Teemu Luoto

List of Publications by Year in descending order

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82 papers	2,013 citations	236612 25 h-index	276539 41 g-index
84 all docs	84 docs citations	84 times ranked	3047 citing authors

#	Article	IF	Citations
1	Apolipoprotein Eâ€“dependent accumulation of Alzheimer diseaseâ€“related lesions begins in middle age. Annals of Neurology, 2009, 65, 650-657.	2.8	250
2	Recovery from Mild Traumatic Brain Injury in Previously Healthy Adults. Journal of Neurotrauma, 2016, 33, 766-776.	1.7	143
3	The incidence of chronic subdural hematomas from 1990 to 2015 in a defined Finnish population. Journal of Neurosurgery, 2020, 132, 1147-1157.	0.9	86
4	Resilience Is Associated with Outcome from Mild Traumatic Brain Injury. Journal of Neurotrauma, 2015, 32, 942-949.	1.7	72
5	Acute mild traumatic brain injury is not associated with white matter change on diffusion tensor imaging. Brain, 2014, 137, 1876-1882.	3.7	70
6	Chronic subdural hematomaâ€”incidence, complications, and financial impact. Acta Neurochirurgica, 2020, 162, 2033-2043.	0.9	70
7	Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Gene Is a Risk Factor of Large-Vessel Atherosclerosis Stroke. PLoS ONE, 2007, 2, e1043.	1.1	67
8	Assessing the State of Chronic Spinal Cord Injury Using Diffusion Tensor Imaging. Journal of Neurotrauma, 2013, 30, 1587-1595.	1.7	54
9	Sport concussion assessment tool â€“ 3rd edition â€“ normative reference values for professional ice hockey players. Journal of Science and Medicine in Sport, 2016, 19, 636-641.	0.6	54
10	Who Gets Recruited in Mild Traumatic Brain Injury Research?. Journal of Neurotrauma, 2013, 30, 11-16.	1.7	51
11	Comparing Glial Fibrillary Acidic Protein (GFAP) in Serum and Plasma Following Mild Traumatic Brain Injury in Older Adults. Frontiers in Neurology, 2020, 11, 1054.	1.1	45
12	<scp>K</scp>ingâ€“<scp>D</scp>evick test normative reference values for professional male ice hockey players. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e327-30.	1.3	40
13	Associations of apolipoprotein E gene with ischemic stroke and intracranial atherosclerosis. European Journal of Human Genetics, 2008, 16, 955-960.	1.4	39
14	Assessment of mild traumatic brain injury with the King-Devick TestÂ® in an emergency department sample. Brain Injury, 2014, 28, 1590-1593.	0.6	38
15	Characterizing the type and location of intracranial abnormalities in mild traumatic brain injury. Journal of Neurosurgery, 2018, 129, 1588-1597.	0.9	38
16	Mild Chronic Traumatic Encephalopathy Neuropathology in People With No Known Participation in Contact Sports or History of Repetitive Neurotrauma. Journal of Neuropathology and Experimental Neurology, 2019, 78, 615-625.	0.9	38
17	A Systematic Review of the Usefulness of Glial Fibrillary Acidic Protein for Predicting Acute Intracranial Lesions following Head Trauma. Frontiers in Neurology, 2017, 8, 652.	1.1	36
18	Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. World Neurosurgery: X, 2020, 6, 100060.	0.6	35

