

Luiz Fernando Martins Kruel

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107
papers

1,504
citations

20
h-index

35
g-index

127
ext. papers

1,829
ext. citations

2.2
avg, IF

4.35
L-index

#	Paper	IF	Citations
107	Echo intensity is associated with skeletal muscle power and cardiovascular performance in elderly men. <i>Experimental Gerontology</i> , 2012 , 47, 473-8	4.5	154
106	The relationship between running economy and biomechanical variables in distance runners. <i>Research Quarterly for Exercise and Sport</i> , 2012 , 83, 367-75	1.9	81
105	Neuromuscular adaptations to concurrent training in the elderly: effects of intrasession exercise sequence. <i>Age</i> , 2013 , 35, 891-903		81
104	Strength prior to endurance intra-session exercise sequence optimizes neuromuscular and cardiovascular gains in elderly men. <i>Experimental Gerontology</i> , 2012 , 47, 164-9	4.5	75
103	Use of NSAIDs in triathletes: prevalence, level of awareness and reasons for use. <i>British Journal of Sports Medicine</i> , 2011 , 45, 85-90	10.3	73
102	Correlations between serum and salivary hormonal concentrations in response to resistance exercise. <i>Journal of Sports Sciences</i> , 2008 , 26, 1067-72	3.6	60
101	Effects of aerobic, resistance, and combined exercise training on insulin resistance markers in overweight or obese children and adolescents: A systematic review and meta-analysis. <i>Preventive Medicine</i> , 2016 , 93, 211-218	4.3	59
100	Effects of aerobic exercise performed in fasted v. fed state on fat and carbohydrate metabolism in adults: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2016 , 116, 1153-1164	3.6	52
99	Cardiorespiratory, neuromuscular and kinematic responses to stationary running performed in water and on dry land. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1157-66	3.4	45
98	Hormonal responses to resistance exercise in long-term trained and untrained middle-aged men. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 1617-24	3.2	39
97	Effects of two deep water training programs on cardiorespiratory and muscular strength responses in older adults. <i>Experimental Gerontology</i> , 2015 , 64, 55-61	4.5	31
96	Neuromuscular economy, strength, and endurance in healthy elderly men. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 997-1003	3.2	31
95	Analysis of muscle activation during different leg press exercises at submaximum effort levels. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 1059-65	3.2	31
94	Efficiency of twice weekly concurrent training in trained elderly men. <i>Experimental Gerontology</i> , 2013 , 48, 1236-42	4.5	29
93	Freqüência cardíaca e percepção subjetiva do esforço no meio aquático: diferenças em relação ao meio terrestre e aplicações na prescrição do exercício - uma revisão. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006 , 12, 221-228	0.5	29
92	Efeitos da atividade física na densidade mineral óssea e na remodelação do tecido ósseo. <i>Revista Brasileira De Medicina Do Esporte</i> , 2005 , 11, 373-379	0.5	28
91	Effects of Different Concurrent Resistance and Aerobic Training Frequencies on Muscle Power and Muscle Quality in Trained Elderly Men: A Randomized Clinical Trial 2016 , 7, 697-704		23

