Silvia Pogliaghi

List of Publications by Year in Descending Order

73 papers	1,473 citations	22 h-index	37 g-index
104 ext. papers	1,780 ext. citations	2.3 avg, IF	4.73 L-index

#	Paper	IF	Citations
73	Transient speeding of V O kinetics following acute sessions of sprint interval training: Similar exercise dose but different outcomes in older and young adults.. *Experimental Gerontology*, **2022**, 111826	4.5	0
72	Ramp vs. step tests: valid alternatives to determine the maximal lactate steady-state intensity?. *European Journal of Applied Physiology*, **2021**, 121, 1899-1907	3.4	6
71	Evaluating the Accuracy of Using Fixed Ranges of METs to Categorize Exertional Intensity in a Heterogeneous Group of Healthy Individuals: Implications for Cardiorespiratory Fitness and Health Outcomes. *Sports Medicine*, **2021**, 51, 2411-2421	10.6	5
70	Quantitative and Qualitative Running Gait Analysis through an Innovative Video-Based Approach. *Sensors*, **2021**, 21,	3.8	3
69	Metabolic instability vs fibre recruitment contribution to the [Formula: see text]slow component in different exercise intensity domains. *Pflugers Archiv European Journal of Physiology*, **2021**, 473, 873-882	4.6	1
68	Repeated passive mobilization to stimulate vascular function in individuals of advanced age who are chronically bedridden. A randomized controlled trial. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**,	6.4	2
67	Full characterisation of knee extensorsPfunction in ageing: effect of sex and obesity. *International Journal of Obesity*, **2021**, 45, 895-905	5.5	2
66	Heart rate-index estimates aerobic metabolism in professional soccer players. *Journal of Science and Medicine in Sport*, **2020**, 23, 1208-1214	4.4	1
65	Time-course of running treadmill adaptation in novice treadmill runners. *Journal of Sports Sciences*, **2020**, 38, 2321-2328	3.6	2
64	DAily time use, Physical Activity, quality of care and interpersonal relationships in patients with Schizophrenia spectrum disorders (DiAPASon): an Italian multicentre study. *BMC Psychiatry*, **2020**, 20, 287	4.2	0
63	Prolonged static stretching causes acute, nonmetabolic fatigue and impairs exercise tolerance during severe-intensity cycling. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 902-910	3	3
62	The Vascular Side of Chronic Bed Rest: When a Therapeutic Approach Becomes Deleterious. *Journal of Clinical Medicine*, **2020**, 9,	5.1	7
61	Performance and Anthropometrics of Classic Powerlifters: Which Characteristics Matter?. *Journal of Strength and Conditioning Research*, **2020**,	3.2	3
60	Impact Of Postpartum Exercise On Maternal Health And Infant Physical Activity And Sleep Behaviours. *Medicine and Science in Sports and Exercise*, **2020**, 52, 102-102	1.2	
59	A Critical Evaluation of Current Methods for Exercise Prescription in Women and Men. *Medicine and Science in Sports and Exercise*, **2020**, 52, 466-473	1.2	52
58	Monitoring exercise intensity in diabetes: applicability of "heart rate-index" to estimate oxygen consumption during aerobic and resistance training. *Journal of Endocrinological Investigation*, **2020**, 43, 623-630	5.2	
57	Bioenergetics of the VO slow component between exercise intensity domains. *Pflugers Archiv European Journal of Physiology*, **2020**, 472, 1447-1456	4.6	9