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19	Large Vessel Cerebral Atherosclerosis Is Not in Direct Association with Neuropathological Lesions of Alzheimerâ€™s Disease. European Neurology, 2009, 62, 93-98.	0.6	34
20	Long-term excess mortality after chronic subdural hematoma. Acta Neurochirurgica, 2020, 162, 1467-1478.	0.9	34
21	Prospective Validation of the Scandinavian Guidelines for Initial Management of Minimal, Mild, and Moderate Head Injuries in Adults. Journal of Neurotrauma, 2019, 36, 2904-2912.	1.7	33
22	Clinical correlates of cerebral diffusion tensor imaging findings in chronic traumatic spinal cord injury. Spinal Cord, 2014, 52, 202-208.	0.9	32
23	Sport Concussion Assessment Tool 2 in a Civilian Trauma Sample with Mild Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 728-738.	1.7	31
24	Disconnection between Periodic Leg Movements and Cortical Arousals in Spinal Cord Injury. Journal of Clinical Sleep Medicine, 2013, 09, 1207-1209.	1.4	29
25	CLU, CR1 and PICALM genes associate with Alzheimer's-related senile plaques. Alzheimer's Research and Therapy, 2011, 3, 12.	3.0	27
26	Resilience Is Associated With Fatigue After Mild Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2015, 30, E24-E32.	1.0	27
27	Serum Neurofilament Light Is Elevated Differentially in Older Adults with Uncomplicated Mild Traumatic Brain Injuries. Journal of Neurotrauma, 2019, 36, 2400-2406.	1.7	27
28	Concussion in the international ice hockey World Championships and Olympic Winter Games between 2006 and 2015. British Journal of Sports Medicine, 2017, 51, 244-252.	3.1	25
29	Temporal Trends in Healthcare Costs and Outcome Following ICU Admission After Traumatic Brain Injury. Critical Care Medicine, 2018, 46, e302-e309.	0.4	25
30	Risk factors for laryngeal penetration-aspiration in patients with acute traumatic cervical spinal cord injury. Spine Journal, 2018, 18, 81-87.	0.6	25
31	Who Gets Head Trauma or Recruited in Mild Traumatic Brain Injury Research?. Journal of Neurotrauma, 2016, 33, 232-241.	1.7	24
32	Head injuries and the risk of concurrent cervical spine fractures. Acta Neurochirurgica, 2017, 159, 907-914.	0.9	22
33	Diffusion tensor imaging of the cervical spinal cord in healthy adult population: normative values and measurement reproducibility at 3T MRI. Acta Radiologica, 2014, 55, 478-485.	0.5	21
34	Traumatic cervical spinal cord injury: a prospective clinical study of laryngeal penetration and aspiration. Spinal Cord, 2017, 55, 979-984.	0.9	20
35	Epidemiology of traumatic spinal cord injury in Finland. Spinal Cord, 2021, 59, 761-768.	0.9	20
36	Beer Drinking Associates with Lower Burden of Amyloid Beta Aggregation in the Brain: Helsinki Sudden Death Series. Alcoholism: Clinical and Experimental Research, 2016, 40, 1473-1478.	1.4	18

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37	Spinal cord injury induces widespread chronic changes in cerebral white matter. Human Brain Mapping, 2017, 38, 3637-3647.	1.9	18
38	Interpreting change on the SCAT3 in professional ice hockey players. Journal of Science and Medicine in Sport, 2017, 20, 424-431.	0.6	18
39	Upstream Transcription Factor 1 (USF1) Polymorphisms Associate with Alzheimer's Diseaseâ€related Neuropathological Lesions: Tampere Autopsy Study. Brain Pathology, 2012, 22, 765-775.	2.1	17
40	Acute Assessment of Brain Injuries in Ground-Level Falls. Journal of Head Trauma Rehabilitation, 2013, 28, 89-97.	1.0	17
41	Reliability of the Sport Concussion Assessment Tool 5 baseline testing: A 2-week testâ€“retest study. Journal of Science and Medicine in Sport, 2021, 24, 129-134.	0.6	17
42	A decade of geriatric traumatic brain injuries in Finland: population-based trends. Age and Ageing, 2020, 49, 779-785.	0.7	16
43	Fatal cervical spine injuries: a Finnish nationwide register-based epidemiologic study on data from 1987 to 2010. Spine Journal, 2016, 16, 918-926.	0.6	15
44	Sport Concussion Assessment Tool: Interpreting day-of-injury scores in professional ice hockey players. Journal of Science and Medicine in Sport, 2018, 21, 794-799.	0.6	15
45	CRP gene variation affects early development of Alzheimer's disease-related plaques. Journal of Neuroinflammation, 2011, 8, 96.	3.1	14
46	Complicated mild traumatic brain injury in older adults: Post-concussion symptoms and functional outcome at one week post injury. Brain Injury, 2020, 34, 26-33.	0.6	14
47	Dynamic prediction of mortality after traumatic brain injury using a machine learning algorithm. Npj Digital Medicine, 2022, 5, .	5.7	14
48	Necessity of monitoring after negative head CT in acute head injury. Injury, 2014, 45, 1340-1344.	0.7	10
49	Traumatic brain injury patient volume and mortality in neurosurgical intensive care units: a Finnish nationwide study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 133.	1.1	9
50	Clinical correlates of retrograde amnesia in mild traumatic brain injury. Brain Injury, 2015, 29, 565-572.	0.6	8
51	Adolescent athletes with learning disability display atypical maturational trajectories on concussion baseline testing: Implications based on a Finnish sample. Child Neuropsychology, 2019, 25, 336-351.	0.8	8
52	Admission Levels of Interleukin 10 and Amyloid Î² 1â€“40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 549527.	1.1	8
53	Traumatic cervical spinal cord injury: recovery of penetration/aspiration and functional feeding outcome. Spinal Cord, 2018, 56, 1000-1007.	0.9	7
54	Age, symptoms, and functional outcome after mild traumatic brain injury. Acta Neurologica Scandinavica, 2020, 141, 183-190.	1.0	7