90	Electromyographic signal and force comparisons during maximal voluntary isometric contraction in water and on dry land. <i>European Journal of Applied Physiology</i> , 2010 , 110, 1075-82	3.4	22
89	Non-steroidal anti-inflammatory use in the XV Pan-American Games (2007). <i>British Journal of Sports Medicine</i> , 2011 , 45, 91-4	10.3	21
88	Effect of traditional resistance and power training using rated perceived exertion for enhancement of muscle strength, power, and functional performance. <i>Age</i> , 2016 , 38, 42		20
87	Water-based exercise and quality of life in women: the role of depressive symptoms. <i>Women and Health</i> , 2014 , 54, 161-75	1.7	20
86	The benefits of a high-intensity aquatic exercise program (HydrOS) for bone metabolism and bone mass of postmenopausal women. <i>Journal of Bone and Mineral Metabolism</i> , 2014 , 32, 411-9	2.9	20
85	Gait parameters of Parkinson's disease compared with healthy controls: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021 , 11, 752	4.9	20
84	Glucose control can be similarly improved after aquatic or dry-land aerobic training in patients with type 2 diabetes: A randomized clinical trial. <i>Journal of Science and Medicine in Sport</i> , 2016 , 19, 688-93	4.4	19
83	Vertical ground reaction force responses to different head-out aquatic exercises performed in water and on dry land. <i>Journal of Sports Sciences</i> , 2015 , 33, 795-805	3.6	18
82	High-intensity aquatic exercises (HydrOS) improve physical function and reduce falls among postmenopausal women. <i>Menopause</i> , 2013 , 20, 1012-9	2.5	18
81	Continuous and interval training programs using deep water running improves functional fitness and blood pressure in the older adults. <i>Age</i> , 2016 , 38, 20		17
80	Effects of different strength training methods on postexercise energetic expenditure. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 2255-60	3.2	16
79	Water-based aerobic training improves strength parameters and cardiorespiratory outcomes in elderly women. <i>Experimental Gerontology</i> , 2018 , 108, 231-239	4.5	15
78	Rating of perceived exertion in maximal incremental tests during head-out water-based aerobic exercises. <i>Journal of Sports Sciences</i> , 2016 , 34, 1691-8	3.6	14
77	Quality of life and sleep quality are similarly improved after aquatic or dry-land aerobic training in patients with type 2 diabetes: A randomized clinical trial. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 483-488	4.4	13
76	Nonsteroidal anti-inflammatory drug use and endurance during running in male long-distance runners. <i>Journal of Athletic Training</i> , 2015 , 50, 295-302	4	12
75	Acute exercise and periodized training in different environments affect histone deacetylase activity and interleukin-10 levels in peripheral blood of patients with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018 , 141, 132-139	7.4	11
74	Fetal heart rate responses during maternal resistance exercise: a pilot study. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2015 , 37, 133-9	1.1	11
73	A Percepçã de Esforçõ no Treinamento de Forçã. <i>Revista Brasileira De Medicina Do Esporte</i> , 2010 , 16, 301-309	0.5	11

