

Brian L Edlow

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

5,083
citations

94269

37
h-index

110170

64
g-index

128
all docs

128
docs citations

128
times ranked

5439
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Rehabilitation for Patients with Disorders of Consciousness after Severe COVID-19. <i>Neurocritical Care</i> , 2022, 36, 341-343.	1.2	0
2	Risk factors for 2-year mortality in patients with prolonged disorders of consciousness: An international multicentre study. <i>European Journal of Neurology</i> , 2022, 29, 390-399.	1.7	21
3	Stability of extemporaneously prepared preservative-free methylphenidate 5 mg/mL intravenous solution. <i>American Journal of Health-System Pharmacy</i> , 2022, 79, 359-363.	0.5	0
4	Disorders of Consciousness Associated With COVID-19. <i>Neurology</i> , 2022, 98, .	1.5	22
5	Prognostication in Acute Neurological Emergencies. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106277.	0.7	6
6	Return to Work Within Four Months of Grade 3 Diffuse Axonal Injury. <i>Neurohospitalist, The</i> , 2022, 12, 194187442110514.	0.3	0
7	Ethical Considerations in Clinical Trials for Disorders of Consciousness. <i>Brain Sciences</i> , 2022, 12, 211.	1.1	13
8	Severe Cerebral Edema in Substance-Related Cardiac Arrest Patients. <i>Resuscitation</i> , 2022, , .	1.3	2
9	Neuroprognostication: a conceptual framework. <i>Nature Reviews Neurology</i> , 2022, 18, 419-427.	4.9	19
10	Prolonged Unconsciousness is Common in COVID-19 and Associated with Hypoxemia. <i>Annals of Neurology</i> , 2022, 91, 740-755.	2.8	15
11	Electrophysiological correlates of thalamocortical function in acute severe traumatic brain injury. <i>Cortex</i> , 2022, 152, 136-152.	1.1	14
12	Tracing Modification to Cortical Circuits in Human and Nonhuman Primates from High-Resolution Tractography, Transcription, and Temporal Dimensions. <i>Journal of Neuroscience</i> , 2022, 42, 3749-3767.	1.7	10
13	Comparison of Common Outcome Measures for Assessing Independence in Patients Diagnosed with Disorders of Consciousness: A Traumatic Brain Injury Model Systems Study. <i>Journal of Neurotrauma</i> , 2022, 39, 1222-1230.	1.7	5
14	Recovery from disorders of consciousness: mechanisms, prognosis and emerging therapies. <i>Nature Reviews Neurology</i> , 2021, 17, 135-156.	4.9	274
15	Brain MR Spectroscopic Findings in 3 Consecutive Patients with COVID-19: Preliminary Observations. <i>American Journal of Neuroradiology</i> , 2021, 42, 37-41.	1.2	15
16	Clinical, Imaging, and Lab Correlates of Severe COVID-19 Leukoencephalopathy. <i>American Journal of Neuroradiology</i> , 2021, 42, 632-638.	1.2	16
17	Common Data Elements for COVID-19 Neuroimaging: A GCS-NeuroCOVID Proposal. <i>Neurocritical Care</i> , 2021, 34, 365-370.	1.2	9
18	Susceptibility-weighted imaging reveals cerebral microvascular injury in severe COVID-19. <i>Journal of the Neurological Sciences</i> , 2021, 421, 117308.	0.3	60

