

Miranda M Lim

List of Publications by Year in descending order

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75
papers

5,363
citations

186265

28
h-index

98798

67
g-index

80
all docs

80
docs citations

80
times ranked

6564
citing authors

#	ARTICLE	IF	CITATIONS
1	The Bidirectional Link Between Sleep Disturbances and Traumatic Brain Injury Symptoms: A Role for Glymphatic Dysfunction?. <i>Biological Psychiatry</i> , 2022, 91, 478-487.	1.3	13
2	Unobtrusive Sensing Technology Detects Ecologically Valid Spatiotemporal Patterns of Daily Routines Distinctive to Persons With Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2077-2084.	3.6	13
3	Validation of Visually Identified Muscle Potentials during Human Sleep Using High Frequency/Low Frequency Spectral Power Ratios. <i>Sensors</i> , 2022, 22, 55.	3.8	0
4	Association Between Mild Cognitive Impairment and Seasonal Rest-Activity Patterns of Older Adults. <i>Frontiers in Digital Health</i> , 2022, 4, 809370.	2.8	2
5	Feasibility and preliminary efficacy for morning bright light therapy to improve sleep and plasma biomarkers in US Veterans with TBI. A prospective, open-label, single-arm trial. <i>PLoS ONE</i> , 2022, 17, e0262955.	2.5	7
6	Dietary Supplementation With Branched Chain Amino Acids to Improve Sleep in Veterans With Traumatic Brain Injury: A Randomized Double-Blind Placebo-Controlled Pilot and Feasibility Trial. <i>Frontiers in Systems Neuroscience</i> , 2022, 16, .	2.5	6
7	Sleep and Executive Functioning in Pediatric Traumatic Brain Injury Survivors after Critical Care. <i>Children</i> , 2022, 9, 748.	1.5	2
8	The relationship between depressive symptoms, somatic complaints, and concussion history with poor sleep in collegiate athletes. <i>Sleep Health</i> , 2021, 7, 43-48.	2.5	13
9	Early life sleep disruption alters glutamate and dendritic spines in prefrontal cortex and impairs cognitive flexibility in prairie voles. <i>Current Research in Neurobiology</i> , 2021, 2, 100020.	2.3	11
10	A Raspberry Pi-Based Traumatic Brain Injury Detection System for Single-Channel Electroencephalogram. <i>Sensors</i> , 2021, 21, 2779.	3.8	12
11	Onset of Skin, Gut, and Genitourinary Prodromal Parkinson's Disease: A Study of 1.5 Million Veterans. <i>Movement Disorders</i> , 2021, 36, 2094-2103.	3.9	20
12	Morning bright light therapy for sleep to augment cognitive rehabilitation in Veterans with comorbid traumatic brain injury and post-traumatic stress disorder: A pilot study. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
13	799 Automated Detection of Slow Wave Coherence in Sleep EEG: A potential neurophysiological correlate of cognitive decline. <i>Sleep</i> , 2021, 44, A311-A311.	1.1	0
14	Systematic Review and Methodological Considerations for the Use of Single Prolonged Stress and Fear Extinction Retention in Rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 652636.	2.0	17
15	820 An Unusual Case of Post-Traumatic Brain Injury Kleine-Levin Syndrome with Anti-GAD-65 Autoantibodies. <i>Sleep</i> , 2021, 44, A320-A320.	1.1	1
16	252 Non-Invasive Quantification of Human Brain Lactate Concentrations Across Sleep-Wake Cycles. <i>Sleep</i> , 2021, 44, A101-A102.	1.1	0
17	Emfit Bed Sensor Activity Shows Strong Agreement with Wrist Actigraphy for the Assessment of Sleep in the Home Setting. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1157-1166.	2.7	4
18	Different Methods for Traumatic Brain Injury Diagnosis Influence Presence and Symptoms of Post-Concussive Syndrome in United States Veterans. <i>Journal of Neurotrauma</i> , 2021, 38, 3126-3136.	3.4	5

