

Ioannis Vogiatzis

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

3,294
citations

159585

30
h-index

168389

53
g-index

97
all docs

97
docs citations

97
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	Validity of Six Activity Monitors in Chronic Obstructive Pulmonary Disease: A Comparison with Indirect Calorimetry. PLoS ONE, 2012, 7, e39198.	2.5	283
2	Validity of physical activity monitors during daily life in patients with COPD. European Respiratory Journal, 2013, 42, 1205-1215.	6.7	243
3	Skeletal Muscle Adaptations to Interval Training in Patients With Advanced COPD. Chest, 2005, 128, 3838-3845.	0.8	179
4	ERS statement on standardisation of cardiopulmonary exercise testing in chronic lung diseases. European Respiratory Review, 2019, 28, 180101.	7.1	167
5	Home-based maintenance tele-rehabilitation reduces the risk for acute exacerbations of COPD, hospitalisations and emergency department visits. European Respiratory Journal, 2017, 49, 1602129.	6.7	156
6	Increasing implementation and delivery of pulmonary rehabilitation: key messages from the new ATS/ERS policy statement. European Respiratory Journal, 2016, 47, 1336-1341.	6.7	109
7	Effect of Pulmonary Rehabilitation on Peripheral Muscle Fiber Remodeling in Patients With COPD in GOLD Stages II to IV. Chest, 2011, 140, 744-752.	0.8	99
8	Prognostic value of variables derived from the six-minute walk test in patients with COPD: Results from the ECLIPSE study. Respiratory Medicine, 2015, 109, 1138-1146.	2.9	77
9	Intercostal muscle blood flow limitation in athletes during maximal exercise. Journal of Physiology, 2009, 587, 3665-3677.	2.9	70
10	Cardiovascular effects of high-intensity interval aerobic training combined with strength exercise in patients with chronic heart failure. A randomized phase III clinical trial. International Journal of Cardiology, 2015, 179, 269-274.	1.7	70
11	Frontal cerebral cortex blood flow, oxygen delivery and oxygenation during normoxic and hypoxic exercise in athletes. Journal of Physiology, 2011, 589, 4027-4039.	2.9	68
12	Factors Limiting Exercise Tolerance in Chronic Lung Diseases. , 2012, 2, 1779-817.		63
13	Intercostal Muscle Blood Flow Limitation during Exercise in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1105-1113.	5.6	56
14	Technical validation of real-world monitoring of gait: a multicentric observational study. BMJ Open, 2021, 11, e050785.	1.9	56
15	Respiratory kinematics by optoelectronic plethysmography during exercise in men and women. European Journal of Applied Physiology, 2005, 93, 581-587.	2.5	55
16	Cognitive impairment in COPD: should cognitive evaluation be part of respiratory assessment?. Breathe, 2017, 13, e1-e9.	1.3	55
17	Use of pedometers as a tool to promote daily physical activity levels in patients with COPD: a systematic review and meta-analysis. European Respiratory Review, 2019, 28, 190039.	7.1	55
18	Walking on common ground: a cross-disciplinary scoping review on the clinical utility of digital mobility outcomes. Npj Digital Medicine, 2021, 4, 149.	10.9	54

