

Gilles J Lavigne

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

2,212
citations

21
h-index

46
g-index

76
ext. papers

2,706
ext. citations

3.3
avg, IF

5.01
L-index

#	Paper	IF	Citations
71	Clinical, polysomnographic, and genetic characteristics of restless legs syndrome: a study of 133 patients diagnosed with new standard criteria. <i>Movement Disorders</i> , 1997 , 12, 61-5	7	74 ⁸
70	Sleep bruxism: a comprehensive overview for the dental clinician interested in sleep medicine. <i>Dental Clinics of North America</i> , 2012 , 56, 387-413	3.3	142
69	Genesis of sleep bruxism: motor and autonomic-cardiac interactions. <i>Archives of Oral Biology</i> , 2007 , 52, 381-4	2.8	142
68	Postoperative sleep disruptions: a potential catalyst of acute pain?. <i>Sleep Medicine Reviews</i> , 2014 , 18, 273-82	10.2	76
67	The Scoring of Movements in Sleep. <i>Journal of Clinical Sleep Medicine</i> , 2007 , 03, 155-167	3.1	73
66	A significant increase in breathing amplitude precedes sleep bruxism. <i>Chest</i> , 2008 , 134, 332-337	5.3	67
65	Sleep Bruxism in Respiratory Medicine Practice. <i>Chest</i> , 2016 , 149, 262-71	5.3	56
64	Reduction of sleep bruxism using a mandibular advancement device: an experimental controlled study. <i>International Journal of Prosthodontics</i> , 2006 , 19, 549-56	1.9	54
63	Pain and sleep in post-concussion/mild traumatic brain injury. <i>Pain</i> , 2015 , 156 Suppl 1, S75-S85	8	52
62	Reliability of scoring EMG orofacial events: polysomnography compared with ambulatory recordings. <i>Journal of Sleep Research</i> , 1997 , 6, 259-63	5.8	52
61	Effect of an adjustable mandibular advancement appliance on sleep bruxism: a crossover sleep laboratory study. <i>International Journal of Prosthodontics</i> , 2009 , 22, 251-9	1.9	52
60	Sleep and pain: recent insights, mechanisms, and future directions in the investigation of this relationship. <i>Journal of Neural Transmission</i> , 2020 , 127, 647-660	4.3	49
59	Diagnostic accuracy of sleep bruxism scoring in absence of audio-video recording: a pilot study. <i>Sleep and Breathing</i> , 2015 , 19, 183-90	3.1	44
58	Sleep Bruxism-Tooth Grinding Prevalence, Characteristics and Familial Aggregation: A Large Cross-Sectional Survey and Polysomnographic Validation. <i>Sleep</i> , 2016 , 39, 2049-2056	1.1	41
57	Weak association between sleep bruxism and obstructive sleep apnea. A sleep laboratory study. <i>Sleep and Breathing</i> , 2016 , 20, 703-9	3.1	37
56	Temporal association between sleep apnea-hypopnea and sleep bruxism events. <i>Journal of Sleep Research</i> , 2013 , 23, 196	5.8	37
55	Transient morning headache: recognizing the role of sleep bruxism and sleep-disordered breathing. <i>Journal of the American Dental Association</i> , 2010 , 141, 297-9	1.9	32