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19	In-Home Mobility Frequency and Stability in Older Adults Living Alone With or Without MCI: Introduction of New Metrics. <i>Frontiers in Digital Health</i> , 2021, 3, 764510.	2.8	13
20	Investigation of Machine Learning and Deep Learning Approaches for Detection of Mild Traumatic Brain Injury from Human Sleep Electroencephalogram. , 2021, 2021, 6134-6137.		1
21	Posttraumatic stress disorder increases the odds of REM sleep behavior disorder and other parasomnias in Veterans with and without comorbid traumatic brain injury. <i>Sleep</i> , 2020, 43, .	1.1	54
22	Sleep-Wake Disturbances After Acquired Brain Injury in Children Surviving Critical Care. <i>Pediatric Neurology</i> , 2020, 103, 43-51.	2.1	15
23	Classification of Electroencephalogram in a Mouse Model of Traumatic Brain Injury Using Machine Learning Approaches. , 2020, 2020, 3335-3338.		4
24	Excitability, Inhibition, and Neurotransmitter Levels in the Motor Cortex of Symptomatic and Asymptomatic Individuals Following Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 683.	2.4	10
25	Investigation of Machine Learning Approaches for Traumatic Brain Injury Classification via EEG Assessment in Mice. <i>Sensors</i> , 2020, 20, 2027.	3.8	20
26	Early life sleep disruption is a risk factor for increased ethanol drinking after acute footshock stress in prairie voles.. <i>Behavioral Neuroscience</i> , 2020, 134, 424-434.	1.2	6
27	Blast Exposure Impairs Sensory Gating: Evidence from Measures of Acoustic Startle and Auditory Event-Related Potentials. <i>Journal of Neurotrauma</i> , 2019, 36, 702-712.	3.4	15
28	Effects of traumatic brain injury on sleep and enlarged perivascular spaces. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2258-2267.	4.3	44
29	Linking Traumatic Brain Injury, Sleep Disruption and Post-Traumatic Headache: a Potential Role for Glymphatic Pathway Dysfunction. <i>Current Pain and Headache Reports</i> , 2019, 23, 62.	2.9	60
30	Effects of sleep disruption on stress, nigrostriatal markers, and behavior in a chronic/progressive MPTP male mouse model of parkinsonism. <i>Journal of Neuroscience Research</i> , 2019, 97, 1706-1719.	2.9	5
31	0869 Morning Bright Light Improves Insomnia, Mood, And Pain In Veterans With TBI And PTSD. <i>Sleep</i> , 2019, 42, A349-A349.	1.1	1
32	Strong correlation of novel sleep electroencephalography coherence markers with diagnosis and severity of posttraumatic stress disorder. <i>Scientific Reports</i> , 2019, 9, 4247.	3.3	12
33	Early-life sleep disruption increases parvalbumin in primary somatosensory cortex and impairs social bonding in prairie voles. <i>Science Advances</i> , 2019, 5, eaav5188.	10.3	44
34	Categorizing Sleep in Older Adults with Wireless Activity Monitors Using LSTM Neural Networks. , 2019, 2019, 3368-3372.		3
35	Acoustic prepulse inhibition in male and female prairie voles: Implications for models of neuropsychiatric illness. <i>Behavioural Brain Research</i> , 2019, 360, 298-302.	2.2	4
36	Overlooked Implications of Disturbed Sleep in Traumatic Brain Injury. <i>JAMA Neurology</i> , 2019, 76, 114.	9.0	2

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37	Dietary therapy restores glutamatergic input to orexin/hypocretin neurons after traumatic brain injury in mice. <i>Sleep</i> , 2018, 41, .	1.1	24
38	Alzheimer's Disease and Sleepâ€“Wake Disturbances: Amyloid, Astrocytes, and Animal Models. <i>Journal of Neuroscience</i> , 2018, 38, 2901-2910.	3.6	56
39	Increased Sleep Disturbances and Pain in Veterans With Comorbid Traumatic Brain Injury and Posttraumatic Stress Disorder. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1865-1878.	2.6	48
40	Sleep Disturbances in Traumatic Brain Injury: Associations With Sensory Sensitivity. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1177-1186.	2.6	19
41	Sleep disturbance after pediatric traumatic brain injury: critical knowledge gaps remain for the critically injured. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 225-228.	2.7	15
42	Gait and Conditioned Fear Impairments in a Mouse Model of Comorbid TBI and PTSD. <i>Behavioural Neurology</i> , 2018, 2018, 1-10.	2.1	16
43	Sensory Sensitivity in TBI: Implications for Chronic Disability. <i>Current Neurology and Neuroscience Reports</i> , 2018, 18, 56.	4.2	25
44	The Dynamics of Concussion: Mapping Pathophysiology, Persistence, and Recovery With Causal-Loop Diagramming. <i>Frontiers in Neurology</i> , 2018, 9, 203.	2.4	62
45	Sleep Quality and Emotion Regulation Interact to Predict Anxiety in Veterans with PTSD. <i>Behavioural Neurology</i> , 2018, 2018, 1-10.	2.1	25
46	Trauma-Associated Sleep Disturbances: a Distinct Sleep Disorder?. <i>Current Sleep Medicine Reports</i> , 2018, 4, 143-148.	1.4	17
47	EEG slow waves in traumatic brain injury: Convergent findings in mouse and man. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 2, 59-70.	2.8	44
48	Sleep-Wake Disturbances After Traumatic Brain Injury: Synthesis of Human and Animal Studies. <i>Sleep</i> , 2017, 40, .	1.1	102
49	Sleep Disturbances in TBI and PTSD and Potential Risk of Neurodegeneration. <i>Current Sleep Medicine Reports</i> , 2017, 3, 179-192.	1.4	2
50	[P1â€“302]: DISRUPTED INFRADIAN RHYTHMS IN MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2017, 13, P368.	0.8	1
51	Concussion As a Multi-Scale Complex System: An Interdisciplinary Synthesis of Current Knowledge. <i>Frontiers in Neurology</i> , 2017, 8, 513.	2.4	96
52	Sleep Pathology in Creutzfeldt-Jakob Disease. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 1033-1039.	2.6	35
53	Sleep Features on Continuous Electroencephalography Predict Rehabilitation Outcomes After Severe Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2016, 31, 101-107.	1.7	34
54	A reply to â€œTo travel or not to travel: The modern day struggle of the academic researcherâ€œ. <i>Annals of Neurology</i> , 2016, 79, 333-333.	5.3	0