56	Testing the Performance of an Innovative Markerless Technique for Quantitative and Qualitative Gait Analysis. *Sensors*, **2020**, 20,	3.8	2
55	A "Step-Ramp-Step" Protocol to Identify the Maximal Metabolic Steady State. *Medicine and Science in Sports and Exercise*, **2020**, 52, 2011-2019	1.2	20
54	Translating Ramp V□O2 into Constant Power Output: A Novel Strategy that Minds the Gap. *Medicine and Science in Sports and Exercise*, **2020**, 52, 2020-2028	1.2	13
53	Testing The Performance Of An Innovative Video-based Technique For Gait Analysis. *Medicine and Science in Sports and Exercise*, **2020**, 52, 938-938	1.2	
52	Respiratory and muscular response to acute non-metabolic fatigue during ramp incremental cycling. *Respiratory Physiology and Neurobiology*, **2019**, 270, 103281	2.8	3
51	Response. *Medicine and Science in Sports and Exercise*, **2019**, 51, 603	1.2	2
50	Aerobic Interval Training Impacts Muscle and Brain Oxygenation Responses to Incremental Exercise. *Frontiers in Physiology*, **2019**, 10, 1195	4.6	5
49	Noninvasive and in vivo assessment of upper and lower limb skeletal muscle oxidative metabolism activity and microvascular responses to glucose ingestion in humans. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 1105-1111	3	9
48	Response. *Medicine and Science in Sports and Exercise*, **2019**, 51, 830	1.2	3
47	Reliability of microvascular responsiveness measures derived from near-infrared spectroscopy across a variety of ischemic periods in young and older individuals. *Microvascular Research*, **2019**, 122, 117-124	3.7	23
46	Quantification of energy expenditure of military loaded runs: what is the performance of laboratory-based equations when applied to the field environment?. *Journal of the Royal Army Medical Corps*, **2018**, 164, 253-258	0.8	6
45	Measurement of a True [Formula: see text]O during a Ramp Incremental Test Is Not Confirmed by a Verification Phase. *Frontiers in Physiology*, **2018**, 9, 143	4.6	29
44	Passive Mobilization-induced Vascular Function. *Medicine and Science in Sports and Exercise*, **2018**, 50, 237	1.2	
43	Heart Rate-Index Estimates Oxygen Uptake, Energy Expenditure and Aerobic Fitness in Rugby Players. *Journal of Sports Science and Medicine*, **2018**, 17, 633-639	2.7	4
42	Passive mobilization-induced vascular function adaptations in bedridden oldest-old.. *FASEB Journal*, **2018**, 32, 722.33	0.9	
41	Critical power: How different protocols and models affect its determination. *Journal of Science and Medicine in Sport*, **2018**, 21, 742-747	4.4	37
40	Commentaries on Viewpoint: V o is an acceptable estimate of cardiorespiratory fitness but not V o. *Journal of Applied Physiology*, **2018**, 125, 966-967	3.7	3
39	Effect of Endurance and Strength Training on the Slow Component of Kinetics in Elderly Humans. *Frontiers in Physiology*, **2018**, 9, 1353	4.6	3

38	The Respiratory Compensation Point and the Deoxygenation Break Point Are Valid Surrogates for Critical Power and Maximum Lactate Steady State. *Medicine and Science in Sports and Exercise*, **2018**, 50, 2375-2378	1.2	28
37	An equation to predict the maximal lactate steady state from ramp-incremental exercise test data in cycling. *Journal of Science and Medicine in Sport*, **2018**, 21, 1274-1280	4.4	20
36	Identification of critical intensity from a single lactate measure during a 3-min, submaximal cycle-ergometer test. *Journal of Sports Sciences*, **2017**, 35, 2191-2197	3.6	3
35	Response to Letter from Tremblay & King: Near-infrared spectroscopy: can it measure conduit artery endothelial function?. *Experimental Physiology*, **2017**, 102, 128-129	2.4	3
34	Single Sprint Interval Training Session Induces Faster VO2 Kinetics that is Sustained for 72 Hours. *Medicine and Science in Sports and Exercise*, **2017**, 49, 638-639	1.2	
33	Player's success prediction in rugby union: From youth performance to senior level placing. *Journal of Science and Medicine in Sport*, **2017**, 20, 409-414	4.4	11
32	Gokyo Khumbu/Ama Dablam Trek 2012: effects of physical training and high-altitude exposure on oxidative metabolism, muscle composition, and metabolic cost of walking in women. *European Journal of Applied Physiology*, **2016**, 116, 129-44	3.4	13
31	The slow component of pulmonary O2 uptake accompanies peripheral muscle fatigue during high-intensity exercise. *Journal of Applied Physiology*, **2016**, 121, 493-502	3.7	27
30	Vascular responsiveness measured by tissue oxygen saturation reperfusion slope is sensitive to different occlusion durations and training status. *Experimental Physiology*, **2016**, 101, 1309-1318	2.4	31
29	Attrition in Italian Ranger trainees during special forces training program: a preliminary investigation. *Sport Sciences for Health*, **2016**, 12, 479-483	1.3	1
28	Aging: a portrait from gene expression profile in blood cells. *Aging*, **2016**, 8, 1802-21	5.6	9
27	Repeatability of vascular responsiveness measures derived from near-infrared spectroscopy. *Physiological Reports*, **2016**, 4, e12772	2.6	48
26	Vascular responsiveness determined by near-infrared spectroscopy measures of oxygen saturation. *Experimental Physiology*, **2016**, 101, 34-40	2.4	62
25	Determination of respiratory point compensation in healthy adults: Can non-invasive near-infrared spectroscopy help?. *Journal of Science and Medicine in Sport*, **2015**, 18, 590-5	4.4	46
24	Exercise Intensity Thresholds: Identifying the Boundaries of Sustainable Performance. *Medicine and Science in Sports and Exercise*, **2015**, 47, 1932-40	1.2	112
23	Anthropometrics of Italian Senior Male Rugby Union Players: From Elite to Second Division. *International Journal of Sports Physiology and Performance*, **2015**, 10, 674-80	3.5	26
22	Response. *Medicine and Science in Sports and Exercise*, **2015**, 47, 1998-9	1.2	4
21	Effects of eight weeks of aerobic interval training and of isoinertial resistance training on risk factors of cardiometabolic diseases and exercise capacity in healthy elderly subjects. *Oncotarget*, **2015**, 6, 16998-7015	3.3	36

