

# Juha E Å-hman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5550325/publications.pdf>

Version: 2024-02-01

89  
papers

4,017  
citations

109137

35  
h-index

123241

61  
g-index

91  
all docs

91  
docs citations

91  
times ranked

5384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility loci for intracranial aneurysm in European and Japanese populations. <i>Nature Genetics</i> , 2008, 40, 1472-1477.	9.4	247
2	Timing of operation for ruptured supratentorial aneurysms: a prospective randomized study. <i>Journal of Neurosurgery</i> , 1989, 70, 55-60.	0.9	232
3	A Prospective Biopsychosocial Study of the Persistent Post-Concussion Symptoms following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 534-547.	1.7	201
4	Adipose Stem Cells Used to Reconstruct 13 Cases With Cranio-Maxillofacial Hard-Tissue Defects. <i>Stem Cells Translational Medicine</i> , 2014, 3, 530-540.	1.6	164
5	Cranioplasty With Adipose-Derived Stem Cells and Biomaterial: A Novel Method for Cranial Reconstruction. <i>Neurosurgery</i> , 2011, 68, 1535-1540.	0.6	163
6	Recovery from Mild Traumatic Brain Injury in Previously Healthy Adults. <i>Journal of Neurotrauma</i> , 2016, 33, 766-776.	1.7	143
7	The Value of the "Worst" Computed Tomographic Scan in Clinical Studies of Moderate and Severe Head Injury. <i>Neurosurgery</i> , 2000, 46, 70-77.	0.6	136
8	Intensive care management of head-injured patients in Europe: a survey from the European Brain Injury Consortium. <i>Intensive Care Medicine</i> , 2001, 27, 400-406.	3.9	129
9	Complement activation in the central nervous system following blood-brain barrier damage in man. <i>Annals of Neurology</i> , 1996, 40, 587-596.	2.8	125
10	Routine Cerebral Angiography after Surgery for Saccular Aneurysms: Is It Worth It?. <i>Neurosurgery</i> , 2004, 55, 1015-1024.	0.6	105
11	Persistent symptoms in mild to moderate traumatic brain injury associated with executive dysfunction. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2010, 32, 767-774.	0.8	104
12	Traumatic Subarachnoid Hemorrhage: Demographic and Clinical Study of 750 Patients from the European Brain Injury Consortium Survey of Head Injuries. <i>Neurosurgery</i> , 2002, 50, 261-269.	0.6	101
13	The incidence of chronic subdural hematomas from 1990 to 2015 in a defined Finnish population. <i>Journal of Neurosurgery</i> , 2020, 132, 1147-1157.	0.9	86
14	Hypertension as a Risk Factor for Epilepsy after Aneurysmal Subarachnoid Hemorrhage and Surgery. <i>Neurosurgery</i> , 1990, 27, 578-581.	0.6	79
15	Resilience Is Associated with Outcome from Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 942-949.	1.7	72
16	Acute mild traumatic brain injury is not associated with white matter change on diffusion tensor imaging. <i>Brain</i> , 2014, 137, 1876-1882.	3.7	70
17	Chronic subdural hematoma—incidence, complications, and financial impact. <i>Acta Neurochirurgica</i> , 2020, 162, 2033-2043.	0.9	70
18	Psychometric Properties of the Finnish Version of the Resilience Scale and its Short Version. <i>Psychology, Community &amp; Health</i> , 2013, 2, 1-10.	0.7	69

#	ARTICLE	IF	CITATIONS
19	Immediate effects of deep brain stimulation of anterior thalamic nuclei on executive functions and emotion—attention interaction in humans. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 540-550.	0.8	68
20	Return to Work Following Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2014, 29, 443-450.	1.0	63
21	Texture analysis of MR images of patients with Mild Traumatic Brain Injury. <i>BMC Medical Imaging</i> , 2010, 10, 8.	1.4	59
22	The connection between ruptured cerebral aneurysms and odontogenic bacteria. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1214-1218.	0.9	59
23	Increased distractibility in closed head injury as revealed by event-related potentials. <i>NeuroReport</i> , 2000, 11, 1463-1468.	0.6	54
24	Repeatability and variation of region-of-interest methods using quantitative diffusion tensor MR imaging of the brain. <i>BMC Medical Imaging</i> , 2012, 12, 30.	1.4	54
25	Assessing the State of Chronic Spinal Cord Injury Using Diffusion Tensor Imaging. <i>Journal of Neurotrauma</i> , 2013, 30, 1587-1595.	1.7	54
26	Sport concussion assessment tool — 3rd edition — normative reference values for professional ice hockey players. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 636-641.	0.6	54
27	Biopsychosocial Outcome after Uncomplicated Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 108-124.	1.7	52
28	Diffusion tensor imaging of the brain in a healthy adult population: Normative values and measurement reproducibility at 3 T and 1.5 T. <i>Acta Radiologica</i> , 2010, 51, 800-807.	0.5	51
29	Who Gets Recruited in Mild Traumatic Brain Injury Research?. <i>Journal of Neurotrauma</i> , 2013, 30, 11-16.	1.7	51
30	Basal Brain Injury in Aneurysm Surgery. <i>Neurosurgery</i> , 2000, 46, 1070-1076.	0.6	48
31	Cost—utility analysis of routine neurosurgical spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 204-209.	0.9	46
32	Mild Traumatic Brain Injury. <i>Academic Radiology</i> , 2010, 17, 1096-1102.	1.3	42
33	Cranioplasty with Adipose-Derived Stem Cells, Beta-Tricalcium Phosphate Granules and Supporting Mesh: Six-Year Clinical Follow-Up Results. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1576-1582.	1.6	40
34	Enhanced Attention Capture by Emotional Stimuli in Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 272-279.	1.7	39
35	Assessment of mild traumatic brain injury with the King-Devick Test® in an emergency department sample. <i>Brain Injury</i> , 2014, 28, 1590-1593.	0.6	38
36	Characterizing the type and location of intracranial abnormalities in mild traumatic brain injury. <i>Journal of Neurosurgery</i> , 2018, 129, 1588-1597.	0.9	38

