

Janos Porszasz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5182967/publications.pdf>

Version: 2024-02-01

116
papers

6,018
citations

94269

37
h-index

74018

75
g-index

117
all docs

117
docs citations

117
times ranked

5628
citing authors

#	ARTICLE	IF	CITATIONS
1	The level and tempo of children's physical activities: an observational study. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 1033-1041.	0.2	746
2	An official European Respiratory Society statement on physical activity in COPD. <i>European Respiratory Journal</i> , 2014, 44, 1521-1537.	3.1	398
3	Physiologic benefits of exercise training in rehabilitation of patients with severe chronic obstructive pulmonary disease.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 155, 1541-1551.	2.5	384
4	Effects of Testosterone and Resistance Training in Men with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 870-878.	2.5	332
5	Use of exercise testing in the evaluation of interventional efficacy: an official ERS statement. <i>European Respiratory Journal</i> , 2016, 47, 429-460.	3.1	311
6	Benefits of Supplemental Oxygen in Exercise Training in Nonhypoxemic Chronic Obstructive Pulmonary Disease Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 1034-1042.	2.5	303
7	Dose-response effect of oxygen on hyperinflation and exercise endurance in nonhypoxaemic COPD patients. <i>European Respiratory Journal</i> , 2001, 18, 77-84.	3.1	272
8	Exercise Training Decreases Ventilatory Requirements and Exercise-Induced Hyperinflation at Submaximal Intensities in Patients With COPD. <i>Chest</i> , 2005, 128, 2025-2034.	0.4	210
9	Changes in skeletal muscle oxygenation during incremental exercise measured with near infrared spectroscopy. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1995, 70, 487-492.	1.2	181
10	Effects of hypoxic hypoxia on \dot{V}_{O_2} uptake and heart rate kinetics during heavy exercise. <i>Journal of Applied Physiology</i> , 1996, 81, 2500-2508.	1.2	169
11	Lactic acidosis as a facilitator of oxyhemoglobin dissociation during exercise. <i>Journal of Applied Physiology</i> , 1994, 76, 1462-1467.	1.2	167
12	A Treadmill Ramp Protocol Using Simultaneous Changes in Speed and Grade. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1596-1603.	0.2	124
13	Effect of Hyperoxia on Gas Exchange and Lactate Kinetics Following Exercise Onset in Nonhypoxemic COPD Patients. <i>Chest</i> , 2002, 121, 393-400.	0.4	106
14	Acidinium bromide improves exercise endurance and lung hyperinflation in patients with moderate to severe COPD. <i>Respiratory Medicine</i> , 2011, 105, 580-587.	1.3	96
15	Gas exchange responses to continuous incremental cycle ergometry exercise in primary pulmonary hypertension in humans. <i>European Journal of Applied Physiology</i> , 2000, 83, 63-70.	1.2	75
16	Methodology for Using Long-Term Accelerometry Monitoring to Describe Daily Activity Patterns in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2009, 6, 121-129.	0.7	75
17	Skeletal muscle adaptations to testosterone and resistance training in men with COPD. <i>Journal of Applied Physiology</i> , 2007, 103, 1299-1310.	1.2	73
18	Supervised high intensity continuous and interval training vs. self-paced training in COPD. <i>Respiratory Medicine</i> , 2007, 101, 2297-2304.	1.3	69

