

# 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	Acetazolamide to Prevent Adverse Altitude Effects in COPD and Healthy Adults. , 2022, 1, .		15
2	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
3	A prospective cohort study about the effect of repeated living high and working higher on cerebral autoregulation in unacclimatized lowlanders. <i>Scientific Reports</i> , 2022, 12, 2472.	3.3	0
4	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
5	Altered cardiac repolarisation in highlanders with high-altitude pulmonary hypertension during wakefulness and sleep. <i>Journal of Sleep Research</i> , 2021, 30, e13153.	3.2	2
6	ECG changes at rest and during exercise in lowlanders with COPD travelling to 3100m. <i>International Journal of Cardiology</i> , 2021, 324, 173-179.	1.7	6
7	Effect of Normobaric Hypoxia on Exercise Performance in Pulmonary Hypertension. <i>Chest</i> , 2021, 159, 757-771.	0.8	15
8	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
9	Pulmonary haemodynamic response to exercise in highlanders versus lowlanders. <i>ERJ Open Research</i> , 2021, 7, 00937-2020.	2.6	0
10	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
11	Nocturnal cerebral tissue oxygenation in lowlanders with chronic obstructive pulmonary disease travelling to an altitude of 2,590m: Data from a randomised trial. <i>Journal of Sleep Research</i> , 2021, 30, e13365.	3.2	4
12	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
13	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
14	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
15	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
16	Exercise Performance in Central Asian Highlanders: A Cross-Sectional Study. <i>High Altitude Medicine and Biology</i> , 2021, 22, 386-394.	0.9	2
17	Effect of One Night of Nocturnal Oxygen Supplementation on Highland Patients With OSA. <i>Chest</i> , 2021, 160, 690-700.	0.8	10
18	Effect of a day-trip to altitude (2500m) on exercise performance in pulmonary hypertension: randomised crossover trial. <i>ERJ Open Research</i> , 2021, 7, 00314-2021.	2.6	11

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19	Effect of nocturnal oxygen therapy on exercise performance of COPD patients at 2048m: data from a randomized clinical trial. <i>Scientific Reports</i> , 2021, 11, 20355.	3.3	4
20	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
21	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
22	Effect of Nocturnal Oxygen on Blood Pressure Response to Altitude Exposure in COPD – Data from a Randomized Placebo-Controlled Cross-Over Trial. <i>International Journal of COPD</i> , 2021, Volume 16, 3503-3512.	2.3	2
23	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
24	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
25	Cardiac function and pulmonary hypertension in Central Asian highlanders at 3250m. <i>European Respiratory Journal</i> , 2020, 56, 1902474.	6.7	22
26	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
27	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
28	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
29	Effect of High-Flow Oxygen on Exercise Performance in COPD Patients. Randomized Trial. <i>Frontiers in Medicine</i> , 2020, 7, 595450.	2.6	2
30	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
31	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
32	Obstruktives Schlafapnoesyndrom. , 2020, , 165-192.		1
33	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
34	Frontiers in Clinical Practice of Long-Term Care of Chronic Ventilatory Failure. <i>Respiration</i> , 2019, 98, 1-15.	2.6	14
35	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
36	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

