Linda J Lanyon

List of Publications by Year
in descending order

46 papers	3,218 citations	430874 18 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	4102 citing authors

#	Article	IF	Citations
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
2	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI). Neurosurgery, 2015, 76, 67-80.	1.1	386
3	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. Lancet Neurology, The, 2019, 18, 923-934.	10.2	304
4	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. Journal of Clinical Epidemiology, 2020, 122, 95-107.	5.0	117
5	Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. Critical Care, 2017, 21, 233.	5.8	88
6	Toward standard practices for sharing computer code and programs in neuroscience. Nature Neuroscience, 2017, 20, 770-773.	14.8	87
7	Navigational skills correlate with hippocampal fractional anisotropy in humans. Hippocampus, 2008, 18, 335-339.	1.9	70
8	A model of active visual search with object-based attention guiding scan paths. Neural Networks, 2004, 17, 873-897.	5.9	56
9	Scan patterns during the processing of facial expression versus identity: An exploration of task-driven and stimulus-driven effects. Journal of Vision, 2008, 8, 2-2.	0.3	53
10	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 235-251.	3.4	39
11	Combined Functional MRI and Diffusion Tensor Imaging Analysis of Visual Motion Pathways. Journal of Neuro-Ophthalmology, 2009, 29, 96-103.	0.8	36
12	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. Journal of Neurotrauma, 2019, 36, 1080-1092.	3.4	30
13	Eye movement and diffusion tensor imaging analysis of treatment effects in a Niemannâ€"Pick Type C patient. Molecular Genetics and Metabolism, 2010, 99, 291-295.	1.1	27
14	A Standards Organization for Open and FAIR Neuroscience: the International Neuroinformatics Coordinating Facility. Neuroinformatics, 2022, 20, 25-36.	2.8	26
15	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. Lancet Neurology, The, 2022, 21, 620-631.	10.2	26
16	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. Journal of Neurotrauma, 2021, 38, 2514-2529.	3.4	23
17	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. Journal of Neurotrauma, 2021, 38, 1377-1388.	3.4	23
18	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. Journal of Neurotrauma, 2020, 37, 1002-1010.	3.4	20

#	Article	IF	Citations
19	Prediction of Global Functional Outcome and Post-Concussive Symptoms after Mild Traumatic Brain Injury: External Validation of Prognostic Models in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. Journal of Neurotrauma, 2021, 38, 196-209.	3.4	20
20	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	3.4	19
21	A biased competition computational model of spatial and object-based attention mediating active visual search. Neurocomputing, 2004, 58-60, 655-662.	5.9	18
22	Sensitivity and Bias in Decision-Making under Risk: Evaluating the Perception of Reward, Its Probability and Value. PLoS ONE, 2012, 7, e33460.	2.5	18
23	Functional organisation of visual pathways in a patient with no optic chiasm. Neuropsychologia, 2013, 51, 1260-1272.	1.6	15
24	Proposed Training to Meet Challenges of Large-Scale Data in Neuroscience. Frontiers in Neuroinformatics, 2016, 10, 28.	2.5	13
25	Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. NeuroImage, 2017, 153, 399-409.	4.2	13
26	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. Journal of Neurotrauma, 2020, 37, 1806-1817.	3.4	12
27	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. Injury, 2022, 53, 2774-2782.	1.7	11
28	Modelling Visual Neglect: Computational Insights into Conscious Perception. PLoS ONE, 2010, 5, e11128.	2.5	9
29	Modelling attention in individual cells leads to a system with realistic saccade behaviours. Cognitive Neurodynamics, 2009, 3, 223-242.	4.0	8
30	Human prosaccades and antisaccades under risk: effects of penalties and rewards on visual selection and the value of actions. Neuroscience, 2011, 196, 168-177.	2.3	8
31	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 113.	2.6	8
32	Visual Search and Line Bisection in Hemianopia: Computational Modelling of Cortical Compensatory Mechanisms and Comparison with Hemineglect. PLoS ONE, 2013, 8, e54919.	2.5	7
33	Tailoring Multi-Dimensional Outcomes to Level of Functional Recovery after Traumatic Brain Injury. Journal of Neurotrauma, 2022, 39, 1363-1381.	3.4	6
34	Teaching with Big Data: Report from the 2016 Society for Neuroscience Teaching Workshop. Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience, 2017, 16, A68-A76.	0.0	5
35	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. Brain and Spine, 2022, 2, 100854.	0.1	5
36	White and gray matter alterations in adults with Niemann-Pick disease type C: A cross-sectional study. Neurology, 2011, 76, 201-202.	1.1	4

#	Article	IF	Citations
37	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. Quality of Life Research, 2020, 29, 3095-3107.	3.1	4
38	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. Journal of Neurosurgery: Pediatrics, 2021, 27, 538-547.	1.3	4
39	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. Neurocritical Care, 2022, 36, 927-941.	2.4	4
40	A Model of Object-Based Attention That Guides Active Visual Search to Behaviourally Relevant Locations. Lecture Notes in Computer Science, 2005, , 42-56.	1.3	3
41	Vibrational Spectroscopy for the Triage of Traumatic Brain Injury Computed Tomography Priority and Hospital Admissions. Journal of Neurotrauma, 2022, 39, 773-783.	3.4	3
42	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. Neurocritical Care, 2021, , 1.	2.4	3
43	A MODEL OF SPATIAL AND OBJECT-BASED ATTENTION FOR ACTIVE VISUAL SEARCH. , 2005, , .		2
44	Line bisection under an attentional gradient induced by simulated neglect in healthy subjects. Neuropsychologia, 2012, 50, 1190-1201.	1.6	1
45	Standardizing Metadata in Brain Imaging. Frontiers in Neuroscience, 0, 9, .	2.8	1
46	A biased competition computational model of spatial and object-based attention mediating active visual search. Journal of Vision, 2010, 3, 570-570.	0.3	1