#	ARTICLE	IF	CITATIONS
37	Successful management of super-refractory status epilepticus with thalamic deep brain stimulation. <i>Annals of Neurology</i> , 2017, 81, 142-146.	2.8	36
38	Human anterior thalamic nuclei are involved in emotion-attention interaction. <i>Neuropsychologia</i> , 2015, 78, 88-94.	0.7	35
39	Bacterial DNA findings in ruptured and unruptured intracranial aneurysms. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 315-320.	0.9	35
40	Cost-Effectiveness Analysis of Nimodipine Treatment after Aneurysmal Subarachnoid Hemorrhage and Surgery. <i>Neurosurgery</i> , 1999, 45, 780-785.	0.6	34
41	A multicentre, prospective, randomized, controlled study to evaluate the use of a fibrin sealant as an adjunct to sutured dural repair. <i>British Journal of Neurosurgery</i> , 2015, 29, 11-17.	0.4	34
42	Causal Evidence from Humans for the Role of Mediodorsal Nucleus of the Thalamus in Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 2090-2102.	1.1	34
43	Long-term excess mortality after chronic subdural hematoma. <i>Acta Neurochirurgica</i> , 2020, 162, 1467-1478.	0.9	34
44	Sport Concussion Assessment Tool 2 in a Civilian Trauma Sample with Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 728-738.	1.7	31
45	Imaging of Anterior Nucleus of Thalamus Using 1.5T MRI for Deep Brain Stimulation Targeting in Refractory Epilepsy. <i>Neuromodulation</i> , 2016, 19, 812-817.	0.4	30
46	Disconnection between Periodic Leg Movements and Cortical Arousals in Spinal Cord Injury. <i>Journal of Clinical Sleep Medicine</i> , 2013, 09, 1207-1209.	1.4	29
47	Resilience Is Associated With Fatigue After Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, E24-E32.	1.0	27
48	Serum Neurofilament Light Is Elevated Differentially in Older Adults with Uncomplicated Mild Traumatic Brain Injuries. <i>Journal of Neurotrauma</i> , 2019, 36, 2400-2406.	1.7	27
49	Semantic processing in comatose patients with intact temporal lobes as reflected by the N400 event-related potential. <i>Neuroscience Letters</i> , 2010, 474, 88-92.	1.0	24
50	Long term outcome after subarachnoid haemorrhage of unknown aetiology. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1264-1266.	0.9	24
51	Who Gets Head Trauma or Recruited in Mild Traumatic Brain Injury Research?. <i>Journal of Neurotrauma</i> , 2016, 33, 232-241.	1.7	24
52	To exclude or not to exclude: White matter hyperintensities in diffusion tensor imaging research. <i>Brain Injury</i> , 2011, 25, 1325-1332.	0.6	22
53	Head injuries and the risk of concurrent cervical spine fractures. <i>Acta Neurochirurgica</i> , 2017, 159, 907-914.	0.9	22
54	Diffusion tensor imaging of the cervical spinal cord in healthy adult population: normative values and measurement reproducibility at 3T MRI. <i>Acta Radiologica</i> , 2014, 55, 478-485.	0.5	21