54	Overview on Sleep Bruxism for Sleep Medicine Clinicians. <i>Sleep Medicine Clinics</i> , 2015 , 10, 375-84, xvi	3.6	31
53	Sleep, chronic pain, and opioid risk for apnea. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 87, 234-244	5.5	30
52	Review of self-reported instruments that measure sleep dysfunction in patients suffering from temporomandibular disorders and/or orofacial pain. <i>Sleep Medicine</i> , 2015 , 16, 27-38	4.6	29
51	Medium Increased Risk for Central Sleep Apnea but Not Obstructive Sleep Apnea in Long-Term Opioid Users: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 617-25 ^{3.1}	3.1	24
50	Individuals with pain need more sleep in the early stage of mild traumatic brain injury. <i>Sleep Medicine</i> , 2017 , 33, 36-42	4.6	21
49	Are NREM sleep characteristics associated to subjective sleep complaints after mild traumatic brain injury?. <i>Sleep Medicine</i> , 2015 , 16, 534-9	4.6	20
48	Quantity of opioids consumed following an emergency department visit for acute pain: a Canadian prospective cohort study. <i>BMJ Open</i> , 2018 , 8, e022649	3	19
47	The effects of non-invasive brain stimulation on sleep disturbances among different neurological and neuropsychiatric conditions: A systematic review. <i>Sleep Medicine Reviews</i> , 2021 , 55, 101381	10.2	18
46	Current views on acute to chronic pain transition in post-traumatic patients: risk factors and potential for pre-emptive treatments. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 1142-50	3.3	17
45	Non-invasive brain stimulation in chronic orofacial pain: a systematic review. <i>Journal of Pain Research</i> , 2018 , 11, 1445-1457	2.9	15
44	Pain Catastrophizing Correlates with Early Mild Traumatic Brain Injury Outcome. <i>Pain Research and Management</i> , 2016 , 2016, 2825856	2.6	15
43	Transcranial Magnetic Stimulation: Potential Use in Obstructive Sleep Apnea and Sleep Bruxism. <i>Sleep Medicine Clinics</i> , 2018 , 13, 571-582	3.6	14
42	Sleep Bruxism 2011 , 1128-1139		12
41	Early Factors Associated with the Development of Chronic Pain in Trauma Patients. <i>Pain Research and Management</i> , 2018 , 2018, 7203218	2.6	11
40	Usual and unusual orofacial motor activities associated with tooth wear. <i>International Journal of Prosthodontics</i> , 2005 , 18, 291-2	1.9	11
39	Selective REM Sleep Deprivation Improves Expectation-Related Placebo Analgesia. <i>PLoS ONE</i> , 2015 , 10, e0144992	3.7	10
38	Towards the endotyping of the sleep-pain interaction: a topical review on multitarget strategies based on phenotypic vulnerabilities and putative pathways. <i>Pain</i> , 2021 , 162, 1281-1288	8	10
37	The Face of Dental Sleep Medicine in the 21st century. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 1579-1589.4	3.4	10

36	Association between sleep bruxism and stress symptoms in adults: A systematic review and meta-analysis. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 621-631	3.4	10
35	Acute Pain Resolution After an Emergency Department Visit: A 14-Day Trajectory Analysis. <i>Annals of Emergency Medicine</i> , 2019 , 74, 224-232	2.1	9
34	Senior patients with moderate to severe pain wait longer for analgesic medication in EDs. <i>American Journal of Emergency Medicine</i> , 2014 , 32, 315-9	2.9	9
33	Changes in oxygen and carbon dioxide in the genesis of sleep bruxism: a mechanism study. <i>Journal of Prosthodontic Research</i> , 2020 , 64, 43-47	4.3	9
32	Opioid Use and Misuse Three Months After Emergency Department Visit for Acute Pain. <i>Academic Emergency Medicine</i> , 2019 , 26, 847-855	3.4	7
31	Signal acquisition and analysis of ambulatory electromyographic recordings for the assessment of sleep bruxism: A scoping review. <i>Journal of Oral Rehabilitation</i> , 2021 , 48, 846-871	3.4	7
30	Research routes on improved sleep bruxism metrics: Toward a standardised approach. <i>Journal of Sleep Research</i> , 2021 , 30, e13320	5.8	6
29	Vital Signs Are Not Associated with Self-Reported Acute Pain Intensity in the Emergency Department. <i>Canadian Journal of Emergency Medicine</i> , 2016 , 18, 19-27	0.6	6
28	Dental sleep medicine: Time to incorporate sleep apnoea education in the dental curriculum. <i>European Journal of Dental Education</i> , 2020 , 24, 605-610	2.5	6
27	Sleep Bruxism: A "Bridge" Between Dental and Sleep Medicine. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 1281-1283	3.1	6
26	The effects of mandibular advancement appliance therapy on jaw-closing muscle activity during sleep in patients with obstructive sleep apnea: a 3-6 months follow-up. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 1545-1553	3.1	5
25	Autonomic Arousals as Surrogates for Cortical Arousals Caused by Respiratory Events: A Methodological Optimization Study in the Diagnosis of Sleep Breathing Disorders. <i>Nature and Science of Sleep</i> , 2019 , 11, 423-431	3.6	5
24	Effect of sleep restriction on somatosensory sensitivity in the oro-facial area: An experimental controlled study. <i>Journal of Oral Rehabilitation</i> , 2019 , 46, 303-309	3.4	5
23	Multitargeting the sleep-pain interaction with pharmacological approaches: A narrative review with suggestions on new avenues of investigation. <i>Sleep Medicine Reviews</i> , 2021 , 59, 101459	10.2	5
22	The simple query "Do you want more pain medication?" is not a reliable way to assess acute pain relief in patients in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2018 , 20, 21-27 ^{0.6}		4
21	Determinants of probable sleep bruxism in a pediatric mixed dentition population: a multivariate analysis of mouth vs. nasal breathing, tongue mobility, and tonsil size. <i>Sleep Medicine</i> , 2021 , 77, 7-13	4.6	4
20	The effect of nocturnal wear of dentures on the sleep quality: a systematic review and meta-analysis. <i>Sleep and Breathing</i> , 2017 , 21, 9-18	3.1	3
19	Chronic Neuroleptic-Induced Parkinsonism Examined With Positron Emission Tomography. <i>Movement Disorders</i> , 2020 , 35, 1189-1198	7	3