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19	A method for assessing heterogeneity of blood flow and metabolism in exercising normal human muscle by near-infrared spectroscopy. <i>Journal of Applied Physiology</i> , 2015, 118, 783-793.	2.5	52
20	Integrated care services: lessons learned from the deployment of the NEXES project. <i>International Journal of Integrated Care</i> , 2015, 15, e006.	0.2	51
21	Mechanisms of Physical Activity Limitation in Chronic Lung Diseases. <i>Pulmonary Medicine</i> , 2012, 2012, 1-11.	1.9	48
22	COPD and exercise: does it make a difference?. <i>Breathe</i> , 2016, 12, e38-e49.	1.3	48
23	Personalized exercise training in chronic lung diseases. <i>Respirology</i> , 2019, 24, 854-862.	2.3	48
24	The physiological basis of rehabilitation in chronic heart and lung disease. <i>Journal of Applied Physiology</i> , 2013, 115, 16-21.	2.5	47
25	Effect of helium breathing on intercostal and quadriceps muscle blood flow during exercise in COPD patients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R1549-R1559.	1.8	46
26	Smartphone-Based Physical Activity Telecoaching in Chronic Obstructive Pulmonary Disease: Mixed-Methods Study on Patient Experiences and Lessons for Implementation. <i>JMIR MHealth and UHealth</i> , 2018, 6, e200.	3.7	46
27	The likelihood of improving physical activity after pulmonary rehabilitation is increased in patients with COPD who have better exercise tolerance. <i>International Journal of COPD</i> , 2018, Volume 13, 3515-3527.	2.3	44
28	Contribution of respiratory muscle blood flow to exercise-induced diaphragmatic fatigue in trained cyclists. <i>Journal of Physiology</i> , 2008, 586, 5575-5587.	2.9	38
29	Effects of hypoxia on diaphragmatic fatigue in highly trained athletes. <i>Journal of Physiology</i> , 2007, 581, 299-308.	2.9	36
30	Long COVID-19 Pulmonary Sequelae and Management Considerations. <i>Journal of Personalized Medicine</i> , 2021, 11, 838.	2.5	36
31	The contribution of intrapulmonary shunts to the alveolar-arterial oxygen difference during exercise is very small. <i>Journal of Physiology</i> , 2008, 586, 2381-2391.	2.9	34
32	Both moderate and severe exacerbations accelerate physical activity decline in COPD patients. <i>European Respiratory Journal</i> , 2018, 51, 1702110.	6.7	34
33	Cerebral cortex oxygen delivery and exercise limitation in patients with COPD. <i>European Respiratory Journal</i> , 2013, 41, 295-301.	6.7	30
34	Intensity of daily physical activity is associated with central hemodynamic and leg muscle oxygen availability in COPD. <i>Journal of Applied Physiology</i> , 2013, 115, 794-802.	2.5	29
35	Determinants of exercise-induced oxygen desaturation including pulmonary emphysema in COPD: Results from the ECLIPSE study. <i>Respiratory Medicine</i> , 2016, 119, 87-95.	2.9	29
36	Walking-related digital mobility outcomes as clinical trial endpoint measures: protocol for a scoping review. <i>BMJ Open</i> , 2020, 10, e038704.	1.9	29

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37	Exercise training for lung transplant candidates and recipients: a systematic review. <i>European Respiratory Review</i> , 2020, 29, 200053.	7.1	27
38	Validity and responsiveness of the Daily- and Clinical visit-PROactive Physical Activity in COPD (D-PPAC) Tj ETQq0 0,0 rgBT /Overlock 10	5.6	26
39	<p>Progression of physical inactivity in COPD patients: the effect of time and climate conditions â€“ a multicenter prospective cohort study<p>. <i>International Journal of COPD</i> , 2019, Volume 14, 1979-1992.	2.3	25
40	Pulmonary rehabilitation for patients with COPD during and after an exacerbation-related hospitalisation: back to the future?. <i>European Respiratory Journal</i> , 2018, 51, 1701312.	6.7	24
41	Cardiac output measurement during exercise in COPD: A comparison of dye dilution and impedance cardiography. <i>Clinical Respiratory Journal</i> , 2019, 13, 222-231.	1.6	24
42	Objectively Measured Physical Activity in Patients with COPD: Recommendations from an International Task Force on Physical Activity. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 528-550.	0.7	24
43	Six-minute walk distance in patients with chronic obstructive pulmonary disease. <i>Chronic Respiratory Disease</i> , 2015, 12, 111-119.	2.4	22
44	Interval training induces clinically meaningful effects in daily activity levels in COPD. <i>European Respiratory Journal</i> , 2016, 48, 567-570.	6.7	21
45	Blood flow does not redistribute from respiratory to leg muscles during exercise breathing heliox or oxygen in COPD. <i>Journal of Applied Physiology</i> , 2014, 117, 267-276.	2.5	20
46	Near-infrared spectroscopy using indocyanine green dye for minimally invasive measurement of respiratory and leg muscle blood flow in patients with COPD. <i>Journal of Applied Physiology</i> , 2018, 125, 947-959.	2.5	20
47	Physiological basis of cardiopulmonary rehabilitation in patients with lung or heart disease. <i>Breathe</i> , 2015, 11, 120-127.	1.3	19
48	Patients' perspective on pulmonary rehabilitation: experiences of European and American individuals with chronic respiratory diseases. <i>ERJ Open Research</i> , 2018, 4, 00085-2018.	2.6	19
49	Heterogeneity of blood flow and metabolism during exercise in patients with chronic obstructive pulmonary disease. <i>Respiratory Physiology and Neurobiology</i> , 2017, 237, 42-50.	1.6	18
50	Standardisation of cardiopulmonary exercise testing in chronic lung diseases: summary of key findings from the ERS task force. <i>European Respiratory Journal</i> , 2019, 54, 1901441.	6.7	18
51	Greater exercise tolerance in COPD during acute interval, compared to equivalent constantâ€load, cycle exercise: physiological mechanisms. <i>Journal of Physiology</i> , 2020, 598, 3613-3629.	2.9	17
52	Behavioural modification interventions alongside pulmonary rehabilitation improve COPD patientsâ€™ experiences of physical activity. <i>Respiratory Medicine</i> , 2021, 180, 106353.	2.9	17
53	Objectively Measured Physical Activity as a COPD Clinical Trial Outcome. <i>Chest</i> , 2021, 160, 2080-2100.	0.8	17
54	Effects of exercise-induced arterial hypoxaemia and work rate on diaphragmatic fatigue in highly trained endurance athletes. <i>Journal of Physiology</i> , 2006, 572, 539-549.	2.9	16

