

Federica Vannetti

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,125
citations

471509

17
h-index

454955

30
g-index

65
all docs

65
docs citations

65
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	12-month survival in nonagenarians inside the Mugello study: on the way to live a century. <i>BMC Geriatrics</i> , 2022, 22, 194.	2.7	3
2	Predictors of Mortality in 433 Nonagenarians Inside the Mugello Study: A 10 Years Follow-Up Study. <i>Journal of Aging and Health</i> , 2022, 34, 1071-1080.	1.7	1
3	BMI, functional and cognitive status in a cohort of nonagenarians: results from the Mugello study. <i>European Geriatric Medicine</i> , 2021, 12, 379-386.	2.8	6
4	Diagnostic Validity of the Smart Aging Serious Game: An Innovative Tool for Digital Phenotyping of Mild Neurocognitive Disorder. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1789-1801.	2.6	5
5	Wearable Detection of Trunk Flexions: Capacitive Elastomeric Sensors Compared to Inertial Sensors. <i>Sensors</i> , 2021, 21, 5453.	3.8	7
6	Wearable Robots: An Original Mechatronic Design of a Hand Exoskeleton for Assistive and Rehabilitative Purposes. <i>Frontiers in Neurorobotics</i> , 2021, 15, 750385.	2.8	13
7	Monitoring Flexions and Torsions of the Trunk via Gyroscope-Calibrated Capacitive Elastomeric Wearable Sensors. <i>Sensors</i> , 2021, 21, 6706.	3.8	3
8	Cognitive reserve as a useful variable to address robotic or conventional upper limb rehabilitation treatment after stroke: a multicentre study of the Fondazione Don Carlo Gnocchi. <i>European Journal of Neurology</i> , 2020, 27, 392-398.	3.3	18
9	Reliability, validity and discriminant ability of a robotic device for finger training in patients with subacute stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 1.	4.6	118
10	Health profiles and socioeconomic characteristics of nonagenarians residing in Mugello, a rural area in Tuscany (Italy). <i>BMC Geriatrics</i> , 2020, 20, 289.	2.7	2
11	Analysis of Feasibility, Adherence, and Appreciation of a Newly Developed Tele-Rehabilitation Program for People With MCI and VCI. <i>Frontiers in Neurology</i> , 2020, 11, 583368.	2.4	14
12	Time-course of running treadmill adaptation in novice treadmill runners. <i>Journal of Sports Sciences</i> , 2020, 38, 2321-2328.	2.0	5
13	Metabolic syndrome is associated with better quality of sleep in the oldest old: results from the "Mugello Study". <i>Diabetology and Metabolic Syndrome</i> , 2020, 12, 46.	2.7	1
14	Infrared thermographic investigation on the ocular surface temperature of normal subjects. <i>Physiological Measurement</i> , 2020, 41, 045003.	2.1	11
15	Relationship between Lower Limb Kinematics and Upper Trunk Acceleration in Recreational Runners. <i>Journal of Healthcare Engineering</i> , 2020, 2020, 1-7.	1.9	14
16	Is there an obesity paradox in the elderly? Body mass index, functional status and cognitive function in a cohort of nonagenarians: results from the MUGELLO study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 537.	2.6	0
17	Muscle strength is related to mental and physical quality of life in the oldest old. <i>Archives of Gerontology and Geriatrics</i> , 2020, 89, 104109.	3.0	35
18	Population structure of KPC carbapenemase-producing <i>Klebsiella pneumoniae</i> in a long-term acute-care rehabilitation facility: identification of a new lineage of clonal group 101, associated with local hyperendemicity. <i>Microbial Genomics</i> , 2020, 6, .	2.0	14