18	Prevention of Opioid Misuse: A Summary with Suggestions from a Pain Working Group. <i>Pain Research and Management</i> , 2016 , 2016, 8708654	2.6	3
17	Opioid Poisoning and Opioid Use Disorder in Older Trauma Patients. <i>Clinical Interventions in Aging</i> , 2020 , 15, 763-770	4	2
16	Subjective sleep quality and its etiology in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2019 , 21, 249-252	0.6	2
15	Post-concussion symptoms and chronic pain after mild traumatic brain injury are modulated by multiple locus effect in the gene through the expression of antisense: A pilot prospective control study.. <i>Canadian Journal of Pain</i> , 2017 , 1, 112-126	1.5	2
14	Associations between sleep bruxism and other sleep-related disorders in adults: a systematic review. <i>Sleep Medicine</i> , 2021 , 89, 31-47	4.6	2
13	Thoughts on the 2019 American Academy of Sleep Medicine position statement on chronic opioid therapy and sleep. <i>Journal of Clinical Sleep Medicine</i> , 2020 , 16, 831-833	3.1	2
12	Effects of nocturnal wearing of dentures on the quality of sleep and oral-health-related quality in edentate elders with untreated sleep apnea: a randomized cross-over trial. <i>Sleep</i> , 2021 , 44,	1.1	2
11	Relevance of Sleep Disturbances to Orthopaedic Surgery: A Current Concepts Narrative and Practical Review. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 2045-2056	5.6	2
10	Opioid and non-opioid pain relief after an emergency department acute pain visit. <i>Canadian Journal of Emergency Medicine</i> , 2021 , 23, 342-350	0.6	2
9	Temporomandibular Disorders in Traumatic Brain Injury Patients: A Chronic Pain Condition Requiring Further Attention. <i>Pain Medicine</i> , 2020 , 21, 3260-3262	2.8	1
8	Artificial Intelligence Analysis of Mandibular Movements Enables Accurate Detection of Phasic Sleep Bruxism in OSA Patients: A Pilot Study. <i>Nature and Science of Sleep</i> , 2021 , 13, 1449-1459	3.6	0
7	Response to the letter from Professor Helena Hachul and colleagues. <i>Sleep Medicine</i> , 2017 , 37, 219-220	4.6	
6	Association between fentanyl treatment for acute pain in the emergency department and opioid use two weeks after discharge.. <i>American Journal of Emergency Medicine</i> , 2021 , 52, 137-142	2.9	
5	Could Atomoxetine-Oxybutynin, a Combination of Medications Being Explored for OSA Management, Have Any Effect on Sleep Bruxism or Jaw Muscle Tone?. <i>Chest</i> , 2021 , 159, 2117-2118	5.3	
4	Chronotype and bruxism: Should we look further and get it from the heart?. <i>Cranio - Journal of Craniomandibular Practice</i> , 2021 , 39, 457-458	1.2	
3	Usual and unusual orofacial motor activities associated with tooth wear. <i>International Journal of Prosthodontics</i> , 2003 , 16 Suppl, 80-2; discussion 89-90	1.9	
2	Knowledge transfer to patients experiencing pain and poor sleep and sleep disorder 2022 , 67-79		
1	The effects of mandibular advancement appliance therapy on the sequence of jaw-closing muscle activity and respiratory events in individuals with obstructive sleep apnea.. <i>Sleep and Breathing</i> , 2022 , 1	3.1	

