

Nadia Gosselin

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

3,134
citations

172386

29
h-index

175177

52
g-index

96
all docs

96
docs citations

96
times ranked

3643
citing authors

#	ARTICLE	IF	CITATIONS
1	Montreal Archive of Sleep Studies: an open access resource for instrument benchmarking and exploratory research. <i>Journal of Sleep Research</i> , 2014, 23, 628-635.	1.7	207
2	Obstructive Sleep Apnea Severity Affects Amyloid Burden in Cognitively Normal Elderly. A Longitudinal Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 933-943.	2.5	174
3	Sleep following sport-related concussions. <i>Sleep Medicine</i> , 2009, 10, 35-46.	0.8	172
4	Cognitive impairment in obstructive sleep apnea. <i>Pathologie Et Biologie</i> , 2014, 62, 233-240.	2.2	166
5	Neurophysiological Anomalies in Symptomatic and Asymptomatic Concussed Athletes. <i>Neurosurgery</i> , 2006, 58, 1151-1161.	0.6	165
6	Comparison of functional outcome following acute care in young, middle-aged and elderly patients with traumatic brain injury. <i>Brain Injury</i> , 2006, 20, 779-790.	0.6	139
7	Electrophysiology and Functional MRI in Post-Acute Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 329-341.	1.7	106
8	Normative Data for the Montreal Cognitive Assessment in Middle-Aged and Elderly Quebec-French People. <i>Archives of Clinical Neuropsychology</i> , 2016, 31, 819-826.	0.3	104
9	Obstructive Sleep Apnea and the Risk of Cognitive Decline in Older Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 142-148.	2.5	88
10	Gray Matter Hypertrophy and Thickening with Obstructive Sleep Apnea in Middle-aged and Older Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1509-1518.	2.5	83
11	Brain perfusion and markers of neurodegeneration in rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2011, 26, 1717-1724.	2.2	78
12	Brain perfusion anomalies in rapid eye movement sleep behavior disorder with mild cognitive impairment. <i>Movement Disorders</i> , 2012, 27, 1255-1261.	2.2	77
13	Regional Cerebral Blood Flow during Wakeful Rest in Older Subjects with Mild to Severe Obstructive Sleep Apnea. <i>Sleep</i> , 2015, 38, 1439-1449.	0.6	77
14	Electrophysiological abnormalities in well functioning multiple concussed athletes. <i>Brain Injury</i> , 2009, 23, 899-906.	0.6	72
15	Rest-Activity Cycle Disturbances in the Acute Phase of Moderate to Severe Traumatic Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 472-482.	1.4	71
16	Sleep and wake disturbances following traumatic brain injury. <i>Pathologie Et Biologie</i> , 2014, 62, 252-261.	2.2	69
17	Biomarkers of dementia in obstructive sleep apnea. <i>Sleep Medicine Reviews</i> , 2018, 42, 139-148.	3.8	63
18	Sleep oscillation-specific associations with Alzheimer's disease CSF biomarkers: novel roles for sleep spindles and tau. <i>Molecular Neurodegeneration</i> , 2019, 14, 10.	4.4	61

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19	Inter- and Intra-hemispheric Processing of Visual Event-related Potentials in the Absence of the Corpus Callosum. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 401-414.	1.1	58
20	Quantitative EEG of Rapid-Eye-Movement Sleep. <i>Clinical EEG and Neuroscience</i> , 2016, 47, 134-141.	0.9	58
21	Effects of menopause on sleep quality and sleep disorders: Canadian Longitudinal Study on Aging. <i>Menopause</i> , 2020, 27, 295-304.	0.8	48
22	Attentional deficits in patients with obstructive sleep apnea syndrome: An event-related potential study. <i>Clinical Neurophysiology</i> , 2006, 117, 2228-2235.	0.7	47
23	The impact of poor sleep on cognition and activities of daily living after traumatic brain injury: A review. <i>Australian Occupational Therapy Journal</i> , 2015, 62, 2-12.	0.6	38
24	EEG Functional Connectivity Prior to Sleepwalking: Evidence of Interplay Between Sleep and Wakefulness. <i>Sleep</i> , 2017, 40, .	0.6	38
25	Parallel recovery of consciousness and sleep in acute traumatic brain injury. <i>Neurology</i> , 2017, 88, 268-275.	1.5	38
26	Impact of traumatic brain injury on sleep structure, electrocorticographic activity and transcriptome in mice. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 118-130.	2.0	35
27	Sleep in the Acute Phase of Severe Traumatic Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 713-721.	1.4	35
28	Obstructive Sleep Apnea and Cognitive Decline: A Review of Potential Vulnerability and Protective Factors. <i>Brain Sciences</i> , 2021, 11, 706.	1.1	34
29	Independence in managing one's finances after traumatic brain injury. <i>Brain Injury</i> , 2011, 25, 1306-1317.	0.6	31
30	Brain Functions After Sports-Related Concussion: Insights From Event-Related Potentials and Functional MRI. <i>Physician and Sportsmedicine</i> , 2010, 38, 27-37.	1.0	30
31	BDNF Val66Met Polymorphism Interacts with Sleep Consolidation to Predict Ability to Create New Declarative Memories. <i>Journal of Neuroscience</i> , 2016, 36, 8390-8398.	1.7	29
32	Individuals with pain need more sleep in the early stage of mild traumatic brain injury. <i>Sleep Medicine</i> , 2017, 33, 36-42.	0.8	27
33	Obstructive Sleep Apnea and the Brain: a Focus on Gray and White Matter Structure. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 11.	2.0	27
34	Deficits in involuntary attention switching in obstructive sleep apnea syndrome. <i>Neuroscience Letters</i> , 2006, 408, 73-78.	1.0	26
35	Are NREM sleep characteristics associated to subjective sleep complaints after mild traumatic brain injury?. <i>Sleep Medicine</i> , 2015, 16, 534-539.	0.8	26
36	Obstructive sleep apnea during REM sleep and daytime cerebral functioning: A regional cerebral blood flow study using high-resolution SPECT. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1230-1241.	2.4	24