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55	Phasic Sleep Events Shape Cognitive Function after Traumatic Brain Injury: Implications for the Study of Sleep in Neurodevelopmental Disorders. <i>AIMS Neuroscience</i> , 2016, 3, 232-236.	2.3	1
56	EEG slow waves in traumatic brain injury: Convergent findings in mouse and man. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2016, 1, .	2.8	8
57	Efficacy, Dosage, and Duration of Action of Branched Chain Amino Acid Therapy for Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2015, 6, 73.	2.4	25
58	Neurobiology of Arousal and Sleep: Updates and Insights Into Neurological Disorders. <i>Current Sleep Medicine Reports</i> , 2015, 1, 91-100.	1.4	20
59	The sleep-wake cycle and Alzheimer's disease: what do we know?. <i>Neurodegenerative Disease Management</i> , 2014, 4, 351-362.	2.2	118
60	Role of magnetic resonance imaging, cerebrospinal fluid, and electroencephalogram in diagnosis of sporadic Creutzfeldt-Jakob disease. <i>Journal of Neurology</i> , 2013, 260, 498-506.	3.6	38
61	Dietary Therapy Mitigates Persistent Wake Deficits Caused by Mild Traumatic Brain Injury. <i>Science Translational Medicine</i> , 2013, 5, 215ra173.	12.4	90
62	Circadian clock proteins regulate neuronal redox homeostasis and neurodegeneration. <i>Journal of Clinical Investigation</i> , 2013, 123, 5389-5400.	8.2	393
63	Controlled Cortical Impact Traumatic Brain Injury Acutely Disrupts Wakefulness and Extracellular Orexin Dynamics as Determined by Intracerebral Microdialysis in Mice. <i>Journal of Neurotrauma</i> , 2012, 29, 1908-1921.	3.4	66
64	Sleep deprivation differentially affects dopamine receptor subtypes in mouse striatum. <i>NeuroReport</i> , 2011, 22, 489-493.	1.2	36
65	Evaluation of 5-ethynyl-2-deoxyuridine staining as a sensitive and reliable method for studying cell proliferation in the adult nervous system. <i>Brain Research</i> , 2010, 1319, 21-32.	2.2	172
66	Amyloid- β Dynamics Are Regulated by Orexin and the Sleep-Wake Cycle. <i>Science</i> , 2009, 326, 1005-1007.	12.6	1,222
67	CRF receptors in the nucleus accumbens modulate partner preference in prairie voles. <i>Hormones and Behavior</i> , 2007, 51, 508-515.	2.1	81
68	Neuropeptidergic regulation of affiliative behavior and social bonding in animals. <i>Hormones and Behavior</i> , 2006, 50, 506-517.	2.1	558
69	Distribution of Corticotropin-Releasing Factor and Urocortin 1 in the Vole Brain. <i>Brain, Behavior and Evolution</i> , 2006, 68, 229-240.	1.7	40
70	Species differences in brain distribution of CART mRNA and CART peptide between prairie and meadow voles. <i>Brain Research</i> , 2005, 1048, 12-23.	2.2	19
71	Species and sex differences in brain distribution of corticotropin-releasing factor receptor subtypes 1 and 2 in monogamous and promiscuous vole species. <i>Journal of Comparative Neurology</i> , 2005, 487, 75-92.	1.6	85
72	Neuropeptides and the social brain: potential rodent models of autism. <i>International Journal of Developmental Neuroscience</i> , 2005, 23, 235-243.	1.6	122

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73	Enhanced partner preference in a promiscuous species by manipulating the expression of a single gene. <i>Nature</i> , 2004, 429, 754-757.	27.8	598
74	Ventral striatopallidal oxytocin and vasopressin V1a receptors in the monogamous prairie vole (<i>Microtus ochrogaster</i>). <i>Journal of Comparative Neurology</i> , 2004, 468, 555-570.	1.6	148
75	Cellular Mechanisms of Social Attachment. <i>Hormones and Behavior</i> , 2001, 40, 133-138.	2.1	457