

# Sebastien Baillieul

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

677  
citations

686830

13  
h-index

610482

24  
g-index

49  
all docs

49  
docs citations

49  
times ranked

788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep-disordered breathing and ventilatory chemosensitivity in first ischaemic stroke patients: a prospective cohort study. <i>Thorax</i> , 2022, 77, 1006-1014.	2.7	3
2	Effect of a speed ascent to the top of Europe on cognitive function in elite climbers. <i>European Journal of Applied Physiology</i> , 2022, 122, 635-649.	1.2	3
3	Sleep apnoea and ischaemic stroke: current knowledge and future directions. <i>Lancet Neurology</i> , The, 2022, 21, 78-88.	4.9	41
4	Current Knowledge and Perspectives for Pharmacological Treatment in OSA. <i>Archivos De Bronconeumologia</i> , 2022, 58, 681-684.	0.4	5
5	Changes in cardiac function following a speed ascent to the top of Europe at 4808Âm. <i>European Journal of Applied Physiology</i> , 2022, 122, 889.	1.2	4
6	Effects of high intensity interval training on sustained reduction in cardiometabolic risk associated with overweight/obesity. A randomized trial. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 172-181.	0.8	9
7	Cardiac consequences of intermittent hypoxia: a matter of dose? A systematic review and meta-analysis in rodents. <i>European Respiratory Review</i> , 2022, 31, 210269.	3.0	18
8	Machine learning and geometric morphometrics to predict obstructive sleep apnea from 3D craniofacial scans. <i>Sleep Medicine</i> , 2022, 95, 76-83.	0.8	10
9	Nocturnal hypoxemia, blood pressure, vascular status and chronic mountain sickness in the highest city in the world. <i>Annals of Medicine</i> , 2022, 54, 1884-1893.	1.5	6
10	Sleep might have a pivotal role in rehabilitation medicine: A road map for care improvement and clinical research. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101392.	1.1	3
11	Effects of Repetitive Transcranial Magnetic Stimulation and Multicomponent Therapy in Patients With Fibromyalgia: A Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2021, 73, 449-458.	1.5	28
12	Effect of early sleep apnoea treatment with adaptive servo-ventilation in acute stroke patients on cerebral lesion evolution and neurological outcomes: study protocol for a multicentre, randomized controlled, rater-blinded, clinical trial (eSATIS: early Sleep Apnoea Treatment in Stroke). <i>Trials</i> , 2021, 22, 83.	0.7	7
13	A randomized sham-controlled trial on the effect of continuous positive airway pressure treatment on gait control in severe obstructive sleep apnea patients. <i>Scientific Reports</i> , 2021, 11, 9329.	1.6	3
14	Measuring Sleep, Wakefulness, and Circadian Functions in Neurologic Disorders. <i>Sleep Medicine Clinics</i> , 2021, 16, 661-671.	1.2	7
15	Cerebral haemodynamics and oxygenation during whole-body exercise over 5 days at high altitude. <i>Experimental Physiology</i> , 2021, 106, 65-75.	0.9	9
16	Hidden Markov model segmentation to demarcate trajectories of residual apnoea-hypopnoea index in CPAP-treated sleep apnoea patients to personalize follow-up and prevent treatment failure. <i>EPMA Journal</i> , 2021, 12, 535-544.	3.3	7
17	Classification of Factors Effect on Sleep in Individuals with Down Syndrome. <i>Brain Sciences</i> , 2021, 11, 1500.	1.1	3
18	Motor tract integrity predicts walking recovery. <i>Neurology</i> , 2020, 94, e583-e593.	1.5	41

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19	Excessive Erythrocytosis and Chronic Mountain Sickness in Dwellers of the Highest City in the World. <i>Frontiers in Physiology</i> , 2020, 11, 773.	1.3	21
20	ERS International Congress, Madrid, 2019: highlights from the Sleep and Clinical Physiology Assembly. <i>ERJ Open Research</i> , 2020, 6, 00373-2019.	1.1	1
21	Prevalence and determinants of residual excessive daytime sleepiness (RES) in patients treated with continuous positive airway pressure (CPAP) for obstructive sleep apnea (OSA). , 2020, , .		0
22	Nocturnal hypoxemia, ambulatory blood pressure and chronic mountains sickness in the highest city in the world. , 2020, , .		0
23	Highlights from the 2018 European Respiratory Society International Congress: sleep and clinical physiology. <i>ERJ Open Research</i> , 2019, 5, 00201-2018.	1.1	2
24	Neural substrates of reduced walking activity after supratentorial stroke: A voxel-based lesion symptom mapping study. <i>Human Movement Science</i> , 2019, 67, 102517.	0.6	1
25	Liver Fibrosis, Sleep Apnea and Cardiovascular Events in Stroke Patients. <i>Cerebrovascular Diseases</i> , 2019, 47, 309-310.	0.8	0
26	Physiological and Molecular Dissection of Daily Variance in Exercise Capacity. <i>Cell Metabolism</i> , 2019, 30, 78-91.e4.	7.2	111
27	Diagnosis and management of central sleep apnea syndrome. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 545-557.	1.0	46
28	Reshaping Sleep Apnea Care: Time for Value-based Strategies. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1501-1503.	1.5	15
29	Impaired control of gait in severe obstructive sleep apnea and continuous positive airway pressure treatment: a randomized controlled trial. , 2019, , .		1
30	Neuromuscular Dysfunction and Cortical Impairment in Sleep Apnea Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1529-1539.	0.2	17
31	Cognitive-motor dual-task interference modulates mediolateral dynamic stability during gait in post-stroke individuals. <i>Human Movement Science</i> , 2018, 58, 175-184.	0.6	27
32	TNF inhibitors improve muscle lactate production upon maximal effort in spondyloarthritis: An open labelled study. <i>Joint Bone Spine</i> , 2018, 85, 125-126.	0.8	0
33	Donner l'â€™allure de la consolidation osseuseâ€™â€™Traitement d'â€™une fracture de fatigue bilat'Â©rale du sacrum par t'Â©riparatide chez un coureur de fond. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018, 85, 212-214.	0.0	0
34	The effect of zolpidem on cognitive function and postural control at high altitude. <i>Sleep</i> , 2018, 41, .	0.6	2
35	Impaired cerebral oxygenation and exercise tolerance in patients with severe obstructive sleep apnea syndrome. <i>Sleep Medicine</i> , 2018, 51, 37-46.	0.8	18
36	Impaired cerebral oxygenation and exercise tolerance in patients with severe obstructive sleep apnoea syndrome. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	Continuous positive airway pressure improves gait control in severe obstructive sleep apnoea: A prospective study. PLoS ONE, 2018, 13, e0192442.	1.1	7
38	Hypoxic conditioning and the central nervous system: A new therapeutic opportunity for brain and spinal cord injuries?. Experimental Biology and Medicine, 2017, 242, 1198-1206.	1.1	66
39	Set the pace of bone healing – Treatment of a bilateral sacral stress fracture using teriparatide in a long-distance runner. Joint Bone Spine, 2017, 84, 499-500.	0.8	10
40	Reduced voluntary activation and increased intracortical inhibition during leg extensions in severe obstructive sleep apnoea patients. , 2017, , .		0
41	Physiological Responses to Two Hypoxic Conditioning Strategies in Healthy Subjects. Frontiers in Physiology, 2016, 7, 675.	1.3	20
42	Impaired control of gait in patients with severe obstructive sleep apnea is reversed by continuous positive airway pressure treatment. , 2016, , .		0
43	Hypoxic Conditioning as a New Therapeutic Modality. Frontiers in Pediatrics, 2015, 3, 58.	0.9	97