Catherine R Jutzeler

List of Publications by Year
in descending order

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39 papers	993 citations	516710 16 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	1368 citing authors

#	Article	IF	Citations
1	Cell-based and stem-cell-based treatments for spinal cord injury: evidence from clinical trials. Lancet Neurology, The, 2022, 21, 659-670.	10.2	83
2	Tardive neurotoxicity of anticholinergic drugs: A review. Journal of Neurochemistry, 2021, 158, 1334-1344.	3.9	10
3	The reporting of observational studies of drug effectiveness and safety: recommendations to extend existing guidelines. Expert Opinion on Drug Safety, 2021, 20, 1-8.	2.4	2
4	Single-trial averaging improves the physiological interpretation of contact heat evoked potentials. NeuroImage, 2021, 225, 117473.	4.2	5
5	Serum albumin as a predictor of neurological recovery after spinal cord injury: a replication study. Spinal Cord, 2021, 59, 282-290.	1.9	10
6	Routine Blood Chemistry Predicts Functional Recovery After Traumatic Spinal Cord Injury: A Post Hoc Analysis. Neurorehabilitation and Neural Repair, 2021, 35, 321-333.	2.9	7
7	An intensity matched comparison of laser- and contact heat evoked potentials. Scientific Reports, 2021, 11, 6861.	3.3	14
8	Early Prediction of Sepsis in the ICU Using Machine Learning: A Systematic Review. Frontiers in Medicine, 2021, 8, 607952.	2.6	62
9	Natural Progression of Routine Laboratory Markers after Spinal Trauma: A Longitudinal, Multi-Cohort Study. Journal of Neurotrauma, 2021, 38, 2151-2161.	3.4	2
10	Physical Activity and Health-Related Quality of Life in Adults With a Neurologically-Related Mobility Disability During the COVID-19 Pandemic: An Exploratory Analysis. Frontiers in Neurology, 2021, 12, 699884.	2.4	6
11	Machine Learning for Biomedical Time Series Classification: From Shapelets to Deep Learning. Methods in Molecular Biology, 2021, 2190, 33-71.	0.9	14
12	Conditioned Pain Modulation Decreases Over Time in Patients With Neuropathic Pain Following a Spinal Cord Injury. Neurorehabilitation and Neural Repair, 2020, 34, 997-1008.	2.9	12
13	Comorbidities, clinical signs and symptoms, laboratory findings, imaging features, treatment strategies, and outcomes in adult and pediatric patients with COVID-19: A systematic review and meta-analysis. Travel Medicine and Infectious Disease, 2020, 37, 101825.	3.0	118
14	Excitatory and inhibitory responses in the brain to experimental pain: A systematic review of MR spectroscopy studies. NeuroImage, 2020, 215, 116794.	4.2	11
15	Association of timing of gabapentinoid use with motor recovery after spinal cord injury. Neurology, 2020, 95, e3412-e3419.	1.1	4
16	Application of electrophysiological measures in spinal cord injury clinical trials: a narrative review. Spinal Cord, 2019, 57, 909-923.	1.9	26
17	New life for an old idea: Assessing tonic heat pain by means of participant controlled temperature. Journal of Neuroscience Methods, 2019, 321, 20-27.	2.5	5
18	The Effect of Non-Gabapentinoid Anticonvulsants on Sensorimotor Recovery After Human Spinal Cord Injury. CNS Drugs, 2019, 33, 503-511.	5.9	13

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19	A Longitudinal Study of the Neurologic Safety of Acute Baclofen Use After Spinal Cord Injury. Neurotherapeutics, 2019, 16, 858-867.	4.4	20
20	Progression of Neuropathic Pain after Acute Spinal Cord Injury: A Meta-Analysis and Framework for Clinical Trials. Journal of Neurotrauma, 2019, 36, 1461-1468.	3.4	33
21	Pan-Canadian Estimates of Chronic Pain Prevalence From 2000 to 2014: A Repeated Cross-Sectional Survey Analysis. Journal of Pain, 2019, 20, 557-565.	1.4	48
22	Sensorimotor plasticity after spinal cord injury: a longitudinal and translational study. Annals of Clinical and Translational Neurology, 2019, 6, 68-82.	3.7	19
23	Contact Heat Evoked Potentials Are Responsive to Peripheral Sensitization: Requisite Stimulation Parameters. Frontiers in Human Neuroscience, 2019, 13, 459.	2.0	11
24	Serum Albumin Predicts Long-Term Neurological Outcomes After Acute Spinal Cord Injury. Neurorehabilitation and Neural Repair, 2018, 32, 7-17.	2.9	28
25	Not Hot, but Sharp: Dissociation of Pinprick and Heat Perception in Snake Eye Appearance Myelopathy. Frontiers in Neurology, 2018, 9, 1144.	2.4	4
26	Placebo response in neuropathic pain after spinal cord injury: a meta-analysis of individual participant data. Journal of Pain Research, 2018, Volume 11, 901-912.	2.0	5
27	Thermal grill conditioning: Effect on contact heat evoked potentials. Scientific Reports, 2017, 7, 40007.	3.3	11
28	Early Administration of Gabapentinoids Improves Motor Recovery after Human Spinal Cord Injury. Cell Reports, 2017, 18, 1614-1618.	6.4	44
29	Journal Club: Pregnancy outcome following maternal exposure to pregabalin may call for concern. Neurology, 2017, 88, e5-e7.	1.1	9
30	Journal Club: Long-term functional outcome in patients with acquired infections after acute spinal cord injury. Neurology, 2017, 89, e76-e78.	1.1	4
31	Assessing structure and function of myelin in cervical spondylotic myelopathy. Neurology, 2017, 89, 602-610.	1.1	45
32	Spontaneous resolution of an extensive posttraumatic syrinx. Neurology, 2016, 87, 1299-1301.	1.1	5
33	Normative data for the segmental acquisition of contact heat evoked potentials in cervical dermatomes. Scientific Reports, 2016, 6, 34660.	3.3	36
34	Spinal cord injury affects the interplay between visual and sensorimotor representations of the body. Scientific Reports, 2016, 6, 20144.	3.3	42
35	Association of pain and CNS structural changes after spinal cord injury. Scientific Reports, 2016, 6, 18534.	3.3	84
36	Effects of Pain and Pain Management on Motor Recovery of Spinal Cordâ€“Injured Patients. Neurorehabilitation and Neural Repair, 2016, 30, 753-761.	2.9	37

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37	Effectiveness of High-Frequency Electrical Stimulation Following Sensitization With Capsaicin. Journal of Pain, 2015, 16, 595-605.	1.4	14
38	Neuropathic Pain and Functional Reorganization in the Primary Sensorimotor Cortex After Spinal Cord Injury. Journal of Pain, 2015, 16, 1256-1267.	1.4	48
39	Improving the acquisition of nociceptive evoked potentials without causing more pain. Pain, 2013, 154, 235-241.	4.2	37