatic Brain Injury: Exploring Inflammation and Age as Moderators of Recovery in the TRACK-TBI Pilot. <i>Frontiers in Neurology</i> , 2021, 12, 768735.	1.1	4
153	Assessments of sensory plasticity after spinal cord injury across species. <i>Neuroscience Letters</i> , 2017, 652, 74-81.	1.0	3
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