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55	Preexisting conditions in older adults with mild traumatic brain injuries. Brain Injury, 2021, 35, 1607-1615.	0.6	7
56	Reliability of the freehand region-of-interest method in quantitative cerebral diffusion tensor imaging. BMC Medical Imaging, 2021, 21, 144.	1.4	7
57	Prognosis of patients with operated chronic subdural hematoma. Scientific Reports, 2022, 12, 7020.	1.6	7
58	Finnish study of intraoperative irrigation versus drain alone after evacuation of chronic subdural haematoma (FINISH): a study protocol for a multicentre randomised controlled trial. BMJ Open, 2020, 10, e038275.	0.8	6
59	Mortality After Trauma Craniotomy Is Decreasing in Older Adultsâ€"A Nationwide Population-Based Study. World Neurosurgery, 2021, 152, e313-e320.	0.7	6
60	Effect of Oral Anticoagulation and Adenosine Diphosphate Inhibitor Therapies on Short-term Outcome of Traumatic Brain Injury. Neurology, 0, , 10.1212/WNL.0000000000200834.	1.5	6
61	Structural Integrity of Medial Temporal Lobes of Patients with Acute Mild Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 1153-1160.	1.7	5
62	Possible confounding factors on cerebral diffusion tensor imaging measurements. Acta Radiologica Open, 2015, 4, 204798161454679.	0.3	5
63	Changing epidemiology of traumatic brain injury among the workingâ€aged in Finland: Admissions and neurosurgical operations. Acta Neurologica Scandinavica, 2022, 146, 34-41.	1.0	5
64	Paediatric traffic accidents â€“ current epidemiological trends at a finnish university hospital. Injury, 2020, 51, 2179-2185.	0.7	4
65	How do we identify the crashing traumatic brain injury patient â€“ the neurosurgeon's view. Current Opinion in Critical Care, 2021, 27, 87-94.	1.6	4
66	Incidence of surgically treated post-traumatic hydrocephalus 6Âmonths following head injury in patients undergoing acute head computed tomography. Acta Neurochirurgica, 2022, 164, 2357-2365.	0.9	4
67	High-Risk Periods for Adult Traumatic Brain Injuries: A Nationwide Population-Based Study. Neuroepidemiology, 2021, 55, 216-223.	1.1	3
68	Reply to Saeid Safiri's Letter to the Editor: Risk factors for laryngeal penetration-aspiration in patients with acute traumatic cervical spinal cord injury. Spine Journal, 2017, 17, 1956-1957.	0.6	2
69	Preventable diagnostic errors in fatal cervical spine injuries: a nationwide register-based study from 1987 to 2010. Spine Journal, 2018, 18, 430-438.	0.6	2
70	Reliability of serum S100B measurement following mild traumatic brain injury: a comparison of assay measurements from two laboratories. Brain Injury, 2020, 34, 1237-1244.	0.6	2
71	Craniotomies following acute traumatic brain injury in Finlandâ€"a national study between 1997 and 2018. Acta Neurochirurgica, 2022, 164, 625-633.	0.9	2
72	Sport concussion assessment tool-second edition in an emergency department setting. British Journal of Sports Medicine, 2013, 47, e1.13-e1.	3.1	1

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73	Violence-related traumatic brain injury. Brain Injury, 2019, 33, 1045-1049.	0.6	1
74	Authorsâ€™ Reply: Age-Related Tau Aggregates Resemble Chronic Traumatic Encephalopathy Neuropathologic Change. Journal of Neuropathology and Experimental Neurology, 2020, 79, 924-928.	0.9	1
75	Serotonergic Antidepressants and Risk for Traumatic Intracranial Bleeding. Frontiers in Neurology, 2021, 12, 758707.	1.1	1
76	Acute mild traumatic brain injury is not associated with white matter change on whole brain diffusion tensor imaging. Journal of the Neurological Sciences, 2013, 333, e611.	0.3	0
77	CONCUSSIONS IN INTERNATIONAL ICE HOCKEY CHAMPIONSHIPS AND OLYMPIC WINTER GAMES BETWEEN 2006 AND 2015. British Journal of Sports Medicine, 2017, 51, 399.1-399.	3.1	0
78	Concussions in international ice hockey championships and olympic winter games between 2006 and 2015. British Journal of Sports Medicine, 2017, 51, A64.1-A64.	3.1	0
79	Day of injury dizziness is related to prolonged recovery following concussion. British Journal of Sports Medicine, 2017, 51, A73.3-A74.	3.1	0
80	How to interpret post-concussion symptom severities of scat3 in professional ice hockey players. British Journal of Sports Medicine, 2017, 51, A75.2-A76.	3.1	0
81	The utility of individual baseline versus normative reference values for the scat3 following concussion in professional ice hockey players. British Journal of Sports Medicine, 2017, 51, A77.2-A77.	3.1	0
82	A-04 Signs of Injury, Preexisting Health Conditions, and Emergency Department Discharge Location among Older Adults with Mild Traumatic Brain Injuries. Archives of Clinical Neuropsychology, 2020, 35, 777-777.	0.3	0