#	ARTICLE	IF	CITATIONS
55	IMPORTANCE OF SCREENING LOGS IN CLINICAL TRIALS FOR SEVERE TRAUMATIC BRAIN INJURY. <i>Neurosurgery</i> , 2008, 62, 1321-1329.	0.6	20
56	Reliability, validity and clinical usefulness of the BNI fatigue scale in mild traumatic brain injury. <i>Brain Injury</i> , 2012, 26, 972-978.	0.6	18
57	Long-term excess mortality of patients with treated and untreated unruptured intracranial aneurysms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 888-892.	0.9	18
58	Spinal cord injury induces widespread chronic changes in cerebral white matter. <i>Human Brain Mapping</i> , 2017, 38, 3637-3647.	1.9	18
59	Interpreting change on the SCAT3 in professional ice hockey players. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 424-431.	0.6	18
60	Acute Assessment of Brain Injuries in Ground-Level Falls. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 89-97.	1.0	17
61	Increased plasma UCH-L1 after aneurysmal subarachnoid hemorrhage is associated with unfavorable neurological outcome. <i>Journal of the Neurological Sciences</i> , 2016, 361, 144-149.	0.3	15
62	Fatal cervical spine injuries: a Finnish nationwide register-based epidemiologic study on data from 1987 to 2010. <i>Spine Journal</i> , 2016, 16, 918-926.	0.6	15
63	Sport Concussion Assessment Tool: Interpreting day-of-injury scores in professional ice hockey players. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 794-799.	0.6	15
64	The developing management of esthesioneuroblastoma: a single institution experience. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 213-221.	0.8	14
65	Time-courses of plasma IL-6 and HMGB-1 reflect initial severity of clinical presentation but do not predict poor neurologic outcome following subarachnoid hemorrhage. <i>ENeurologicalSci</i> , 2017, 6, 55-62.	0.5	14
66	SURVIVAL AND OUTCOME OF NEUROSURGICAL PATIENTS REQUIRING VENTILATORY SUPPORT AFTER INTENSIVE CARE UNIT STAY. <i>Neurosurgery</i> , 2009, 65, 530-538.	0.6	13
67	Necessity of monitoring after negative head CT in acute head injury. <i>Injury</i> , 2014, 45, 1340-1344.	0.7	10
68	New European Directive on clinical trials. <i>Lancet, The</i> , 2003, 361, 1473.	6.3	9
69	New European directive on clinical trials: implications for traumatic head injury research. <i>Intensive Care Medicine</i> , 2004, 30, 517-518.	3.9	8
70	Clinical correlates of retrograde amnesia in mild traumatic brain injury. <i>Brain Injury</i> , 2015, 29, 565-572.	0.6	8
71	Preexisting conditions in older adults with mild traumatic brain injuries. <i>Brain Injury</i> , 2021, 35, 1607-1615.	0.6	7
72	Reliability of the freehand region-of-interest method in quantitative cerebral diffusion tensor imaging. <i>BMC Medical Imaging</i> , 2021, 21, 144.	1.4	7

#	ARTICLE	IF	CITATIONS
73	Mismatch negativity abnormality in traumatic brain injury without macroscopic lesions on conventional MRI. <i>NeuroReport</i> , 2013, 24, 440-444.	0.6	6
74	Understanding intent to treat analyses: An important lesson from the international cooperative study on the timing of aneurysm surgery. <i>Neurochirurgie</i> , 2022, 68, 471-473.	0.6	6
75	Microvascular Free Flap Reconstruction of Skull Base Penetrating Tumors. <i>Journal of Reconstructive Microsurgery</i> , 2011, 27, 313-320.	1.0	5
76	Long-term MRI findings of patients with embolized cerebral aneurysms. <i>Acta Radiologica</i> , 2011, 52, 204-210.	0.5	5
77	Structural Integrity of Medial Temporal Lobes of Patients with Acute Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1153-1160.	1.7	5
78	Possible confounding factors on cerebral diffusion tensor imaging measurements. <i>Acta Radiologica Open</i> , 2015, 4, 204798161454679.	0.3	5
79	Procedural complications of endovascular treatment in patients with aneurysmal subarachnoid haemorrhage treated at a single centre. <i>Acta Neurochirurgica</i> , 2018, 160, 551-557.	0.9	3
80	Preventable diagnostic errors in fatal cervical spine injuries: a nationwide register-based study from 1987 to 2010. <i>Spine Journal</i> , 2018, 18, 430-438.	0.6	2
81	Reliability of serum S100B measurement following mild traumatic brain injury: a comparison of assay measurements from two laboratories. <i>Brain Injury</i> , 2020, 34, 1237-1244.	0.6	2
82	Understanding the importance of the primary trial hypothesis: The randomized trial on the timing of ruptured aneurysm surgery. <i>Neurochirurgie</i> , 2022, 68, 474-477.	0.6	2
83	Sport concussion assessment tool-second edition in an emergency department setting. <i>British Journal of Sports Medicine</i> , 2013, 47, e1.13-e1.	3.1	1
84	Violence-related traumatic brain injury. <i>Brain Injury</i> , 2019, 33, 1045-1049.	0.6	1
85	Serotonergic Antidepressants and Risk for Traumatic Intracranial Bleeding. <i>Frontiers in Neurology</i> , 2021, 12, 758707.	1.1	1
86	Image quality and signal distribution in 1.5-T and 3-T MRI in mild traumatic brain injury patients. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
87	Image-based segmentation for characterization and quantitative analysis of the spinal cord injuries by using diffusion patterns. , 2011, , .		0
88	How to interpret post-concussion symptom severities of scat3 in professional ice hockey players. <i>British Journal of Sports Medicine</i> , 2017, 51, A75.2-A76.	3.1	0
89	The utility of individual baseline versus normative reference values for the scat3 following concussion in professional ice hockey players. <i>British Journal of Sports Medicine</i> , 2017, 51, A77.2-A77.	3.1	0