#	ARTICLE	IF	CITATIONS
19	Skeletal muscle oxygenation during constant work rate exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 512-519.	0.2	67
20	Exhaled Nitric Oxide During Exercise in Primary Pulmonary Hypertension and Pulmonary Fibrosis. <i>Chest</i> , 1997, 111, 44-50.	0.4	67
21	Low physical performance in obese adolescent boys with metabolic syndrome. <i>International Journal of Obesity</i> , 2001, 25, 966-970.	1.6	67
22	Physiological responses to linear treadmill and cycle ergometer exercise in COPD. <i>European Respiratory Journal</i> , 2009, 34, 605-615.	3.1	67
23	Diffusing Capacity of Carbon Monoxide in Assessment of COPD. <i>Chest</i> , 2019, 156, 1111-1119.	0.4	58
24	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 294-302.	2.5	56
25	Evaluation of a symmetrically disposed Pitot tube flowmeter for measuring gas flow during exercise. <i>Journal of Applied Physiology</i> , 1994, 77, 2659-2665.	1.2	55
26	Daily physical activity and physical function in adult maintenance hemodialysis patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014, 5, 209-220.	2.9	52
27	Effects of Tiotropium on Hyperinflation and Treadmill Exercise Tolerance in Mild to Moderate Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2014, 11, 1351-1361.	1.5	51
28	Long-term Comparative Immunogenicity of Protein Conjugate and Free Polysaccharide Pneumococcal Vaccines in Chronic Obstructive Pulmonary Disease. <i>Clinical Infectious Diseases</i> , 2012, 55, e35-e44.	2.9	50
29	Influence of Lightweight Ambulatory Oxygen on Oxygen Use and Activity Patterns of COPD Patients Receiving Long-Term Oxygen Therapy. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012, 9, 3-11.	0.7	50
30	Association between quality of life and anxiety, depression, physical activity and physical performance in maintenance hemodialysis patients. <i>Chronic Diseases and Translational Medicine</i> , 2016, 2, 110-119.	0.9	50
31	Reduction of Hyperinflation by Pharmacologic and Other Interventions. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 185-189.	3.5	49
32	Responses to constant work rate bicycle ergometry exercise in primary pulmonary hypertension: the effect of inhaled nitric oxide. <i>Journal of the American College of Cardiology</i> , 2000, 36, 547-556.	1.2	47
33	Femoral vascular occlusion and ventilation during recovery from heavy exercise. <i>Respiration Physiology</i> , 1993, 94, 137-150.	2.8	43
34	Relation Between Anxiety, Depression, and Physical Activity and Performance in Maintenance Hemodialysis Patients. , 2014, 24, 252-260.		43
35	Gas exchange responses to constant work rate exercise in chronic cardiac failure.. <i>Heart</i> , 1994, 72, 150-155.	1.2	42
36	Non-linear cardiac output dynamics during ramp-incremental cycle ergometry. <i>European Journal of Applied Physiology</i> , 2005, 93, 634-639.	1.2	42

#	ARTICLE	IF	CITATIONS
37	Six-Minute Walk Distance Predictors, Including CT Scan Measures, in the COPD Gene Cohort. <i>Chest</i> , 2012, 141, 867-875.	0.4	41
38	The St. George's Respiratory Questionnaire Definition of Chronic Bronchitis May Be a Better Predictor of COPD Exacerbations Compared With the Classic Definition. <i>Chest</i> , 2019, 156, 685-695.	0.4	40
39	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. <i>Chest</i> , 2016, 150, 1080-1090.	0.4	39
40	Association between the anaerobic threshold and the break-point in the double product/work rate relationship. <i>European Journal of Applied Physiology</i> , 1996, 75, 14-21.	1.2	37
41	Factors Affecting Daily Physical Activity and Physical Performance in Maintenance Dialysis Patients. , 2015, 25, 217-222.		37
42	Reproducibility of NIRS assessment of muscle oxidative capacity in smokers with and without COPD. <i>Respiratory Physiology and Neurobiology</i> , 2017, 235, 18-26.	0.7	37
43	Relation of concavity in the expiratory flow-volume loop to dynamic hyperinflation during exercise in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2016, 234, 79-84.	0.7	36
44	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018, 153, 65-76.	0.4	36
45	Physiologic Effects of an Ambulatory Ventilation System in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 334-342.	2.5	34
46	Selecting Constant Work Rates for Endurance Testing in COPD: The Role of the Power-Duration Relationship. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 131101114106009.	0.7	32
47	The Continuum of Physiological Impairment during Treadmill Walking in Patients with Mild-to-Moderate COPD: Patient Characterization Phase of a Randomized Clinical Trial. <i>PLoS ONE</i> , 2014, 9, e96574.	1.1	32
48	Instantaneous quantification of skeletal muscle activation, power production, and fatigue during cycle ergometry. <i>Journal of Applied Physiology</i> , 2015, 118, 646-654.	1.2	32
49	Indicator dilution measurements of extravascular lung water: basic assumptions and observations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L1023-L1031.	1.3	29
50	Dyspnea Postpulmonary Embolism From Physiological Dead Space Proportion and Stroke Volume Defects During Exercise. <i>Chest</i> , 2020, 157, 936-944.	0.4	29
51	Clarifying the equation for modeling of \dot{V}_{O_2} kinetics above the lactate threshold. <i>Journal of Applied Physiology</i> , 2010, 109, 1283-1284.	1.2	25
52	Breath-by-breath quantification of progressive airflow limitation during exercise in COPD: A new method. <i>Respiratory Medicine</i> , 2010, 104, 389-396.	1.3	25
53	Testosterone and resistance training effects on muscle nitric oxide synthase isoforms in COPD men. <i>Respiratory Medicine</i> , 2012, 106, 269-275.	1.3	21
54	Skeletal muscle power and fatigue at the tolerable limit of ramp-incremental exercise in COPD. <i>Journal of Applied Physiology</i> , 2016, 121, 1365-1373.	1.2	21