72	The influence of the allometric scale on the relationship between running economy and biomechanical variables in distance runners. <i>Biology of Sport</i> , 2009 , 26, 263-273	4.3	11
71	Glycemic reductions following water- and land-based exercise in patients with type 2 diabetes mellitus. <i>Complementary Therapies in Clinical Practice</i> , 2016 , 24, 73-7	3.5	11
70	Effect of Strength Training on Lipid and Inflammatory Outcomes: Systematic Review With Meta-Analysis and Meta-Regression. <i>Journal of Physical Activity and Health</i> , 2019 , 16, 477-491	2.5	10
69	Heart rate deflection point as an alternative method to identify the anaerobic threshold in patients with type 2 diabetes. <i>Apunts Medicine De L'Esport</i> , 2015 , 50, 123-128	0.6	10
68	Physiological Comparisons Between Aquatic Resistance Training Protocols With and Without Equipment. <i>Journal of Strength and Conditioning Research</i> , 2012 , 26, 276-283	3.2	10
67	Active Female Maximal and Anaerobic Threshold Cardiorespiratory Responses to Six Different Water Aerobics Exercises. <i>Research Quarterly for Exercise and Sport</i> , 2015 , 86, 267-73	1.9	9
66	Aquatic Training in Upright Position as an Alternative to Improve Blood Pressure in Adults and Elderly: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2018 , 48, 1727-1737	10.6	9
65	The Role of Aerobic Training Variables Progression on Glycemic Control of Patients with Type 2 Diabetes: a Systematic Review with Meta-analysis. <i>Sports Medicine - Open</i> , 2019 , 5, 22	6.1	8
64	Acute glycemic and pressure responses of continuous and interval aerobic exercise in patients with type 2 diabetes. <i>Clinical and Experimental Hypertension</i> , 2018 , 40, 179-185	2.2	8
63	Effect of aquatic exercise training on lipids profile and glycaemia: A systematic review. <i>Revista Andaluza De Medicina Del Deporte</i> , 2015 , 8, 163-170	1	8
62	Cardiorespiratory Responses of Post-Menopausal Women to Different Water Exercises. <i>International Journal of Aquatic Research and Education</i> , 2007 , 1,	1.1	8
61	The Effects of Strength Training in Hydrogymnastics for Middle-Age Women. <i>International Journal of Aquatic Research and Education</i> , 2010 , 4,	1.1	8
60	Application of the allometric scale for the submaximal oxygen uptake in runners and rowers. <i>Biology of Sport</i> , 2010 , 27, 297-300	4.3	8
59	Water-Based Aerobic Training Successfully Improves Lipid Profile of Dyslipidemic Women: A Randomized Controlled Trial. <i>Research Quarterly for Exercise and Sport</i> , 2018 , 89, 173-182	1.9	7
58	Running efficiency and long-distance performance prediction: Influence of allometric scaling. <i>Science and Sports</i> , 2013 , 28, 165-171	0.8	7
57	Effects of Single Vs. Multiple Sets Water-Based Resistance Training on Maximal Dynamic Strength in Young Men. <i>Journal of Human Kinetics</i> , 2015 , 47, 169-77	2.6	7
56	Influência da imersão nas respostas cardiorrespiratórias em repouso. <i>Revista Brasileira De Medicina Do Esporte</i> , 2009 , 15, 228-232	0.5	7
55	Respostas de frequência cardíaca, consumo de oxigênio e sensação subjetiva ao esforço em um exercício de hidroginástica executado por mulheres em diferentes situações com e sem o equipamento aquafins. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008 , 14, 357-361	0.5	7

54	Respostas cardiorrespiratórias máximas e no limiar anaeróbio da corrida em piscina funda. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2015 , 17, 41	0.1	7
53	Rating of Perceived Exertion and Physiological Responses in Water-Based Exercise. <i>Journal of Human Kinetics</i> , 2015 , 49, 99-108	2.6	6
52	Strength training prior to endurance exercise: impact on the neuromuscular system, endurance performance and cardiorespiratory responses. <i>Journal of Human Kinetics</i> , 2014 , 44, 171-81	2.6	6
51	Horizontal ground reaction forces to stationary running performed in the water and on dry land at different physiological intensities. <i>European Journal of Sport Science</i> , 2017 , 17, 1013-1020	3.9	5
50	Treinamento de força diminui os sintomas depressivos e melhora a qualidade de vida relacionada a saúde em idosas. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2015 , 29, 189-196	0.8	5
49	Consumo de oxigênio de recuperação em resposta a duas sessões de treinamento de força com diferentes intensidades. <i>Revista Brasileira De Medicina Do Esporte</i> , 2011 , 17, 132-136	0.5	5
48	Comparação de protocolos para determinação do ângulo de pronação subtalar. <i>Acta Ortopedica Brasileira</i> , 2010 , 18, 122-126	0.6	5
47	Comportamento da frequência cardíaca e da pressão arterial, ao longo da gestação, com treinamento no meio líquido. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006 , 12, 376-380	0.5	5
46	Stress and recovery perception, creatine kinase levels, and performance parameters of male volleyball athletes in a preseason for a championship. <i>Sports Medicine - Open</i> , 2020 , 6, 26	6.1	5
45	Water-based exercises in postmenopausal women: Vertical ground reaction force and oxygen uptake responses. <i>European Journal of Sport Science</i> , 2021 , 21, 331-340	3.9	5
44	Kinesiological Analysis of Stationary Running Performed in Aquatic and Dry Land Environments. <i>Journal of Human Kinetics</i> , 2015 , 49, 5-14	2.6	4
43	Fatores relacionados com as respostas da testosterona e do cortisol ao treinamento de força. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008 , 14, 74-78	0.5	4
42	Comportamento da frequência cardíaca, pressão arterial e peso hidrostático de gestantes em diferentes profundidades de imersão. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2004 , 26, 685	1.1	4
41	Comparação do ângulo da articulação subtalar durante velocidades submáximas de corrida. <i>Acta Ortopedica Brasileira</i> , 2005 , 13, 57-60	0.6	4
40	Comparison of Energy Expenditure Between Continuous and Interval Water Aerobic Routines. <i>International Journal of Aquatic Research and Education</i> , 2009 , 3,	1.1	4
39	Water-Based Aerobic and Resistance Training as a Treatment to Improve the Lipid Profile of Women With Dyslipidemia: A Randomized Controlled Trial. <i>Journal of Physical Activity and Health</i> , 2019 , 16, 348-354	2.5	3
38	Effects of supervised exercise training on lipid profile of children and adolescents: Systematic review, meta-analysis and meta-regression. <i>Science and Sports</i> , 2020 , 35, 321-329	0.8	3
37	The effects of water-based strength exercise on quality of life in young women. <i>Sport Sciences for Health</i> , 2016 , 12, 105-112	1.3	3