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19	The Second NINDS/NIBIB Consensus Meeting to Define Neuropathological Criteria for the Diagnosis of Chronic Traumatic Encephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 210-219.	0.9	111
20	Unmasking Covert Language Processing in the Intensive Care Unit with Electroencephalography. <i>Annals of Neurology</i> , 2021, 89, 643-645.	2.8	13
21	Collaborative Neuropathology NEtwork Characterizing ouTcomes of TBI (CONNECT-TBI). <i>Acta Neuropathologica Communications</i> , 2021, 9, 32.	2.4	13
22	The Quest for Covert Consciousness. <i>Neurology</i> , 2021, 96, 893-896.	1.5	32
23	Blood flow response to orthostatic challenge identifies signatures of the failure of static cerebral autoregulation in patients with cerebrovascular disease. <i>BMC Neurology</i> , 2021, 21, 154.	0.8	4
24	Tracing the evolution of cortical circuits in humans from ultra-high resolution connectomic, transcriptomic, and temporal dimensions. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
25	Location of Subcortical Microbleeds and Recovery of Consciousness After Severe Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, e113-e123.	1.5	16
26	Update on neuroimaging in disorders of consciousness. <i>Current Opinion in Neurology</i> , 2021, 34, 488-496.	1.8	36
27	Emerging Consciousness at a Clinical Crossroads. <i>AJOB Neuroscience</i> , 2021, 12, 148-150.	0.6	8
28	Tractography-Pathology Correlations in Traumatic Brain Injury: A TRACK-TBI Study. <i>Journal of Neurotrauma</i> , 2021, 38, 1620-1631.	1.7	9
29	Dopaminergic modulation of human consciousness via default mode network connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
30	Mapping a memory disorder using functional network analysis. <i>Acta Neurologica Scandinavica</i> , 2021, 144, 463-464.	1.0	0
31	A Precision Medicine Framework for Classifying Patients with Disorders of Consciousness: Advanced Classification of Consciousness Endotypes (ACCESS). <i>Neurocritical Care</i> , 2021, 35, 27-36.	1.2	39
32	Therapies to Restore Consciousness in Patients with Severe Brain Injuries: A Gap Analysis and Future Directions. <i>Neurocritical Care</i> , 2021, 35, 68-85.	1.2	60
33	Joint super-resolution and synthesis of 1Âmm isotropic MP-RAGE volumes from clinical MRI exams with scans of different orientation, resolution and contrast. <i>NeuroImage</i> , 2021, 237, 118206.	2.1	52
34	The neuroethics of disorders of consciousness: a brief history of evolving ideas. <i>Brain</i> , 2021, 144, 3291-3310.	3.7	44
35	Reader Response: Critical Illnessâ€Associated Cerebral Microbleeds in COVID-19 Acute Respiratory Distress Syndrome. <i>Neurology</i> , 2021, 97, 254-254.	1.5	2
36	Reemergence of the language network during recovery from severe traumatic brain injury: A pilot functional MRI study. <i>Brain Injury</i> , 2021, 35, 1552-1562.	0.6	6

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37	Diagnosing Level of Consciousness: The Limits of the Glasgow Coma Scale Total Score. <i>Journal of Neurotrauma</i> , 2021, 38, 3295-3305.	1.7	51
38	Long-Term Recovery from Disordered Consciousness Associated with COVID-19. <i>Neurocritical Care</i> , 2021, , 1.	1.2	3
39	Mapping the subcortical connectivity of the human default mode network. <i>NeuroImage</i> , 2021, 245, 118758.	2.1	34
40	Stimulant Therapy in Acute Traumatic Brain Injury: Prescribing Patterns and Adverse Event Rates at 2 Level 1 Trauma Centers. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1196-1202.	1.3	22
41	Early-Onset Dementia in War Veterans: Brain Polypathology and Clinicopathologic Complexity. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 144-162.	0.9	15
42	The Ansa Subthalamica: A Neglected Fiber Tract. <i>Movement Disorders</i> , 2020, 35, 75-80.	2.2	20
43	EEG Correlates of Language Function in Traumatic Disorders of Consciousness. <i>Neurocritical Care</i> , 2020, 33, 449-457.	1.2	17
44	Optimizing the accuracy of cortical volumetric analysis in traumatic brain injury. <i>MethodsX</i> , 2020, 7, 100994.	0.7	18
45	Multicenter prospective study on predictors of short-term outcome in disorders of consciousness. <i>Neurology</i> , 2020, 95, e1488-e1499.	1.5	56
46	Delayed reemergence of consciousness in survivors of severe COVID-19. <i>Neurocritical Care</i> , 2020, 33, 627-629.	1.2	16
47	Personalized Connectome Mapping to Guide Targeted Therapy and Promote Recovery of Consciousness in the Intensive Care Unit. <i>Neurocritical Care</i> , 2020, 33, 364-375.	1.2	42
48	Case 40-2020: A 24-Year-Old Man with Headache and Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 2572-2580.	13.9	19
49	Ascending arousal network connectivity during recovery from traumatic coma. <i>NeuroImage: Clinical</i> , 2020, 28, 102503.	1.4	24
50	MRI in disorders of consciousness. <i>Current Opinion in Neurology</i> , 2020, 33, 676-683.	1.8	22
51	Intact Brain Network Function in an Unresponsive Patient with COVID-19. <i>Annals of Neurology</i> , 2020, 88, 851-854.	2.8	47
52	Disruption of the ascending arousal network in acute traumatic disorders of consciousness. <i>Neurology</i> , 2019, 93, e1281-e1287.	1.5	49
53	Recovery of Functional Independence After Traumatic Transtentorial Herniation With Duret Hemorrhages. <i>Frontiers in Neurology</i> , 2019, 10, 1077.	1.1	7
54	7 Tesla MRI of the ex vivo human brain at 100 micron resolution. <i>Scientific Data</i> , 2019, 6, 244.	2.4	179