20	"Tailored" submaximal step test for VO2max prediction in healthy older adults. *Journal of Aging and Physical Activity*, **2014**, 22, 261-8	1.6	11
19	Bioenergetics of Cyclic Sports Activities on Land **2013**, 133-142		
18	Duration of "Phase I" VO2p: a comparison of methods used in its estimation and the effects of varying moderate-intensity work rate. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R238-47	3.2	5
17	Accurary of oxygen desaturation of hemoglobin in muscle by near-infrared oximeters. Author reply. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1218	1.2	1
16	Determination of maximal lactate steady state in healthy adults: can NIRS help?. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1208-16	1.2	45
15	Comment on "on the method of fitting cardiac output kinetics in severe exercise" by Richard L. Hughson and Azmy Faisal in Eur J Appl Physiol DOI 10.1007/s00421-010-1787-x. *European Journal of Applied Physiology*, **2012**, 112, 397-8; author reply 399-400	3.4	1
14	Noninvasive estimation of microvascular O2 provision during exercise on-transients in healthy young males. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 303, R815-23	3.2	23
13	Effects of priming exercise on the speed of adjustment of muscle oxidative metabolism at the onset of moderate-intensity step transitions in older adults. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 302, R1158-66	3.2	30
12	Algorithms, modelling and VO□kinetics. *European Journal of Applied Physiology*, **2011**, 111, 331-42	3.4	20
11	Oxygen uptake, cardiac output and muscle deoxygenation at the onset of moderate and supramaximal exercise in humans. *European Journal of Applied Physiology*, **2011**, 111, 1517-27	3.4	22
10	Improved VO2 uptake kinetics and shift in muscle fiber type in high-altitude trekkers. *Journal of Applied Physiology*, **2011**, 111, 1597-605	3.7	35
9	Cardiovascular determinants of maximal oxygen consumption in upright and supine posture at the end of prolonged bed rest in humans. *Respiratory Physiology and Neurobiology*, **2010**, 172, 53-62	2.8	26
8	Comments on point: counterpoint: the kinetics of oxygen uptake during muscular exercise do/do not manifest time-delayed phases. Profiles of the muscle fiber recruitment and the time-delayed slow phase. *Journal of Applied Physiology*, **2009**, 107, 1669	3.7	5
7	Calculation of oxygen uptake efficiency slope based on heart rate reserve end-points in healthy elderly subjects. *European Journal of Applied Physiology*, **2007**, 101, 691-6	3.4	16
6	Adaptations to endurance training in the healthy elderly: arm cranking versus leg cycling. *European Journal of Applied Physiology*, **2006**, 97, 723-31	3.4	44
5	Serial assessment of peak VO2 and VO2 kinetics early after heart transplantation. *Medicine and Science in Sports and Exercise*, **2003**, 35, 1798-804	1.2	21
4	Muscle oxygenation and pulmonary gas exchange kinetics during cycling exercise on-transitions in humans. *Journal of Applied Physiology*, **2003**, 95, 149-58	3.7	320
3	The impact of gender, body dimension and body composition on hand-grip strength in healthy children. *Journal of Endocrinological Investigation*, **2002**, 25, 431-5	5.2	66

2	Influence of low and high dietary fat on physical performance in untrained males. *Medicine and Science in Sports and Exercise*, **1999**, 31, 149-55	1.2	12
1	Effect of gravity on lung exhaled nitric oxide at rest and during exercise. *Respiration Physiology*, **1997**, 107, 157-64		15