

Janos Porszasz

List of Publications by Year in descending order

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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	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
2	Airborne Particulate Concentrations During and After Pulmonary Function Testing. <i>Chest</i> , 2021, 159, 1570-1574.	0.4	17
3	The effect of long-acting dual bronchodilator therapy on exercise tolerance, dynamic hyperinflation, and dead space during constant work rate exercise in COPD. <i>Journal of Applied Physiology</i> , 2021, 130, 2009-2018.	1.2	4
4	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
5	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
6	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. <i>Chest</i> , 2021, 160, 470-480.	0.4	17
7	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021, 160, 858-871.	0.4	7
8	Identifying a Heart Rate Recovery Criterion After a 6-Minute Walk Test in COPD. <i>International Journal of COPD</i> , 2021, Volume 16, 2545-2560.	0.9	6
9	Transcutaneous PCO ₂ for Exercise Gas Exchange Efficiency in Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 16-25.	0.7	9
10	HEART RATE VARIABILITY ON 10-SECOND ECG AND RISK OF ACUTE EXACERBATIONS OF COPD: A SECONDARY ANALYSIS OF BLOCK COPD. <i>Chest</i> , 2021, 160, A1773-A1775.	0.4	0
11	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
12	Dyspnea Postpulmonary Embolism From Physiological Dead Space Proportion and Stroke Volume Defects During Exercise. <i>Chest</i> , 2020, 157, 936-944.	0.4	29
13	Response. <i>Chest</i> , 2020, 158, 1781-1782.	0.4	1
14	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
15	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
16	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
17	Physiologic Effects of Oxygen Supplementation During Exercise in Chronic Obstructive Pulmonary Disease. <i>Clinics in Chest Medicine</i> , 2019, 40, 385-395.	0.8	7
18	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

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19	Diffusing Capacity of Carbon Monoxide in Assessment of COPD. <i>Chest</i> , 2019, 156, 1111-1119.	0.4	58
20	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
21	Physiologic Insights from the COPD Genetic Epidemiology Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 256-266.	0.5	9
22	Effect of tiotropium on spontaneous expiratory flow-volume curves during exercise in GOLD 1-2 COPD. <i>Respiratory Physiology and Neurobiology</i> , 2018, 251, 8-15.	0.7	8
23	Reliability and Physiological Interpretation of Pulmonary Gas Exchange by Circulatory Equivalents in Chronic Heart Failure. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	4
24	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018, 153, 65-76.	0.4	36
25	Current Status of Pulmonary Rehabilitation: Introductory Remarks on Pulmonary Rehabilitation, the Importance and the Practice. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 215-218.	0.7	2
26	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
27	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
28	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
29	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
30	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. <i>Chest</i> , 2016, 150, 1080-1090.	0.4	39
31	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
32	Biological quality control for cardiopulmonary exercise testing in multicenter clinical trials. <i>BMC Pulmonary Medicine</i> , 2016, 16, 13.	0.8	10
33	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
34	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
35	Effect of Megestrol Acetate and Testosterone on Body Composition and Hormonal Responses in COPD Cachexia. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2016, 3, 389-397.	0.5	7
36	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