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37	&lt;p&gt;Blood pressure response to exposure to moderate altitude in patients with COPD&lt;/p&gt;. International Journal of COPD, 2019, Volume 14, 659-666.	2.3	9
38	Effect of Dexamethasone on Nocturnal Oxygenation in Lowlanders With Chronic Obstructive Pulmonary Disease Traveling to 3100 Meters. JAMA Network Open, 2019, 2, e190067.	5.9	16
39	Dexamethasone improves pulmonary hemodynamics in COPD-patients going to altitude: A randomized trial. International Journal of Cardiology, 2019, 283, 159-164.	1.7	17
40	Sleep and breathing disturbances in patients with chronic obstructive pulmonary disease traveling to altitude: a randomized trial. Sleep, 2019, 42, .	1.1	26
41	Noninvasive Ventilation for Chronic Hypercapnic Respiratory Failure. Respiration, 2019, 97, 1-2.	2.6	3
42	Right and Left Heart Function in Lowlanders with COPD at Altitude: Data from a Randomized Study. Respiration, 2019, 97, 125-134.	2.6	20
43	Spirometry in Central Asian Lowlanders and Highlanders, a Population Based Study. Frontiers in Medicine, 2019, 6, 308.	2.6	2
44	Minimum important difference of the Epworth Sleepiness Scale in obstructive sleep apnoea: estimation from three randomised controlled trials. Thorax, 2019, 74, 390-396.	5.6	60
45	Exercise Performance of Lowlanders with COPD at 2,590 m: Data from a Randomized Trial. Respiration, 2018, 95, 422-432.	2.6	37
46	Nocturnal cerebral hypoxia in obstructive sleep apnoea: a randomised controlled trial. European Respiratory Journal, 2018, 51, 1800032.	6.7	17
47	Autoadjusted versus fixed CPAP for obstructive sleep apnoea: a multicentre, randomised equivalence trial. Thorax, 2018, 73, 174-184.	5.6	27
48	Successful lung volume reduction surgery in combined pulmonary emphysema and fibrosis without body-plethysmographic hyperinflationâ€”a case report. Journal of Thoracic Disease, 2018, 10, S2830-S2834.	1.4	3
49	Exercise performance and symptoms in lowlanders with COPD ascending to moderate altitude: randomized trial. International Journal of COPD, 2018, Volume 13, 3529-3538.	2.3	29
50	Effect of Acute, Subacute, and Repeated Exposure to High Altitude (5050 m) on Psychomotor Vigilance. Frontiers in Physiology, 2018, 9, 677.	2.8	28
51	Postural Control in Lowlanders With COPD Traveling to 3100 m: Data From a Randomized Trial Evaluating the Effect of Preventive Dexamethasone Treatment. Frontiers in Physiology, 2018, 9, 752.	2.8	14
52	Efficacy of Dexamethasone in Preventing Acute Mountain Sickness in COPD Patients. Chest, 2018, 154, 788-797.	0.8	19
53	Effects on Cognitive Functioning of Acute, Subacute and Repeated Exposures to High Altitude. Frontiers in Physiology, 2018, 9, 1131.	2.8	39
54	Acute hemodynamic changes by breathing hypoxic and hyperoxic gas mixtures in pulmonary arterial and chronic thromboembolic pulmonary hypertension. International Journal of Cardiology, 2018, 270, 262-267.	1.7	30

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55	Association between sleep apnoea and pulmonary hypertension in Kyrgyz highlanders. <i>European Respiratory Journal</i> , 2017, 49, 1601530.	6.7	25
56	Definition, discrimination, diagnosis and treatment of central breathing disturbances during sleep. <i>European Respiratory Journal</i> , 2017, 49, 1600959.	6.7	239
57	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
58	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
59	Gastrointestinal Dysfunction in Patients with Duchenne Muscular Dystrophy. <i>PLoS ONE</i> , 2016, 11, e0163779.	2.5	49
60	Exercise pulmonary haemodynamics predict outcome in patients with systemic sclerosis. <i>European Respiratory Journal</i> , 2016, 48, 1658-1667.	6.7	63
61	Professor Almaz A. Aldashev (1953–2016). <i>High Altitude Medicine and Biology</i> , 2016, 17, 274-275.	0.9	0
62	Effect of CPAP Withdrawal on myocardial perfusion in OSA: A randomized controlled trial. <i>Respirology</i> , 2016, 21, 1126-1133.	2.3	22
63	Pressure-Flow During Exercise Catheterization Predicts Survival in Pulmonary Hypertension. <i>Chest</i> , 2016, 150, 57-67.	0.8	56
64	Effects of CPAP therapy withdrawal on exhaled breath pattern in obstructive sleep apnoea. <i>Thorax</i> , 2016, 71, 110-117.	5.6	51
65	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
66	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
67	Sleep at high altitude: guesses and facts. <i>Journal of Applied Physiology</i> , 2015, 119, 1466-1480.	2.5	61
68	Patients with Obstructive Sleep Apnea at Altitude. <i>High Altitude Medicine and Biology</i> , 2015, 16, 110-116.	0.9	25
69	Ascent to moderate altitude impairs overnight memory improvements. <i>Physiology and Behavior</i> , 2015, 139, 121-126.	2.1	8
70	Cerebral Oxygenation in Patients With OSA. <i>Chest</i> , 2014, 146, 299-308.	0.8	40
71	"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
72	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

