

Konrad E Bloch

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,917
citations

218677

26
h-index

182427

51
g-index

96
all docs

96
docs citations

96
times ranked

2455
citing authors

#	ARTICLE	IF	CITATIONS
1	German Version of the Epworth Sleepiness Scale. <i>Respiration</i> , 1999, 66, 440-447.	2.6	257
2	Effects of Continuous Positive Airway Pressure Therapy Withdrawal in Patients with Obstructive Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1192-1199.	5.6	248
3	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. <i>European Respiratory Journal</i> , 2017, 49, 1600959.	6.7	239
4	Polysomnography: a systematic review*. <i>Technology and Health Care</i> , 1997, 5, 285-305.	1.2	112
5	Nocturnal Periodic Breathing during Acclimatization at Very High Altitude at Mount Muztagh Ata (7,546 m). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 562-568.	5.6	108
6	Sleep-Related Breathing Disorders in Patients With Pulmonary Hypertension. <i>Chest</i> , 2008, 133, 1375-1380.	0.8	90
7	Monitoring Carbon Dioxide Tension and Arterial Oxygen Saturation by a Single Earlobe Sensor in Patients With Critical Illness or Sleep Apnea. <i>Chest</i> , 2005, 128, 1291-1296.	0.8	85
8	Effect of Ascent Protocol on Acute Mountain Sickness and Success at Muztagh Ata, 7546 m. <i>High Altitude Medicine and Biology</i> , 2009, 10, 25-32.	0.9	84
9	Effect of Acetazolamide and AutoCPAP Therapy on Breathing Disturbances Among Patients With Obstructive Sleep Apnea Syndrome Who Travel to Altitude. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 2390.	7.4	84
10	Patients With Obstructive Sleep Apnea Syndrome Benefit From Acetazolamide During an Altitude Sojourn. <i>Chest</i> , 2012, 141, 131-138.	0.8	79
11	Randomized Short-term Trial of Two AutoCPAP Devices versus Fixed Continuous Positive Airway Pressure for the Treatment of Sleep Apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1506-1511.	5.6	76
12	Exercise pulmonary haemodynamics predict outcome in patients with systemic sclerosis. <i>European Respiratory Journal</i> , 2016, 48, 1658-1667.	6.7	63
13	Sleep at high altitude: guesses and facts. <i>Journal of Applied Physiology</i> , 2015, 119, 1466-1480.	2.5	61
14	Minimum important difference of the Epworth Sleepiness Scale in obstructive sleep apnoea: estimation from three randomised controlled trials. <i>Thorax</i> , 2019, 74, 390-396.	5.6	60
15	Effect of nocturnal oxygen and acetazolamide on exercise performance in patients with pre-capillary pulmonary hypertension and sleep-disturbed breathing: randomized, double-blind, cross-over trial. <i>European Heart Journal</i> , 2015, 36, 615-623.	2.2	57
16	Pressure-Flow During Exercise Catheterization Predicts Survival in Pulmonary Hypertension. <i>Chest</i> , 2016, 150, 57-67.	0.8	56
17	Gain and subsequent loss of lung function after lung volume reduction surgery in cases of severe emphysema with different morphologic patterns. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2002, 123, 845-854.	0.8	54
18	Equivalence of Autoadjusted and Constant Continuous Positive Airway Pressure in Home Treatment of Sleep Apnea. <i>Chest</i> , 2006, 129, 638-643.	0.8	54