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37	Diagnostic Value of Isolated Prebronchodilator FEV 3 /FEV 6 Abnormality in Early Undiagnosed COPD. Chest, 2015, 148, 749A.	0.4	0
38	Cluster Analysis in Patients with GOLD 1 Chronic Obstructive Pulmonary Disease. PLoS ONE, 2015, 10, e0123626.	1.1	14
39	Instantaneous quantification of skeletal muscle activation, power production, and fatigue during cycle ergometry. Journal of Applied Physiology, 2015, 118, 646-654.	1.2	32
40	Factors Affecting Daily Physical Activity and Physical Performance in Maintenance Dialysis Patients. , 2015, 25, 217-222.		37
41	Selecting Constant Work Rates for Endurance Testing in COPD: The Role of the Power-Duration Relationship. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 131101114106009.	0.7	32
42	The Continuum of Physiological Impairment during Treadmill Walking in Patients with Mild-to-Moderate COPD: Patient Characterization Phase of a Randomized Clinical Trial. PLoS ONE, 2014, 9, e96574.	1.1	32
43	An official European Respiratory Society statement on physical activity in COPD. European Respiratory Journal, 2014, 44, 1521-1537.	3.1	398
44	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? No. Chest, 2014, 146, 538-541.	0.4	20
45	Effects of Tiotropium on Hyperinflation and Treadmill Exercise Tolerance in Mild to Moderate Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2014, 11, 1351-1361.	1.5	51
46	Daily physical activity and physical function in adult maintenance hemodialysis patients. Journal of Cachexia, Sarcopenia and Muscle, 2014, 5, 209-220.	2.9	52
47	Relation Between Anxiety, Depression, and Physical Activity and Performance in Maintenance Hemodialysis Patients. , 2014, 24, 252-260.		43
48	Rebuttal From Drs Hansen and Porszasz. Chest, 2014, 146, 542-544.	0.4	7
49	Re-Defining Lower Limit of Normal for FEV1/FEV6, FEV1/FVC, FEV3/FEV6 and FEV3/FVC to Improve Detection of Airway Obstruction. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2014, 2, 94-102.	0.5	15
50	A new method for instantaneous quantification of leg muscle fatigue during cycle ergometry (LB797). FASEB Journal, 2014, 28, LB797.	0.2	0
51	Physiologic Effects of an Ambulatory Ventilation System in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 334-342.	2.5	34
52	Noninvasive assessment of normality of V D/V T in clinical cardiopulmonary exercise testing utilizing incremental cycle ergometry. European Journal of Applied Physiology, 2013, 113, 33-40.	1.2	14
53	Sinusoidal high-intensity exercise does not elicit ventilatory limitation in chronic obstructive pulmonary disease. Experimental Physiology, 2013, 98, 1102-1114.	0.9	18
54	Judging Bronchodilator Responses: Are Current Guidelines Acceptable?. Chest, 2013, 144, 700A.	0.4	0

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55	Sex Differences in Physical Activity Levels and Dyspnea in Mild-to-Moderate COPD. Chest, 2013, 144, 691A.	0.4	0
56	Effects of Noninvasive Open Ventilator on the Tidal Volume and Inspiratory Effort During Exercise in Severe COPD. Chest, 2013, 144, 734A.	0.4	0
57	Long-term Comparative Immunogenicity of Protein Conjugate and Free Polysaccharide Pneumococcal Vaccines in Chronic Obstructive Pulmonary Disease. Clinical Infectious Diseases, 2012, 55, e35-e44.	2.9	50
58	Exhaled Breath Condensates: Analyzing the Expiratory Plume. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 803-804.	2.5	19
59	Results From A Multi-Center Cardiopulmonary Exercise Physiological Quality Control Protocol. , 2012, , .		1
60	Comment on 'The effect of temperature on exhaled breath condensate collection'. Journal of Breath Research, 2012, 6, 048001.	1.5	3
61	Six-Minute Walk Distance Predictors, Including CT Scan Measures, in the COPDGene Cohort. Chest, 2012, 141, 867-875.	0.4	41
62	Testosterone and resistance training effects on muscle nitric oxide synthase isoforms in COPD men. Respiratory Medicine, 2012, 106, 269-275.	1.3	21
63	Influence of Lightweight Ambulatory Oxygen on Oxygen Use and Activity Patterns of COPD Patients Receiving Long-Term Oxygen Therapy. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 3-11.	0.7	50
64	The role of myostatin on skeletal muscle energy metabolism during rest and exercise. FASEB Journal, 2012, 26, lb788.	0.2	0
65	Acclidinium bromide improves exercise endurance and lung hyperinflation in patients with moderate to severe COPD. Respiratory Medicine, 2011, 105, 580-587.	1.3	96
66	Assessment of Exhaled Breath Condensate pH. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 952-952.	2.5	5
67	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
68	Why Conventional Exhaled Breath Condensate pH Studies Cannot Provide Reliable Estimates of Airway Acidification. Chest, 2011, 140, 1099.	0.4	3
69	Clarifying the equation for modeling of \dot{V}_E kinetics above the lactate threshold. Journal of Applied Physiology, 2010, 109, 1283-1284.	1.2	25
70	Letter to the Editor Response. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2010, 7, 445-446.	0.7	0
71	Breath-by-breath quantification of progressive airflow limitation during exercise in COPD: A new method. Respiratory Medicine, 2010, 104, 389-396.	1.3	25
72	Methodology for Using Long-Term Accelerometry Monitoring to Describe Daily Activity Patterns in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 121-129.	0.7	75