#	ARTICLE	IF	CITATIONS
55	A New Bronchodilator Response Grading Strategy Identifies Distinct Patient Populations. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1504-1517.	1.5	21
56	Counterpoint: Is an Increase in FEV 1 and/or FVC \geq 12% of Control and \geq 200 mL the Best Way to Assess Positive Bronchodilator Response? <i>No. Chest</i> , 2014, 146, 538-541.	0.4	20
57	Exhaled Breath Condensates: Analyzing the Expiratory Plume. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 803-804.	2.5	19
58	Skeletal muscle oxygenation during constant work rate exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 512-9.	0.2	19
59	Sinusoidal high-intensity exercise does not elicit ventilatory limitation in chronic obstructive pulmonary disease. <i>Experimental Physiology</i> , 2013, 98, 1102-1114.	0.9	18
60	Muscle Oxidative Capacity Is Reduced in Both Upper and Lower Limbs in COPD. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2061-2068.	0.2	18
61	Airborne Particulate Concentrations During and After Pulmonary Function Testing. <i>Chest</i> , 2021, 159, 1570-1574.	0.4	17
62	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. <i>Chest</i> , 2021, 160, 470-480.	0.4	17
63	Constant Work Rate Exercise Testing: A Tricky Measure of Exercise Tolerance. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2009, 6, 317-319.	0.7	16
64	Re-Defining Lower Limit of Normal for FEV1/FEV6, FEV1/FVC, FEV3/FEV6 and FEV3/FVC to Improve Detection of Airway Obstruction. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014, 2, 94-102.	0.5	15
65	Noninvasive assessment of normality of V D/V T in clinical cardiopulmonary exercise testing utilizing incremental cycle ergometry. <i>European Journal of Applied Physiology</i> , 2013, 113, 33-40.	1.2	14
66	Cluster Analysis in Patients with GOLD 1 Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2015, 10, e0123626.	1.1	14
67	Patient Involvement in the Design of a Patient-Centered Clinical Trial to Promote Adherence to Supplemental Oxygen Therapy in COPD. <i>Patient</i> , 2016, 9, 271-279.	1.1	13
68	Equipment, measurements and quality control in clinical exercise testing. , 2007, , 108-128.		13
69	The effect of fasting hyperinsulinaemia on physical fitness in obese children. <i>European Journal of Pediatrics</i> , 1990, 149, 570-573.	1.3	12
70	Biological quality control for cardiopulmonary exercise testing in multicenter clinical trials. <i>BMC Pulmonary Medicine</i> , 2016, 16, 13.	0.8	10
71	The effect of test modality on dynamic exercise biomarkers in children, adolescents, and young adults. <i>Physiological Reports</i> , 2019, 7, e14178.	0.7	9
72	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPD Gene Cohort. <i>Chest</i> , 2021, 160, 1245-1254.	0.4	9