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55	High-intensity exercise impairs extradiaphragmatic respiratory muscle perfusion in patients with COPD. <i>Journal of Applied Physiology</i> , 2021, 130, 325-341.	2.5	16
56	Dipolarization fronts in the near-Earth space and substorm dynamics. <i>Annales Geophysicae</i> , 2015, 33, 63-74.	1.6	15
57	Limitation in tidal volume expansion partially determines the intensity of physical activity in COPD. <i>Journal of Applied Physiology</i> , 2015, 118, 107-114.	2.5	15
58	Physical Activity Characteristics across GOLD Quadrants Depend on the Questionnaire Used. <i>PLoS ONE</i> , 2016, 11, e0151255.	2.5	15
59	Can muscle protein metabolism be specifically targeted by exercise training in COPD?. <i>Journal of Thoracic Disease</i> , 2018, 10, S1367-S1376.	1.4	14
60	Predictors of Low Physical Function in Patients With COVID-19 With Acute Respiratory Failure Admitted to a Subacute Unit. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 1228-1231.	0.9	14
61	Impact of COVID-19 shielding on physical activity and quality of life in patients with COPD. <i>Breathe</i> , 2020, 16, 200231.	1.3	14
62	Physiological assessment of Olympic windsurfers. <i>European Journal of Sport Science</i> , 2015, 15, 228-234.	2.7	13
63	Inspiratory muscle training for improving inspiratory muscle strength and functional capacity in older adults: a systematic review and meta-analysis. <i>Age and Ageing</i> , 2021, 50, 716-724.	1.6	13
64	Quadriceps muscle blood flow and oxygen availability during repetitive bouts of isometric exercise in simulated sailing. <i>Journal of Sports Sciences</i> , 2011, 29, 1041-1049.	2.0	12
65	Validation of impedance cardiography in pulmonary arterial hypertension. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 254-260.	1.2	12
66	Intermittent Use of Portable NIV Increases Exercise Tolerance in COPD: A Randomised, Cross-Over Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 94.	2.4	12
67	Establishing a Global Standard for Wearable Devices in Sport and Exercise Medicine: Perspectives from Academic and Industry Stakeholders. <i>Sports Medicine</i> , 2021, 51, 2237-2250.	6.5	12
68	Respiratory and locomotor muscle blood flow during exercise in health and chronic obstructive pulmonary disease. <i>Experimental Physiology</i> , 2020, 105, 1990-1996.	2.0	11
69	Effect of interval compared to continuous exercise training on physiological responses in patients with chronic respiratory diseases: A systematic review and meta-analysis. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312110415.	2.4	11
70	Can health status questionnaires be used as a measure of physical activity in COPD patients?. <i>European Respiratory Journal</i> , 2016, 47, 1565-1568.	6.7	9
71	Patterns of Physical Activity Progression in Patients With COPD. <i>Archivos De Bronconeumologia</i> , 2021, 57, 214-223.	0.8	9
72	Role of cardiac CT in the diagnostic evaluation and risk stratification of patients with myocardial infarction and non-obstructive coronary arteries (MINOCA): rationale and design of the MINOCA-GR study. <i>BMJ Open</i> , 2022, 12, e054698.	1.9	8