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73	Impact of Acetazolamide and CPAP on Cortical Activity in Obstructive Sleep Apnea Patients. PLoS ONE, 2014, 9, e93931.	2.5	7
74	Patients With Obstructive Sleep Apnea Syndrome Benefit From Acetazolamide During an Altitude Sojourn. Chest, 2012, 141, 131-138.	0.8	79
75	Effect of Acetazolamide and AutoCPAP Therapy on Breathing Disturbances Among Patients With Obstructive Sleep Apnea Syndrome Who Travel to Altitude. JAMA - Journal of the American Medical Association, 2012, 308, 2390.	7.4	84
76	Effects of Continuous Positive Airway Pressure Therapy Withdrawal in Patients with Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1192-1199.	5.6	248
77	The Effect of Simulated Obstructive Apnea and Hypopnea on Aortic Diameter and BP. Chest, 2011, 140, 675-680.	0.8	33
78	Nocturnal Periodic Breathing during Acclimatization at Very High Altitude at Mount Muztagh Ata (7,546 m). American Journal of Respiratory and Critical Care Medicine, 2010, 182, 562-568.	5.6	108
79	Effect of Ascent Protocol on Acute Mountain Sickness and Success at Muztagh Ata, 7546 m. High Altitude Medicine and Biology, 2009, 10, 25-32.	0.9	84
80	Sleep Patterns in High School and University Students: A Longitudinal Study. Chronobiology International, 2009, 26, 1222-1234.	2.0	2
81	Sleep-Related Breathing Disorders in Patients With Pulmonary Hypertension. Chest, 2008, 133, 1375-1380.	0.8	90
82	Equivalence of Autoadjusted and Constant Continuous Positive Airway Pressure in Home Treatment of Sleep Apnea. Chest, 2006, 129, 638-643.	0.8	54
83	Alternatives to CPAP in the treatment of the obstructive sleep apnea syndrome. Swiss Medical Weekly, 2006, 136, 261-7.	1.6	14
84	Monitoring Carbon Dioxide Tension and Arterial Oxygen Saturation by a Single Earlobe Sensor in Patients With Critical Illness or Sleep Apnea. Chest, 2005, 128, 1291-1296.	0.8	85
85	Model-Based versus Clinical Prediction of the Spirometric Response to Lung Volume Reduction Surgery. Respiration, 2004, 71, 611-618.	2.6	5
86	Variability of inspiratory conductance quantifies flow limitation. Clinical Science, 2004, 106, 589-598.	4.3	3
87	Randomized Short-term Trial of Two AutoCPAP Devices versus Fixed Continuous Positive Airway Pressure for the Treatment of Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1506-1511.	5.6	76
88	Patient Selection for Lung Volume Reduction Surgery: Is Outcome Predictable?. Seminars in Thoracic and Cardiovascular Surgery, 2002, 14, 371-380.	0.6	4
89	Successful Lung Volume Reduction Surgery in a Child With Severe Airflow Obstruction and Hyperinflation due to Constrictive Bronchiolitis. Chest, 2002, 122, 747-750.	0.8	18
90	Noninvasive monitoring of cardiac output in human neonates and juvenile piglets by inductance cardiography (Thoracocardiography). Journal of Critical Care, 2002, 17, 259-266.	2.2	7

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91	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
92	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
93	Peripheral database module for clinical management and research in sleep medicine. <i>Technology and Health Care</i> , 1999, 7, 331-342.	1.2	2
94	German Version of the Epworth Sleepiness Scale. <i>Respiration</i> , 1999, 66, 440-447.	2.6	257
95	Polysomnography: a systematic review*. <i>Technology and Health Care</i> , 1997, 5, 285-305.	1.2	112
96	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