#	ARTICLE	IF	CITATIONS
73	Transcutaneous PCO ₂ for Exercise Gas Exchange Efficiency in Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 16-25.	0.7	9
74	Physiologic Insights from the COPD Genetic Epidemiology Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 256-266.	0.5	9
75	Effect of tiotropium on spontaneous expiratory flow-volume curves during exercise in GOLD 1-2 COPD. Respiratory Physiology and Neurobiology, 2018, 251, 8-15.	0.7	8
76	Musculoskeletal disorders among construction apprentices in Hungary. Central European Journal of Public Health, 2001, 9, 183-7.	0.4	8
77	Rebuttal From Drs Hansen and Porszasz. Chest, 2014, 146, 542-544.	0.4	7
78	Physiologic Effects of Oxygen Supplementation During Exercise in Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2019, 40, 385-395.	0.8	7
79	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. Chest, 2021, 160, 858-871.	0.4	7
80	Equipment, measurements and quality control. , 0, , 59-81.		7
81	Effect of Megestrol Acetate and Testosterone on Body Composition and Hormonal Responses in COPD Cachexia. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2016, 3, 389-397.	0.5	7
82	Identifying a Heart Rate Recovery Criterion After a 6-Minute Walk Test in COPD. International Journal of COPD, 2021, Volume 16, 2545-2560.	0.9	6
83	Assessment of Exhaled Breath Condensate pH. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 952-952.	2.5	5
84	Heart rate variability during constant work rate exercise at and above the critical power in patients with severe chronic obstructive pulmonary disease. Tzu Chi Medical Journal, 2011, 23, 42-45.	0.4	4
85	Reliability and Physiological Interpretation of Pulmonary Gas Exchange by "Circulatory Equivalents" in Chronic Heart Failure. Journal of the American Heart Association, 2018, 7, .	1.6	4
86	The effect of long-acting dual bronchodilator therapy on exercise tolerance, dynamic hyperinflation, and dead space during constant work rate exercise in COPD. Journal of Applied Physiology, 2021, 130, 2009-2018.	1.2	4
87	Why Conventional Exhaled Breath Condensate pH Studies Cannot Provide Reliable Estimates of Airway Acidification. Chest, 2011, 140, 1099.	0.4	3
88	Comment on 'The effect of temperature on exhaled breath condensate collection'. Journal of Breath Research, 2012, 6, 048001.	1.5	3
89	Effect of clonidine (catapresan, St-155) on sympathetic reflexes. Neuroscience Letters, 1977, 4, 281-286.	1.0	2
90	Current Status of Pulmonary Rehabilitation: Introductory Remarks on Pulmonary Rehabilitation, the Importance and the Practice. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2018, 15, 215-218.	0.7	2