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73	Physiological responses to linear treadmill and cycle ergometer exercise in COPD. <i>European Respiratory Journal</i> , 2009, 34, 605-615.	3.1	67
74	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
75	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
76	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
77	Supervised high intensity continuous and interval training vs. self-paced training in COPD. <i>Respiratory Medicine</i> , 2007, 101, 2297-2304.	1.3	69
78	Continuous Laryngoscopy Exercise Test: A Method for Visualizing Laryngeal Dysfunction During Exercise. <i>Laryngoscope</i> , 2007, 117, 1508-1509.	1.1	0
79	Equipment, measurements and quality control in clinical exercise testing. , 2007, , 108-128.		13
80	L-Glutamine Therapy Improves Minute Ventilation of Sickle Cell Anemia Patients.. <i>Blood</i> , 2007, 110, 3783-3783.	0.6	0
81	Reduction of Hyperinflation by Pharmacologic and Other Interventions. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 185-189.	3.5	49
82	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
83	Non-linear cardiac output dynamics during ramp-incremental cycle ergometry. <i>European Journal of Applied Physiology</i> , 2005, 93, 634-639.	1.2	42
84	Testosterone Supplementation during Respiratory Rehabilitation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 399-400.	2.5	1
85	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
86	Effects of Heliox Breathing on R-R Interval Variability at Rest and During Exercise in COPD. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S210.	0.2	0
87	Use of Physiological Calibration to Validate Gas Exchange Measurements During Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S27.	0.2	0
88	Effects of Heliox Breathing on R-R Interval Variability at Rest and During Exercise in COPD. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S210.	0.2	0
89	L-Glutamine Therapy Increases Exercise Endurance of Sickle Cell Anemia Patients.. <i>Blood</i> , 2004, 104, 3729-3729.	0.6	0
90	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

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91	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
92	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
93	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
94	Low physical performance in obese adolescent boys with metabolic syndrome. <i>International Journal of Obesity</i> , 2001, 25, 966-970.	1.6	67
95	Musculoskeletal disorders among construction apprentices in Hungary. <i>Central European Journal of Public Health</i> , 2001, 9, 183-7.	0.4	8
96	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
97	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
98	Irish thoracic society. <i>Irish Journal of Medical Science</i> , 1998, 167, 1-13.	0.8	0
99	Exercise Tolerance in Asymptomatic Elderly Men With Fluoroscopically Detected Coronary Artery Calcification. <i>Chest</i> , 1998, 114, 1562-1569.	0.4	1
100	Exhaled Nitric Oxide During Exercise in Primary Pulmonary Hypertension and Pulmonary Fibrosis. <i>Chest</i> , 1997, 111, 44-50.	0.4	67
101	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
102	Effects of hypoxic hypoxia on O_2 uptake and heart rate kinetics during heavy exercise. <i>Journal of Applied Physiology</i> , 1996, 81, 2500-2508.	1.2	169
103	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
104	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
105	Skeletal muscle oxygenation during constant work rate exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 512-519.	0.2	67
106	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
107	Incorrect calculation of breath-by-breath gas exchange following rejected breaths. <i>Journal of Applied Physiology</i> , 1995, 78, 1618-1619.	1.2	0
108	Skeletal muscle oxygenation during constant work rate exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 512-9.	0.2	19

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109	Lactic acidosis as a facilitator of oxyhemoglobin dissociation during exercise. Journal of Applied Physiology, 1994, 76, 1462-1467.	1.2	167
110	Evaluation of a symmetrically disposed Pitot tube flowmeter for measuring gas flow during exercise. Journal of Applied Physiology, 1994, 77, 2659-2665.	1.2	55
111	Gas exchange responses to constant work rate exercise in chronic cardiac failure.. Heart, 1994, 72, 150-155.	1.2	42
112	Femoral vascular occlusion and ventilation during recovery from heavy exercise. Respiration Physiology, 1993, 94, 137-150.	2.8	43
113	The effect of fasting hyperinsulinaemia on physical fitness in obese children. European Journal of Pediatrics, 1990, 149, 570-573.	1.3	12
114	Effect of clonidine (catapresan, St-155) on sympathetic reflexes. Neuroscience Letters, 1977, 4, 281-286.	1.0	2
115	Equipment, measurements and quality control. , 0, , 59-81.		7
116	Resting Physiologic Dead Space as Predictor of Postoperative Pulmonary Complications After Robotic-Assisted Lung Resection: A Pilot Study. Frontiers in Physiology, 0, 13, .	1.3	2