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19	GOAL (Games for Olders Active Life): A Web-Application for Cognitive Impairment Tele-Rehabilitation. IFMBE Proceedings, 2019, , 177-182.	0.3	5
20	Upper Limb Robotics in Rehabilitation: An Approach to Select the Devices, Based on Rehabilitation Aims, and Their Evaluation in a Feasibility Study. Applied Sciences (Switzerland), 2019, 9, 3920.	2.5	20
21	Vision Optical-Based Evaluation of Senshand Accuracy for Parkinsonâ€™s Disease Motor Assessment. , 2019, , .		3
22	Tailor-Made Hand Exoskeletons at the University of Florence: From Kinematics to Mechatronic Design. Machines, 2019, 7, 22.	2.2	19
23	The Games for Older Adults Active Life (GOAL) Project for People With Mild Cognitive Impairment and Vascular Cognitive Impairment: A Study Protocol for a Randomized Controlled Trial. Frontiers in Neurology, 2019, 9, 1040.	2.4	13
24	Association of Body Fat With Health-Related Quality of Life and Depression in Nonagenarians: The Mugello Study. Journal of the American Medical Directors Association, 2019, 20, 564-568.	2.5	36
25	CLOCK gene polymorphisms and quality of aging in a cohort of nonagenarians â€” The MUGELLO Study. Scientific Reports, 2019, 9, 1472.	3.3	17
26	Association between physical activity and functional and cognitive status in nonagenarians: results from the Mugello study. International Psychogeriatrics, 2019, 31, 901-908.	1.0	3
27	Kinematics-Based Strategy for the Design of a Pediatric Hand Exoskeleton Prototype. Mechanisms and Machine Science, 2019, , 501-508.	0.5	8
28	Model-Based Approach in Developing a Hand Exoskeleton for Children: A Preliminary Study. Biosystems and Biorobotics, 2019, , 490-494.	0.3	2
29	Improvement on the Coma Recovery Scaleâ€™Revised During the First Four Weeks of Hospital Stay Predicts Outcome at Discharge in Intensive Rehabilitation After Severe Brain Injury. Archives of Physical Medicine and Rehabilitation, 2018, 99, 914-919.	0.9	31
30	Gender effect on well-being of the oldest old: a survey of nonagenarians living in Tuscany: the Mugello study. Neurological Sciences, 2018, 39, 509-517.	1.9	10
31	Adherence to Mediterranean diet and nutritional status in a sample of nonagenarians. Experimental Gerontology, 2018, 103, 57-62.	2.8	8
32	Mediterranean Diet, Food Consumption and Risk of Late-Life Depression: The Mugello Study. Journal of Nutrition, Health and Aging, 2018, 22, 569-574.	3.3	31
33	Aging process, adherence to Mediterranean diet and nutritional status in a large cohort of nonagenarians: Effects on endothelial progenitor cells. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 84-90.	2.6	37
34	Predictors of recovering ambulation after hip fracture inpatient rehabilitation. BMC Geriatrics, 2018, 18, 201.	2.7	32
35	Optimization-based scaling procedure for the design of fully portable hand exoskeletons. Meccanica, 2018, 53, 3157-3175.	2.0	16
36	AirExGlove â€” A novel pneumatic exoskeleton glove for adaptive hand rehabilitation in post-stroke patients. , 2018, , .		41