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55	Covert Consciousness in the Intensive Care Unit. Trends in Neurosciences, 2019, 42, 844-847.	4.2	6
56	Multimodal assessment of recovery from coma in a rat model of diffuse brainstem tegmentum injury. NeuroImage, 2019, 189, 615-630.	2.1	19
57	Generalized diffusion spectrum magnetic resonance imaging (GDSI) for model-free reconstruction of the ensemble average propagator. NeuroImage, 2019, 189, 497-515.	2.1	10
58	Default mode network dynamics in covert consciousness. Cortex, 2019, 119, 571-574.	1.1	16
59	Primum non nocere: a call for balance when reporting on CTE. Lancet Neurology, The, 2019, 18, 231-233.	4.9	48
60	A state-space model for dynamic functional connectivity. , 2019, 2019, 240-244.		1
61	Traumatic Microbleeds in the Hippocampus and Corpus Callosum Predict Duration of Posttraumatic Amnesia. Journal of Head Trauma Rehabilitation, 2019, 34, E10-E18.	1.0	9
62	Characterizing Signals Within Lesions and Mapping Brain Network Connectivity After Traumatic Axonal Injury: A 7 Tesla Resting-State fMRI Study. Brain Connectivity, 2018, 8, 288-298.	0.8	9
63	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. Journal of Neurotrauma, 2018, 35, 1604-1619.	1.7	32
64	Dementia After Moderate-Severe Traumatic Brain Injury: Coexistence of Multiple Proteinopathies. Journal of Neuropathology and Experimental Neurology, 2018, 77, 50-63.	0.9	68
65	A probabilistic template of human mesopontine tegmental nuclei from in vivo 7 T MRI. NeuroImage, 2018, 170, 222-230.	2.1	45
66	Assessment of Covert Consciousness in the Intensive Care Unit: Clinical and Ethical Considerations. Journal of Head Trauma Rehabilitation, 2018, 33, 424-434.	1.0	46
67	Covert Consciousness: Searching for Volitional Brain Activity in the Unresponsive. Current Biology, 2018, 28, R1345-R1348.	1.8	16
68	Functional networks reemerge during recovery of unconsciousness after acute severe traumatic brain injury. Cortex, 2018, 106, 299-308.	1.1	101
69	Feasibility of an EEG-based brain-computer interface in the intensive care unit. Clinical Neurophysiology, 2018, 129, 1519-1525.	0.7	33
70	Revisiting Grade 3 Diffuse Axonal Injury: Not All Brainstem Microbleeds are Prognostically Equal. Neurocritical Care, 2017, 27, 199-207.	1.2	53
71	Teaching Neuro Images : Traumatic blown pupil without herniation. Neurology, 2017, 88, e190-e191.	1.5	1
72	Medical Management of the Severe Traumatic Brain Injury Patient. Neurocritical Care, 2017, 27, 430-446.	1.2	68

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73	Diagnosis of DWI-negative acute ischemic stroke. <i>Neurology</i> , 2017, 89, 256-262.	1.5	118
74	Reverse Locked-In Syndrome. <i>Neurocritical Care</i> , 2017, 27, 108-114.	1.2	8
75	Chronic Traumatic Encephalopathy. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2017, 28, 301-321.	0.7	14
76	Emergency Neurological Life Support: Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2017, 27, 116-123.	1.2	7
77	Early detection of consciousness in patients with acute severe traumatic brain injury. <i>Brain</i> , 2017, 140, 2399-2414.	3.7	244
78	The Brainstem in Emotion: A Review. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 15.	0.9	141
79	Functional MRI Motor Imagery Tasks to Detect Command Following in Traumatic Disorders of Consciousness. <i>Frontiers in Neurology</i> , 2017, 8, 688.	1.1	32
80	Functional Networks in Disorders of Consciousness. <i>Seminars in Neurology</i> , 2017, 37, 485-502.	0.5	65
81	Q&space truncation and sampling in diffusion spectrum imaging. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 1750-1763.	1.9	13
82	Longitudinal Diffusion Tensor Imaging Detects Recovery of Fractional Anisotropy Within Traumatic Axonal Injury Lesions. <i>Neurocritical Care</i> , 2016, 24, 342-352.	1.2	14
83	Bringing posttraumatic sleep"wake disorders out of the dark. <i>Neurology</i> , 2016, 86, 1934-1935.	1.5	0
84	Diagnosis of Acute Neurologic Emergencies in Pregnant and Postpartum Women. <i>Emergency Medicine Clinics of North America</i> , 2016, 34, 943-965.	0.5	7
85	A human brain network derived from coma-causing brainstem lesions. <i>Neurology</i> , 2016, 87, 2427-2434.	1.5	187
86	Diffusion tensor imaging in acute-to-subacute traumatic brain injury: a longitudinal analysis. <i>BMC Neurology</i> , 2016, 16, 2.	0.8	55
87	Default Mode Network Perfusion in Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016, 25, 237-242.	1.2	5
88	The Structural Connectome of the Human Central Homeostatic Network. <i>Brain Connectivity</i> , 2016, 6, 187-200.	0.8	82
89	Diagnostic, Prognostic, and Advanced Imaging in Severe Traumatic Brain Injury. <i>Current Trauma Reports</i> , 2015, 1, 133-146.	0.6	5
90	Toward an <i>In Vivo</i> Neuroimaging Template of Human Brainstem Nuclei of the Ascending Arousal, Autonomic, and Motor Systems. <i>Brain Connectivity</i> , 2015, 5, 597-607.	0.8	68