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37	Detection of mild cognitive impairment in middle-aged and older adults with obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2018, 52, 1801137.	3.1	23
38	Clock Drawing and Mini-Mental State Examination in Patients with Traumatic Brain Injury. <i>Applied Neuropsychology</i> , 2011, 18, 179-190.	1.5	22
39	Incidence rate of mild traumatic brain injury among patients who have suffered from an isolated limb fracture: Upper limb fracture patients are more at risk. <i>Injury</i> , 2016, 47, 1835-1840.	0.7	22
40	Brain white matter damage and its association with neuronal synchrony during sleep. <i>Brain</i> , 2019, 142, 674-687.	3.7	22
41	The association between white matter and sleep spindles differs in young and older individuals. <i>Sleep</i> , 2018, 41, .	0.6	21
42	Cerebral white matter diffusion properties and freeâ€œwater with obstructive sleep apnea severity in older adults. <i>Human Brain Mapping</i> , 2020, 41, 2686-2701.	1.9	21
43	Self-Generated Strategic Behavior in an Ecological Shopping Task. <i>American Journal of Occupational Therapy</i> , 2014, 68, 67-76.	0.1	20
44	Association between risk of obstructive sleep apnea, inflammation and cognition after 45 years old in the Canadian Longitudinal Study on Aging. <i>Sleep Medicine</i> , 2022, 91, 21-30.	0.8	18
45	The Influence of Pain on Cerebral Functioning after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 2625-2634.	1.7	17
46	Abnormal occipital event-related potentials in Parkinson's disease with concomitant REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 212-217.	1.1	17
47	Disconnection Between Self-Reported and Objective Cognitive Impairment in Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 409-415.	1.4	17
48	Sleep-wake disturbances in hospitalized patients with traumatic brain injury: association with brain trauma but not with an abnormal melatonin circadian rhythm. <i>Sleep</i> , 2020, 43, .	0.6	17
49	The clinical utility of repetitive transcranial magnetic stimulation in reducing the risks of transitioning from acute to chronic pain in traumatically injured patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 87, 322-331.	2.5	16
50	Validity of actigraphy for nighttime sleep monitoring in hospitalized patients with traumatic injuries. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 185-192.	1.4	16
51	A portrait of obstructive sleep apnea risk factors in 27,210 middle-aged and older adults in the Canadian Longitudinal Study on Aging. <i>Scientific Reports</i> , 2022, 12, 5127.	1.6	16
52	Evolution of severe sleep-wake cycle disturbances following traumatic brain injury: a case study in both acute and subacute phases post-injury. <i>BMC Neurology</i> , 2016, 16, 186.	0.8	14
53	Microstructural Integrity of Hippocampal Subregions Is Impaired after Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1402-1411.	1.7	14
54	Changes in Regional Cerebral Perfusion Over Time in Idiopathic <sc>REM</sc> Sleep Behavior Disorder. <i>Movement Disorders</i> , 2020, 35, 1475-1481.	2.2	14