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73	Improvement in respiratory muscle O ₂ delivery is associated with less dyspnoea during exercise in COPD. <i>Clinical Respiratory Journal</i> , 2018, 12, 1308-1310.	1.6	7
74	Near infrared spectroscopy for the assessment of peripheral tissue oxygenation in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2016, 48, 1224-1227.	6.7	6
75	Cerebral oxygen availability during exercise in COPD patients with cognitive impairment. <i>Respiratory Physiology and Neurobiology</i> , 2018, 254, 64-72.	1.6	6
76	Benefits of pulmonary rehabilitation in COPD patients with mild cognitive impairment – A pilot study. <i>Respiratory Medicine</i> , 2021, 185, 106478.	2.9	6
77	A study of clinical and physiological relations of daily physical activity in precapillary pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2017, 123, 851-859.	2.5	5
78	Implementation of digital health interventions in respiratory medicine: a call to action by the European Respiratory Society m-Health/e-Health Group. <i>ERJ Open Research</i> , 2020, 6, 00281-2019.	2.6	5
79	Contrasting the physiological effects of heliox and oxygen during exercise in a patient with advanced COPD. <i>Breathe</i> , 2019, 15, 250-257.	1.3	4
80	Effect of portable non-invasive ventilation on exercise tolerance in COPD: One size does not fit all. <i>Respiratory Physiology and Neurobiology</i> , 2020, 277, 103436.	1.6	3
81	ERS International Congress 2020: highlights from the General Pneumology Assembly. <i>ERJ Open Research</i> , 2021, 7, 00841-2020.	2.6	3
82	Dynamic near-infrared spectroscopy assessment as an important tool to explore pulmonary arterial hypertension pathophysiology. <i>European Respiratory Journal</i> , 2017, 49, 1602161.	6.7	2
83	Exertional dyspnea after myocardial infarction: thinking beyond the diagnosis of heart failure. <i>Journal of International Medical Research</i> , 2018, 46, 4769-4774.	1.0	2
84	Ergogenic value of oxygen supplementation in chronic obstructive pulmonary disease. <i>Internal and Emergency Medicine</i> , 2022, 17, 1277-1286.	2.0	2
85	Clinical highlights from Amsterdam. <i>ERJ Open Research</i> , 2016, 2, 00031-2016.	2.6	1
86	Hemodynamic effects of portable non-invasive ventilation in healthy men. <i>Respiratory Physiology and Neurobiology</i> , 2019, 268, 103248.	1.6	1
87	A new era for Assembly 1: general pneumology. <i>Breathe</i> , 2019, 15, 147-148.	1.3	1
88	Efficacy and Safety of flecainide p.os. in cardioversion of recent-onset atrial fibrillation. <i>Annals of Medical Research</i> , 2021, 28, 1400.	0.1	1
89	Reply to Engel and Vemulpad. <i>Journal of Applied Physiology</i> , 2015, 118, 1087-1087.	2.5	0
90	Clinical highlights: messages from Munich. <i>ERJ Open Research</i> , 2015, 1, 00002-2015.	2.6	0

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91	Is Two Better Than One? The Impact of Doubling Training Volume in Severe COPD: A Randomized Controlled Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 1052.	2.4	0
92	Acute postpartum dyspnea: is it a simple or a complicated item?. <i>European Journal of Medical Case Reports</i> , 0, , 209-213.	0.0	0
93	Ergogenic Value of Oxygen Supplementation in Patients with Idiopathic Pulmonary Fibrosis with Isolated Exertional Oxygen Desaturation. <i>Respiration</i> , 2021, 100, 461-462.	2.6	0
94	Acute thoracoabdominal and hemodynamic responses to tapered flow resistive loading in healthy adults. <i>Respiratory Physiology and Neurobiology</i> , 2021, 286, 103617.	1.6	0
95	Extradiaphragmatic respiratory muscle perfusion during exercise in patients with COPD: impact on dyspnea. <i>Jornal Brasileiro De Pneumologia</i> , 2021, 47, e20210212.	0.7	0