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19	Effects of CPAP therapy withdrawal on exhaled breath pattern in obstructive sleep apnoea. <i>Thorax</i> , 2016, 71, 110-117.	5.6	51
20	Gastrointestinal Dysfunction in Patients with Duchenne Muscular Dystrophy. <i>PLoS ONE</i> , 2016, 11, e0163779.	2.5	49
21	Cerebral Oxygenation in Patients With OSA. <i>Chest</i> , 2014, 146, 299-308.	0.8	40
22	Effects on Cognitive Functioning of Acute, Subacute and Repeated Exposures to High Altitude. <i>Frontiers in Physiology</i> , 2018, 9, 1131.	2.8	39
23	Exercise Performance of Lowlanders with COPD at 2,590 m: Data from a Randomized Trial. <i>Respiration</i> , 2018, 95, 422-432.	2.6	37
24	The Effect of Simulated Obstructive Apnea and Hypopnea on Aortic Diameter and BP. <i>Chest</i> , 2011, 140, 675-680.	0.8	33
25	Acute hemodynamic changes by breathing hypoxic and hyperoxic gas mixtures in pulmonary arterial and chronic thromboembolic pulmonary hypertension. <i>International Journal of Cardiology</i> , 2018, 270, 262-267.	1.7	30
26	Effect of hypoxia and hyperoxia on exercise performance in healthy individuals and in patients with pulmonary hypertension: a systematic review. <i>Journal of Applied Physiology</i> , 2017, 123, 1657-1670.	2.5	29
27	Exercise performance and symptoms in lowlanders with COPD ascending to moderate altitude: randomized trial. <i>International Journal of COPD</i> , 2018, Volume 13, 3529-3538.	2.3	29
28	Effect of Acute, Subacute, and Repeated Exposure to High Altitude (5050 m) on Psychomotor Vigilance. <i>Frontiers in Physiology</i> , 2018, 9, 677.	2.8	28
29	Impaired Postural Control in Healthy Men at Moderate Altitude (1630 M and 2590 M): Data from a Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0116695.	2.5	27
30	Autoadjusted versus fixed CPAP for obstructive sleep apnoea: a multicentre, randomised equivalence trial. <i>Thorax</i> , 2018, 73, 174-184.	5.6	27
31	Effect of domiciliary oxygen therapy on exercise capacity and quality of life in patients with pulmonary arterial or chronic thromboembolic pulmonary hypertension: a randomised, placebo-controlled trial. <i>European Respiratory Journal</i> , 2019, 54, 1900276.	6.7	26
32	Sleep and breathing disturbances in patients with chronic obstructive pulmonary disease traveling to altitude: a randomized trial. <i>Sleep</i> , 2019, 42, .	1.1	26
33	Patients with Obstructive Sleep Apnea at Altitude. <i>High Altitude Medicine and Biology</i> , 2015, 16, 110-116.	0.9	25
34	Association between sleep apnoea and pulmonary hypertension in Kyrgyz highlanders. <i>European Respiratory Journal</i> , 2017, 49, 1601530.	6.7	25
35	Effect of CPAP Withdrawal on myocardial perfusion in OSA: A randomized controlled trial. <i>Respirology</i> , 2016, 21, 1126-1133.	2.3	22
36	Cardiac function and pulmonary hypertension in Central Asian highlanders at 3250â€¦m. <i>European Respiratory Journal</i> , 2020, 56, 1902474.	6.7	22

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37	Clinical Evaluation of a Pacemaker Algorithm That Adjusts the Pacing Rate During Sleep Using Activity Variance. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 1509-1515.	1.2	20
38	Right and Left Heart Function in Lowlanders with COPD at Altitude: Data from a Randomized Study. <i>Respiration</i> , 2019, 97, 125-134.	2.6	20
39	Effect of Nocturnal Oxygen Therapy on Nocturnal Hypoxemia and Sleep Apnea Among Patients With Chronic Obstructive Pulmonary Disease Traveling to 2048 Meters. <i>JAMA Network Open</i> , 2020, 3, e207940.	5.9	20
40	Efficacy of Dexamethasone in Preventing Acute Mountain Sickness in COPD Patients. <i>Chest</i> , 2018, 154, 788-797.	0.8	19
41	Effects of suboptimal adherence of CPAP therapy on symptoms of obstructive sleep apnoea: a randomised, double-blind, controlled trial. <i>European Respiratory Journal</i> , 2020, 55, 1901526.	6.7	19
42	Successful Lung Volume Reduction Surgery in a Child With Severe Airflow Obstruction and Hyperinflation due to Constrictive Bronchiolitis. <i>Chest</i> , 2002, 122, 747-750.	0.8	18
43	Effect of Oxygen and Acetazolamide on Nocturnal Cardiac Conduction, Repolarization, and Arrhythmias in Precapillary Pulmonary Hypertension and Sleep-Disturbed Breathing. <i>Chest</i> , 2014, 146, 1226-1236.	0.8	17
44	Nocturnal cerebral hypoxia in obstructive sleep apnoea: a randomised controlled trial. <i>European Respiratory Journal</i> , 2018, 51, 1800032.	6.7	17
45	Dexamethasone improves pulmonary hemodynamics in COPD-patients going to altitude: A randomized trial. <i>International Journal of Cardiology</i> , 2019, 283, 159-164.	1.7	17
46	Effect of Dexamethasone on Nocturnal Oxygenation in Lowlanders With Chronic Obstructive Pulmonary Disease Traveling to 3100 Meters. <i>JAMA Network Open</i> , 2019, 2, e190067.	5.9	16
47	Effect of Normobaric Hypoxia on Exercise Performance in Pulmonary Hypertension. <i>Chest</i> , 2021, 159, 757-771.	0.8	15
48	Effect of Breathing Oxygen-Enriched Air on Exercise Performance in Patients with Chronic Obstructive Pulmonary Disease: Randomized, Placebo-Controlled, Cross-Over Trial. <i>Respiration</i> , 2020, 99, 213-224.	2.6	15
49	Acetazolamide to Prevent Adverse Altitude Effects in COPD and Healthy Adults. , 2022, 1, .		15
50	Postural Control in Lowlanders With COPD Traveling to 3100 m: Data From a Randomized Trial Evaluating the Effect of Preventive Dexamethasone Treatment. <i>Frontiers in Physiology</i> , 2018, 9, 752.	2.8	14
51	Cognitive Effects of Repeated Acute Exposure to Very High Altitude Among Altitude-Experienced Workers at 5050m. <i>High Altitude Medicine and Biology</i> , 2019, 20, 361-374.	0.9	14
52	Frontiers in Clinical Practice of Long-Term Care of Chronic Ventilatory Failure. <i>Respiration</i> , 2019, 98, 1-15.	2.6	14
53	Alternatives to CPAP in the treatment of the obstructive sleep apnea syndrome. <i>Swiss Medical Weekly</i> , 2006, 136, 261-7.	1.6	14
54	Effect of Mouthpiece Breathing on Cardiorespiratory Response to Intense Exercise. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 151, 1087-1092.	5.6	12