#	ARTICLE	IF	CITATIONS
91	Dynamic airway function during exercise in COPD assessed via impulse oscillometry before and after inhaled bronchodilators. <i>Journal of Applied Physiology</i> , 2021, 131, 326-338.	1.2	2
92	A randomized, crossover, placebo controlled, double-blind trial of the effects of tiotropium-olodaterol on neuromuscular performance during exercise in COPD. <i>Journal of Applied Physiology</i> , 2022, 132, 1145-1153.	1.2	2
93	Resting Physiologic Dead Space as Predictor of Postoperative Pulmonary Complications After Robotic-Assisted Lung Resection: A Pilot Study. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
94	Exercise Tolerance in Asymptomatic Elderly Men With Fluoroscopically Detected Coronary Artery Calcification. <i>Chest</i> , 1998, 114, 1562-1569.	0.4	1
95	Results From A Multi-Center Cardiopulmonary Exercise Physiological Quality Control Protocol. , 2012, , .		1
96	Use of Transcutaneous Measurement of PaCO ₂ in Determining Dead Space Ventilation During Exercise in Patients with COPD; a Pilot Study. <i>Chest</i> , 2015, 148, 901A.	0.4	1
97	Oxygen Uptake and Lactate Kinetics in Patients with Chronic Obstructive Pulmonary Disease during Heavy Intensity Exercise: Role of Pedaling Cadence. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 283-293.	0.7	1
98	Response. <i>Chest</i> , 2020, 158, 1781-1782.	0.4	1
99	Testosterone Supplementation during Respiratory Rehabilitation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 399-400.	2.5	1
100	Incorrect calculation of breath-by-breath gas exchange following rejected breaths. <i>Journal of Applied Physiology</i> , 1995, 78, 1618-1619.	1.2	0
101	Irish thoracic society. <i>Irish Journal of Medical Science</i> , 1998, 167, 1-13.	0.8	0
102	Continuous Laryngoscopy Exercise Test: A Method for Visualizing Laryngeal Dysfunction During Exercise. <i>Laryngoscope</i> , 2007, 117, 1508-1509.	1.1	0
103	Letter to the Editor Response. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010, 7, 445-446.	0.7	0
104	Judging Bronchodilator Responses: Are Current Guidelines Acceptable?. <i>Chest</i> , 2013, 144, 700A.	0.4	0
105	Sex Differences in Physical Activity Levels and Dyspnea in Mild-to-Moderate COPD. <i>Chest</i> , 2013, 144, 691A.	0.4	0
106	Effects of Noninvasive Open Ventilator on the Tidal Volume and Inspiratory Effort During Exercise in Severe COPD. <i>Chest</i> , 2013, 144, 734A.	0.4	0
107	Diagnostic Value of Isolated Prebronchodilator FEV ₃ /FEV ₆ Abnormality in Early Undiagnosed COPD. <i>Chest</i> , 2015, 148, 749A.	0.4	0
108	BREATH BY BREATH DEAD SPACE TO TIDAL VOLUME RATIO CALCULATION USING VOLUMETRIC CAPNOGRAPHY DURING EXERCISE TO ASSESS THE EFFECT OF GLYCOPYRROLATE/FORMOTEROL VS PLACEBO ON GAS EXCHANGE EFFICIENCY IN COPD. <i>Chest</i> , 2019, 156, A157-A158.	0.4	0

#	ARTICLE	IF	CITATIONS
109	HEART RATE VARIABILITY ON 10-SECOND ECG AND RISK OF ACUTE EXACERBATIONS OF COPD: A SECONDARY ANALYSIS OF BLOCK COPD. Chest, 2021, 160, A1773-A1775.	0.4	0
110	Effects of Heliox Breathing on R-R Interval Variability at Rest and During Exercise in COPD. Medicine and Science in Sports and Exercise, 2004, 36, S210.	0.2	0
111	Use of Physiological Calibration to Validate Gas Exchange Measurements During Exercise. Medicine and Science in Sports and Exercise, 2004, 36, S27.	0.2	0
112	Effects of Heliox Breathing on R-R Interval Variability at Rest and During Exercise in COPD. Medicine and Science in Sports and Exercise, 2004, 36, S210.	0.2	0
113	L-Glutamine Therapy Increases Exercise Endurance of Sickle Cell Anemia Patients.. Blood, 2004, 104, 3729-3729.	0.6	0
114	L-Glutamine Therapy Improves Minute Ventilation of Sickle Cell Anemia Patients.. Blood, 2007, 110, 3783-3783.	0.6	0
115	The role of myostatin on skeletal muscle energy metabolism during rest and exercise. FASEB Journal, 2012, 26, lb788.	0.2	0
116	A new method for instantaneous quantification of leg muscle fatigue during cycle ergometry (LB797). FASEB Journal, 2014, 28, LB797.	0.2	0