36	Adaptações neuromusculares ao treinamento de força e concorrente em homens idosos.. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2012 , 14,	0.1	3
35	Efeito do uso profilático do anti-inflamatório não-esteróide ibuprofeno sobre o desempenho em uma sessão de treino de força. <i>Revista Brasileira De Medicina Do Esporte</i> , 2013 , 19, 116-119	0.5	3
34	Caminhada em ambiente aquático e terrestre: revisão de literatura sobre a comparação das respostas neuromusculares e cardiorrespiratórias. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008 , 14, 553-556	0.5	3
33	Muscle Mass and Training Status Do Not Affect the Maximum Number of Repetitions in Different Upper-Body Resistance Exercises. <i>The Open Sports Sciences Journal</i> , 2017 , 10, 81-86	0.5	3
32	Oxygen consumption during concurrent training: influence of intra-session exercise sequence and aerobic exercise modality. <i>Biology of Sport</i> , 2018 , 35, 247-252	4.3	3
31	Short-term water-based aerobic training promotes improvements in aerobic conditioning parameters of mature women. <i>Complementary Therapies in Clinical Practice</i> , 2017 , 28, 131-135	3.5	2
30	Effects of Different Models of Water-Based Resistance Training on Muscular Function of Older Women. <i>Research Quarterly for Exercise and Sport</i> , 2019 , 90, 46-53	1.9	2
29	Aquatic and land aerobic training for patients with chronic low back pain: a randomized study. <i>Human Movement</i> , 2019 , 20, 1-8	0.8	2
28	Low- and High-Volume Water-Based Resistance Training Induces Similar Strength and Functional Capacity Improvements in Older Women: A Randomized Study. <i>Journal of Physical Activity and Health</i> , 2018 , 15, 592-599	2.5	2
27	Cardiorespiratory responses during deep water running with and without horizontal displacement at different cadences. <i>Revista Andaluza De Medicina Del Deporte</i> , 2014 , 7, 149-154	1	2
26	The reliability of the one maximum repetition in sedentary, active and strength-trained subjects. <i>Motriz Revista De Educacao Fisica</i> , 2011 , 17, 700-707	0.9	2
25	Comparação das respostas cardiorrespiratórias de um exercício de hidroginástica com e sem deslocamento horizontal nos meios terrestre e aquático. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2010 , 24, 353-362	0.8	2
24	The beneficial effects of a water-based aerobic exercise session on the blood lipids of women with dyslipidemia are independent of their training status. <i>Clinics</i> , 2020 , 75, e1183	2.3	2
23	Physiologic and Kinematical Effects of Water Run Training on Running Performance. <i>International Journal of Aquatic Research and Education</i> , 2009 , 3,	1.1	2
22	Effects of two types of low impact physical training on screen time among overweight adolescents. <i>Journal of Human Growth and Development</i> , 2017 , 27, 294	1.5	2
21	Pilates training improves aerobic capacity, but not lipid or lipoprotein levels in elderly women with dyslipidemia: A controlled trial. <i>Journal of Bodywork and Movement Therapies</i> , 2021 , 26, 227-232	1.6	2
20	Cardiorespiratory responses during and after water exercise in pregnant and non-pregnant women. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2011 , 33, 388-94	1.1	2
19	Neuromuscular responses of elite skaters during different roller figure skating jumps. <i>Journal of Human Kinetics</i> , 2014 , 41, 23-32	2.6	1