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55	Effect of a day-trip to altitude (2500â€¦m) on exercise performance in pulmonary hypertension: randomised crossover trial. <i>ERJ Open Research</i> , 2021, 7, 00314-2021.	2.6	11
56	Effect of One Night of Nocturnal Oxygen Supplementation on Highland Patients With OSA. <i>Chest</i> , 2021, 160, 690-700.	0.8	10
57	"Education is the passport to the future": enabling today's medical teachers to prepare tomorrow's respiratory health practitioners. <i>European Respiratory Journal</i> , 2014, 44, 578-584.	6.7	9
58	<p>Blood pressure response to exposure to moderate altitude in patients with COPD</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 659-666.	2.3	9
59	Altitude Travel in Patients With Pulmonary Hypertension: Randomized Pilot-Trial Evaluating Nocturnal Oxygen Therapy. <i>Frontiers in Medicine</i> , 2020, 7, 502.	2.6	9
60	The Impact of Breathing Hypoxic Gas and Oxygen on Pulmonary Hemodynamics in Patients With Pulmonary Hypertension. <i>Frontiers in Medicine</i> , 2022, 9, 791423.	2.6	9
61	Ascent to moderate altitude impairs overnight memory improvements. <i>Physiology and Behavior</i> , 2015, 139, 121-126.	2.1	8
62	Noninvasive monitoring of cardiac output in human neonates and juvenile piglets by inductance cardiography (Thoracocardiography). <i>Journal of Critical Care</i> , 2002, 17, 259-266.	2.2	7
63	Asthma rehabilitation at high vs. low altitude and its impact on exhaled nitric oxide and sensitization patterns: Randomized parallel-group trial. <i>Respiratory Medicine</i> , 2020, 170, 106040.	2.9	7
64	Extravascular lung water and cardiac function assessed by echocardiography in healthy lowlanders during repeated very high-altitude exposure. <i>International Journal of Cardiology</i> , 2021, 332, 166-174.	1.7	7
65	Impact of Acetazolamide and CPAP on Cortical Activity in Obstructive Sleep Apnea Patients. <i>PLoS ONE</i> , 2014, 9, e93931.	2.5	7
66	Right-to-left shunts in lowlanders with COPD traveling to altitude: a randomized controlled trial with dexamethasone. <i>Journal of Applied Physiology</i> , 2020, 128, 117-126.	2.5	6
67	ECG changes at rest and during exercise in lowlanders with COPD travelling to 3100Âm. <i>International Journal of Cardiology</i> , 2021, 324, 173-179.	1.7	6
68	Health Preference Measures in Patients with Obstructive Sleep Apnea Syndrome Undergoing Continuous Positive Airway Pressure Therapy: Data from a Randomized Trial. <i>Respiration</i> , 2021, 100, 328-338.	2.6	6
69	Cardiorespiratory Adaptation to Short-Term Exposure to Altitude vs. Normobaric Hypoxia in Patients with Pulmonary Hypertension. <i>Journal of Clinical Medicine</i> , 2022, 11, 2769.	2.4	6
70	Model-Based versus Clinical Prediction of the Spirometric Response to Lung Volume Reduction Surgery. <i>Respiration</i> , 2004, 71, 611-618.	2.6	5
71	Nocturnal Heart Rate and Cardiac Repolarization in Lowlanders With Chronic Obstructive Pulmonary Disease at High Altitude: Data From a Randomized, Placebo-Controlled Trial of Nocturnal Oxygen Therapy. <i>Frontiers in Medicine</i> , 2021, 8, 557369.	2.6	5
72	Patient Selection for Lung Volume Reduction Surgery: Is Outcome Predictable?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2002, 14, 371-380.	0.6	4

