

# 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	Physiological and Molecular Dissection of Daily Variance in Exercise Capacity. <i>Cell Metabolism</i> , 2019, 30, 78-91.e4.	7.2	111
2	Hypoxic Conditioning as a New Therapeutic Modality. <i>Frontiers in Pediatrics</i> , 2015, 3, 58.	0.9	97
3	Hypoxic conditioning and the central nervous system: A new therapeutic opportunity for brain and spinal cord injuries?. <i>Experimental Biology and Medicine</i> , 2017, 242, 1198-1206.	1.1	66
4	Diagnosis and management of central sleep apnea syndrome. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 545-557.	1.0	46
5	Motor tract integrity predicts walking recovery. <i>Neurology</i> , 2020, 94, e583-e593.	1.5	41
6	Sleep apnoea and ischaemic stroke: current knowledge and future directions. <i>Lancet Neurology</i> , The, 2022, 21, 78-88.	4.9	41
7	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
8	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
9	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
10	Physiological Responses to Two Hypoxic Conditioning Strategies in Healthy Subjects. <i>Frontiers in Physiology</i> , 2016, 7, 675.	1.3	20
11	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
12	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
13	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
14	Reshaping Sleep Apnea Care: Time for Value-based Strategies. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1501-1503.	1.5	15
15	Set the pace of bone healing—Treatment of a bilateral sacral stress fracture using teriparatide in a long-distance runner. <i>Joint Bone Spine</i> , 2017, 84, 499-500.	0.8	10
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Continuous positive airway pressure improves gait control in severe obstructive sleep apnoea: A prospective study. <i>PLoS ONE</i> , 2018, 13, e0192442.	1.1	7
21	Measuring Sleep, Wakefulness, and Circadian Functions in Neurologic Disorders. <i>Sleep Medicine Clinics</i> , 2021, 16, 661-671.	1.2	7
22	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
23	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
24	Current Knowledge and Perspectives for Pharmacological Treatment in OSA. <i>Archivos De Bronconeumologia</i> , 2022, 58, 681-684.	0.4	5
25	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
26	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
27	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
28	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
29	Classification of Factors Effect on Sleep in Individuals with Down Syndrome. <i>Brain Sciences</i> , 2021, 11, 1500.	1.1	3
30	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
31	The effect of zolpidem on cognitive function and postural control at high altitude. <i>Sleep</i> , 2018, 41, .	0.6	2
32	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
33	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
34	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
35	Impaired cerebral oxygenation and exercise tolerance in patients with severe obstructive sleep apnoea syndrome. , 2018, , .		1
36	Impaired control of gait in severe obstructive sleep apnea and continuous positive airway pressure treatment: a randomized controlled trial. , 2019, , .		1

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37	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
38	Donner l'allure de la consolidation osseuse "Traitement d'une fracture de fatigue bilatérale du sacrum par téraparatide chez un coureur de fond. <i>Revue Du Rhumatisme (Edition Française)</i> , 2018, 85, 212-214.	0.0	0
39	Liver Fibrosis, Sleep Apnea and Cardiovascular Events in Stroke Patients. <i>Cerebrovascular Diseases</i> , 2019, 47, 309-310.	0.8	0
40	Impaired control of gait in patients with severe obstructive sleep apnea is reversed by continuous positive airway pressure treatment. , 2016, , .		0
41	Reduced voluntary activation and increased intracortical inhibition during leg extensions in severe obstructive sleep apnoea patients. , 2017, , .		0
42	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
43	Nocturnal hypoxemia, ambulatory blood pressure and chronic mountains sickness in the highest city in the world. , 2020, , .		0