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37	Diversity of the epidemiology of carbapenemase-producing Enterobacteriaceae in long-term acute care rehabilitation settings from an area of hyperendemicity, and evaluation of an intervention bundle. <i>Journal of Hospital Infection</i> , 2018, 100, 29-34.	2.9	18
38	Superficial Electromyography, Motion Analysis and Triggered-Stereo Cameras Technologies Applied to Ultrasound System User Interface Evaluation. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 80-89.	0.6	0
39	Higher uric acid serum levels are associated with better muscle function in the oldest old: Results from the Mugello Study. <i>European Journal of Internal Medicine</i> , 2017, 41, 39-43.	2.2	37
40	Application of an Inertial Measurement Unit for quantitative assessment of Single Leg Squat in recreational runners. <i>Gait and Posture</i> , 2017, 57, 31-32.	1.4	0
41	Hemoglobin concentration is associated with self-reported disability and reduced physical performance in a community dwelling population of nonagenarians: the Mugello Study. <i>Internal and Emergency Medicine</i> , 2017, 12, 1167-1173.	2.0	25
42	Digital Human Models for Automated Ultrasound User Interface Design. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 561-565.	0.3	3
43	An automatic scaling procedure for a wearable and portable hand exoskeleton. , 2016, , .		9
44	The outcome of a modified version of the Cheneau brace in adolescent idiopathic scoliosis (AIS) based on SRS and SOSORT criteria: a retrospective study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2016, 52, 618-629.	2.2	11
45	Usability Characteristics Assessment Protocol Applied to eTouch Ultrasound User-defined workflow Optimization Tool. <i>Procedia Manufacturing</i> , 2015, 3, 104-111.	1.9	6
46	Ergonomic assessment of an active pelvis orthosis. <i>Gait and Posture</i> , 2015, 42, S18-S19.	1.4	1
47	Ergonomics and Workflow Evaluation of Automatic Doppler Angle Technology Implemented in a Diagnostic Ultrasound System. <i>Procedia Manufacturing</i> , 2015, 3, 120-127.	1.9	2
48	Ability to work in anaerobic condition is associated with physical performance on the six-minute walk test in older patients receiving cardiac rehabilitation. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 472-477.	1.1	6
49	Effects in Short and Long Term of Global Postural Reeducation (GPR) on Chronic Low Back Pain: A Controlled Study with One-Year Follow-Up. <i>Scientific World Journal, The</i> , 2015, 2015, 1-8.	2.1	30
50	Pain in patients attending outpatient rehabilitation: results of a pilot study. <i>Internal and Emergency Medicine</i> , 2015, 10, 351-357.	2.0	4
51	A light-weight active orthosis for hip movement assistance. <i>Robotics and Autonomous Systems</i> , 2015, 73, 123-134.	5.1	210
52	Effects of Lower Limb Length and Body Proportions on the Energy Cost of Overground Walking in Older Persons. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	2.1	2
53	The effects on biomechanics of walking and balance recovery in a novel pelvis exoskeleton during zero-torque control. <i>Robotica</i> , 2014, 32, 1317-1330.	1.9	28
54	Relationship between ocular surface temperature and peripheral vasoconstriction in healthy subjects: A thermographic study. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 297-302.	1.8	13

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55	Track I. Biomedizinische Technik, 2014, 59, s490-648.	0.8	1
56	Effects of a structured physical activity intervention on measures of physical performance in frail elderly patients after cardiac rehabilitation: a pilot study with 1-year follow-up. Internal and Emergency Medicine, 2013, 8, 581-589.	2.0	44
57	The Mugello Study, a survey of nonagenarians living in Tuscany: Design, methods and participants' general characteristics. European Journal of Internal Medicine, 2013, 24, 745-749.	2.2	38
58	Higher uric acid levels are associated with better functional recovery in elderly patients receiving cardiac rehabilitation. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1210-1215.	2.6	10
59	Ventilatory strategies in the six-minute walk test in older patients receiving a three-week rehabilitation programme after cardiac surgery through median sternotomy. Journal of Rehabilitation Medicine, 2013, 45, 504-509.	1.1	2
60	The improvement of walking speed after cardiac rehabilitation is associated with the reduction in the metabolic cost of walking in older persons. Gait and Posture, 2012, 35, 458-461.	1.4	3
61	Relationship between Ocular Surface Temperature and Peripheral Vasoconstriction. IFMBE Proceedings, 2011, , 145-149.	0.3	0
62	Oxygen Uptake Kinetics in Older Patients Receiving Postacute Cardiac Rehabilitation. American Journal of Physical Medicine and Rehabilitation, 2010, 89, 953-960.	1.4	6