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	A Standards Organization for Open and FAIR Neuroscience: the International Neuroinformatics Coordinating Facility. Neuroinformatics, 2022, 20, 25-36.	2.8	26
2	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. Brain and Spine, 2022, 2, 100854.	0.1	5
3	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
4	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. Neurocritical Care, 2022, 36, 927-941.	2.4	4
5	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
6	Tailoring Multi-Dimensional Outcomes to Level of Functional Recovery after Traumatic Brain Injury. Journal of Neurotrauma, 2022, 39, 1363-1381.	3.4	6
7	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. Injury, 2022, 53, 2774-2782.	1.7	11
8	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
9	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 235-251.	3.4	39
10	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. Journal of Neurotrauma, 2021, 38, 2514-2529.	3.4	23
11	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
12	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
13	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
14	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. Neurocritical Care, 2021, , 1.	2.4	3
15	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
16	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	3.4	19
17	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
18	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

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19	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
20	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
21	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
22	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
23	Toward standard practices for sharing computer code and programs in neuroscience. Nature Neuroscience, 2017, 20, 770-773.	14.8	87
24	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
25	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
26	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
27	Proposed Training to Meet Challenges of Large-Scale Data in Neuroscience. Frontiers in Neuroinformatics, 2016, 10, 28.	2.5	13
28	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI). Neurosurgery, 2015, 76, 67-80.	1.1	386
29	Functional organisation of visual pathways in a patient with no optic chiasm. Neuropsychologia, 2013, 51, 1260-1272.	1.6	15
30	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
31	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
32	Line bisection under an attentional gradient induced by simulated neglect in healthy subjects. Neuropsychologia, 2012, 50, 1190-1201.	1.6	1
33	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
34	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
35	Modelling Visual Neglect: Computational Insights into Conscious Perception. PLoS ONE, 2010, 5, e11128.	2.5	9
36	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

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37	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
38	Combined Functional MRI and Diffusion Tensor Imaging Analysis of Visual Motion Pathways. Journal of Neuro-Ophthalmology, 2009, 29, 96-103.	0.8	36
39	Modelling attention in individual cells leads to a system with realistic saccade behaviours. Cognitive Neurodynamics, 2009, 3, 223-242.	4.0	8
40	Navigational skills correlate with hippocampal fractional anisotropy in humans. Hippocampus, 2008, 18, 335-339.	1.9	70
41	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
42	A MODEL OF SPATIAL AND OBJECT-BASED ATTENTION FOR ACTIVE VISUAL SEARCH. , 2005, , .		2
43	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
44	A biased competition computational model of spatial and object-based attention mediating active visual search. Neurocomputing, 2004, 58-60, 655-662.	5.9	18
45	A model of active visual search with object-based attention guiding scan paths. Neural Networks, 2004, 17, 873-897.	5.9	56
46	Standardizing Metadata in Brain Imaging. Frontiers in Neuroscience, 0, 9, .	2.8	1