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91	Blowing the whistle on sports concussions. <i>Neurology</i> , 2015, 85, 1442-1443.	1.5	3
92	Authors' Reply:. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 268.2-269.	0.9	0
93	Continuous Optical Monitoring of Cerebral Hemodynamics During Head-of-Bed Manipulation in Brain-Injured Adults. <i>Neurocritical Care</i> , 2014, 20, 443-453.	1.2	56
94	Unexpected Recovery of Function After Severe Traumatic Brain Injury: The Limits of Early Neuroimaging-Based Outcome Prediction. <i>Neurocritical Care</i> , 2013, 19, 364-375.	1.2	37
95	Functional MRI and Outcome in Traumatic Coma. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 375.	2.0	33
96	Hippocampal Magnetic Resonance Imaging Abnormalities in Cardiac Arrest are Associated with Poor Outcome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, 899-905.	0.7	41
97	The Human Connectome Project and beyond: Initial applications of 300mT/m gradients. <i>NeuroImage</i> , 2013, 80, 234-245.	2.1	309
98	Advanced Neuroimaging in Traumatic Brain Injury. <i>Seminars in Neurology</i> , 2013, 32, 374-400.	0.5	27
99	Disconnection of the Ascending Arousal System in Traumatic Coma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 505-523.	0.9	118
100	Steroid Responsive A3243G Mutation MELAS. <i>Neurologist</i> , 2012, 18, 159-170.	0.4	18
101	Neuroanatomic Connectivity of the Human Ascending Arousal System Critical to Consciousness and Its Disorders. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 531-546.	0.9	353
102	The Pattern and Pace of Hyperacute Hemorrhage Expansion. <i>Neurocritical Care</i> , 2012, 17, 250-254.	1.2	14
103	Outcome in Patients with H1N1 Influenza and Cerebrovascular Injury Treated with Extracorporeal Membrane Oxygenation. <i>Neurocritical Care</i> , 2011, 15, 156-160.	1.2	41
104	Noninvasive Measurement of Cerebral Blood Flow and Blood Oxygenation Using Near-Infrared and Diffuse Correlation Spectroscopies in Critically Brain-Injured Adults. <i>Neurocritical Care</i> , 2010, 12, 173-180.	1.2	255
105	Posterior Circulation Stroke after C1-C2 Intraarticular Facet Steroid Injection: Evidence for Diffuse Microvascular Injury. <i>Anesthesiology</i> , 2010, 112, 1532-1535.	1.3	42
106	Teaching NeuroImages: Restricted diffusion in the corpus callosum after traumatic diffuse axonal injury. <i>Neurology</i> , 2010, 75, e69-e69.	1.5	2
107	The effects of healthy aging on cerebral hemodynamic responses to posture change. <i>Physiological Measurement</i> , 2010, 31, 477-495.	1.2	60
108	Physiological Modulations in Arterial Spin Labeling Perfusion Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 703-709.	5.4	42

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109	Transcranial optical monitoring of cerebrovascular hemodynamics in acute stroke patients. Optics Express, 2009, 17, 3884.	1.7	149
110	Reversible Cerebral Vasoconstriction Syndrome Associated with Subarachnoid Hemorrhage. Neurocritical Care, 2007, 7, 203-210.	1.2	55
111	Recurring Polysomatic Hemangiomas: A New Syndrome?. Journal of Pediatric Hematology/Oncology, 2006, 28, 471-475.	0.3	4
112	Response: Letter to the Editor - Bodien et al. Journal of Neurotrauma, 0, , .	1.7	0