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55	Neuroanatomical correlates of the clock drawing test in patients with traumatic brain injury. <i>Brain Injury</i> , 2010, 24, 1568-1574.	0.6	12
56	A Longitudinal Investigation of Sleep and Daytime Wakefulness in Children and Youth With Concussion. <i>ASN Neuro</i> , 2019, 11, 175909141882240.	1.5	12
57	Towards a better understanding of increased sleep duration in the chronic phase of moderate to severe traumatic brain injury: an actigraphy study. <i>Sleep Medicine</i> , 2019, 59, 67-75.	0.8	12
58	EEG connectivity across sleep cycles and age. <i>Sleep</i> , 2020, 43, .	0.6	11
59	Sleeping at the switch. <i>ELife</i> , 2021, 10, .	2.8	11
60	Cerebral functional networks during sleep in young and older individuals. <i>Scientific Reports</i> , 2021, 11, 4905.	1.6	10
61	Visual Fixation in the ICU. <i>Critical Care Medicine</i> , 2016, 44, e1186-e1193.	0.4	9
62	The impact of symptomatic mild traumatic brain injury on complex everyday activities and the link with alterations in cerebral functioning: Exploratory case studies. <i>Neuropsychological Rehabilitation</i> , 2017, 27, 871-890.	1.0	9
63	Brain perfusion during rapid-eye-movement sleep successfully identifies amnesic mild cognitive impairment. <i>Sleep Medicine</i> , 2017, 34, 134-140.	0.8	8
64	Moderate to severe acute pain disturbs motor cortex intracortical inhibition and facilitation in orthopedic trauma patients: A TMS study. <i>PLoS ONE</i> , 2020, 15, e0226452.	1.1	8
65	Longitudinal changes in regional cerebral blood flow in late middle-aged and older adults with treated and untreated obstructive sleep apnea. <i>Human Brain Mapping</i> , 2021, 42, 3429-3439.	1.9	8
66	Association between waking electroencephalography and cognitive event-related potentials in patients with obstructive sleep apnea. <i>Sleep Medicine</i> , 2013, 14, 685-687.	0.8	7
67	Does age matter? A mixed methods study examining determinants of good recovery and resilience in young and middle-aged adults following moderate-to-severe traumatic brain injury. <i>Journal of Advanced Nursing</i> , 2017, 73, 3133-3143.	1.5	7
68	Menopause, hormone replacement and RR and QT modulation during sleep. <i>Sleep Medicine</i> , 2005, 6, 561-566.	0.8	6
69	Comorbid mild traumatic brain injury increases pain symptoms in patients suffering from an isolated limb fracture. <i>Injury</i> , 2017, 48, 1927-1931.	0.7	6
70	Investigating the incidence and magnitude of heterotopic ossification with and without joints involvement in patients with a limb fracture and mild traumatic brain injury. <i>Bone Reports</i> , 2019, 11, 100222.	0.2	6
71	Sleep from acute to chronic traumatic brain injury and cognitive outcomes. <i>Sleep</i> , 2022, 45, .	0.6	6
72	Sleep spindles are resilient to extensive white matter deterioration. <i>Brain Communications</i> , 2020, 2, fcaa071.	1.5	5

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73	Cognition and functional performance in daily activities before and after pontine and extrapontine myelinolysis: A case study. <i>Neurocase</i> , 2012, 18, 496-502.	0.2	3
74	Altered Episodic Memory in Introverted Young Adults Carrying the BDNF Met Allele. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1886.	1.8	3
75	Insomnia following a mild traumatic brain injury: a missing piece to the work disability puzzle?. <i>Sleep Medicine</i> , 2016, 20, 155-156.	0.8	3
76	Effects of concomitant mild traumatic brain injury on resuming work after suffering from an isolated limb fracture: A cohort study. <i>Brain Injury</i> , 2017, 31, 1683-1688.	0.6	3
77	Waking EEG functional connectivity in middle-aged and older adults with obstructive sleep apnea. <i>Sleep Medicine</i> , 2020, 75, 88-95.	0.8	3
78	Slow wave activity moderates the association between new learning and traumatic brain injury severity. <i>Sleep</i> , 2021, 44, .	0.6	3
79	Influence of Obstructive Sleep Apnea on Cognitive Impairment in Patients With COPD: Response. <i>Chest</i> , 2013, 143, 1512-1513.	0.4	2
80	Pathophysiology of Sleep-Wake Disturbances After Traumatic Brain Injury. , 2017, , 260-269.e4.		2
81	Detection of mild cognitive impairment in middle-aged and older adults with obstructive sleep apnoea: does excessive daytime sleepiness play a role?. <i>European Respiratory Journal</i> , 2019, 53, 1802113.	3.1	2
82	Neuroinflammation is associated with non-REM sleep reduction in individuals without dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e046636.	0.4	2
83	A Human Neuroimaging Perspective on Sleep in Normative and Pathological Ageing. <i>Current Sleep Medicine Reports</i> , 2019, 5, 1-12.	0.7	1
84	Electroencephalographic Markers of Idiopathic Hypersomnia: Where We are and Where We are Going. <i>Current Sleep Medicine Reports</i> , 2020, 6, 101-110.	0.7	1
85	Cognitive and Neurologic Aspects of Obstructive Sleep Apnea. , 2022, , 60-74.		1
86	The predictive value of a new brief cognitive test for long-term functional outcome in acute TBI. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, , .	0.5	1
87	Differential impact of obstructive sleep apnea on hippocampal structure in late middle-aged and older women and men. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
88	Reply to Kawada: Obstructive Sleep Apnea and Cognitive Decline in Older Adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1169-1170.	2.5	0
89	Obstructive sleep apnea in older adults: Differential cognitive impairment moderated by sex?. <i>Alzheimer's and Dementia</i> , 2020, 16, e038046.	0.4	0
90	Cerebral amyloid deposition correlates with objectively measured sleep dysfunction. <i>Alzheimer's and Dementia</i> , 2020, 16, e045395.	0.4	0

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91	Long-term discourse outcomes and their relationship to white matter damage in moderate to severe adulthood traumatic brain injury. <i>Brain and Language</i> , 2020, 204, 104769.	0.8	0
92	Associations between REM sleep EEG spectral power, the cholinergic basal forebrain volume and episodic memory in ageing. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0