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73	Risk of Sleepiness-Related Accidents in Switzerland: Results of an Online Sleep Apnea Risk Questionnaire and Awareness Campaigns. <i>Frontiers in Medicine</i> , 2017, 4, 34.	2.6	4
74	Nocturnal cerebral tissue oxygenation in lowlanders with chronic obstructive pulmonary disease travelling to an altitude of 2,590Åm: Data from a randomised trial. <i>Journal of Sleep Research</i> , 2021, 30, e13365.	3.2	4
75	Acute Hemodynamic Effect of Acetazolamide in Patients With Pulmonary Hypertension Whilst Breathing Normoxic and Hypoxic Gas: A Randomized Cross-Over Trial. <i>Frontiers in Medicine</i> , 2021, 8, 681473.	2.6	4
76	Effect of Nocturnal Oxygen Therapy on Daytime Pulmonary Hemodynamics in Patients With Chronic Obstructive Pulmonary Disease Traveling to Altitude: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2021, 12, 689863.	2.8	4
77	Validation of a Portable Blood Gas Analyzer for Use in Challenging Field Conditions at High Altitude. <i>Frontiers in Physiology</i> , 2020, 11, 600551.	2.8	4
78	Effect of nocturnal oxygen therapy on exercise performance of COPD patients at 2048Åm: data from a randomized clinical trial. <i>Scientific Reports</i> , 2021, 11, 20355.	3.3	4
79	Variability of inspiratory conductance quantifies flow limitation. <i>Clinical Science</i> , 2004, 106, 589-598.	4.3	3
80	Successful lung volume reduction surgery in combined pulmonary emphysema and fibrosis without body-plethysmographic hyperinflationâ€”a case report. <i>Journal of Thoracic Disease</i> , 2018, 10, S2830-S2834.	1.4	3
81	Noninvasive Ventilation for Chronic Hypercapnic Respiratory Failure. <i>Respiration</i> , 2019, 97, 1-2.	2.6	3
82	Effect of oxygen therapy on exercise performance in patients with cyanotic congenital heart disease: Randomized-controlled trial. <i>International Journal of Cardiology</i> , 2021, , .	1.7	3
83	Comparison of Repetitive Cardiac Output Measurements at Rest and End-Exercise by Direct Fick Using Pulse Oximetry vs. Blood Gases in Patients With Pulmonary Hypertension. <i>Frontiers in Medicine</i> , 2021, 8, 776956.	2.6	3
84	Peripheral database module for clinical management and research in sleep medicine. <i>Technology and Health Care</i> , 1999, 7, 331-342.	1.2	2
85	Sleep Patterns in High School and University Students: A Longitudinal Study. <i>Chronobiology International</i> , 2009, 26, 1222-1234.	2.0	2
86	Automatic Processing of Nasal Pressure Recordings to Derive Continuous Side-Selective Nasal Airflow and Conductance. <i>Frontiers in Physiology</i> , 2019, 9, 1814.	2.8	2
87	Spirometry in Central Asian Lowlanders and Highlanders, a Population Based Study. <i>Frontiers in Medicine</i> , 2019, 6, 308.	2.6	2
88	Altered cardiac repolarisation in highlanders with highâ€”altitude pulmonary hypertension during wakefulness and sleep. <i>Journal of Sleep Research</i> , 2021, 30, e13153.	3.2	2
89	Effect of High-Flow Oxygen on Exercise Performance in COPD Patients. Randomized Trial. <i>Frontiers in Medicine</i> , 2020, 7, 595450.	2.6	2
90	Effect of Breathing Oxygen-Enriched Air on Exercise Performance in Patients With Pulmonary Hypertension Due to Heart Failure With Preserved Ejection Fraction: A Randomized, Placebo-Controlled, Crossover Trial. <i>Frontiers in Medicine</i> , 2021, 8, 692029.	2.6	2

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91	Exercise Performance in Central Asian Highlanders: A Cross-Sectional Study. High Altitude Medicine and Biology, 2021, 22, 386-394.	0.9	2
92	Effect of Nocturnal Oxygen on Blood Pressure Response to Altitude Exposure in COPD – Data from a Randomized Placebo-Controlled Cross-Over Trial. International Journal of COPD, 2021, Volume 16, 3503-3512.	2.3	2
93	Obstruktives Schlafapnoesyndrom. , 2020, , 165-192.		1
94	Professor Almaz A. Aldashev (1953–2016). High Altitude Medicine and Biology, 2016, 17, 274-275.	0.9	0
95	Pulmonary haemodynamic response to exercise in highlanders versus lowlanders. ERJ Open Research, 2021, 7, 00937-2020.	2.6	0
96	A prospective cohort study about the effect of repeated living high and working higher on cerebral autoregulation in unacclimatized lowlanders. Scientific Reports, 2022, 12, 2472.	3.3	0