18	Comparaçã do ìndice de esforçã percebido e consumo de oxigênio em exercìcio em cicloergômetro entre gestantes e nã-gestantes e entre o exercìcio aquático e terrestre. <i>Revista Brasileira De Medicina Do Esporte</i> , 2012 , 18, 13-16	0.5	1
17	Does Complex Training Enhance Vertical Jump Performance and Muscle Power in Elite Male Volleyball Players?. <i>International Journal of Sports Physiology and Performance</i> , 2022 , 1-8	3.5	1
16	Consumo de oxigênio e ìndice de esforçã percebido em diferentes ritmos de execuçã na hidroginástica. <i>Motriz Revista De Educacao Fisica</i> , 2012 , 18, 423-431	0.9	1
15	Combined Training in the Treatment of Type 2 Diabetes Mellitus: A Review. <i>Health</i> , 2017 , 09, 1605-1617	0.4	1
14	Short and long-term effects of water-based aerobic and concurrent training on cardiorespiratory capacity and strength of older women. <i>Experimental Gerontology</i> , 2020 , 142, 111-103	4.5	1
13	Exercise Training and Neuromuscular Parameters in Patients With Type 1 Diabetes: Systematic Review and Meta-Analysis. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 748-756	2.5	1
12	Supersets do not change energy expenditure during strength training sessions in physically active individuals. <i>Journal of Exercise Science and Fitness</i> , 2016 , 14, 41-46	3.1	1
11	Statin Use Improves Cardiometabolic Protection Promoted By Physical Training in an Aquatic Environment: A Randomized Clinical Trial. <i>Arquivos Brasileiros De Cardiologia</i> , 2021 , 117, 270-278	1.2	1
10	Effects of 2 Models of Aquatic Exercise Training on Cardiorespiratory Responses of Patients With Type 2 Diabetes: The Diabetes and Aquatic Training Study-A Randomized Controlled Trial. <i>Journal of Physical Activity and Health</i> , 2020 , 17, 1091-1099	2.5	0
9	Glycemic Threshold as an Alternative Method to Identify the Anaerobic Threshold in Patients With Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2018 , 9, 1609	4.6	0
8	Periodized exercise performed in aquatic or dry land environments improves circulating reactive species and 8-isoprostane levels without any impact on total antioxidant capacity in patients with type 2 diabetes mellitus. <i>Obesity Medicine</i> , 2019 , 14, 100102	2.6	
7	Imersã em água fria para o manejo da hipertermia severa. <i>Revista Brasileira De Medicina Do Esporte</i> , 2009 , 15, 311-315	0.5	
6	Corrida em piscina funda: limites e possibilidades para o alto desempenho. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006 , 12, 286-290	0.5	
5	Long-Term Effects of Three Water-Based Training Programs on Resting Blood Pressure in Older Women. <i>Journal of Aging and Physical Activity</i> , 2020 , 1-9	1.6	
4	Quality of Life and Depressive Symptoms in Female Models. <i>Health</i> , 2016 , 08, 1040-1048	0.4	
3	Does Aerobic Exercise Impair Neuromuscular Function During Water-Based Resistance Exercises?. <i>Research Quarterly for Exercise and Sport</i> , 2018 , 89, 465-473	1.9	
2	External Loads of Elite Soccer Referees: A Systematic Review with meta-analysis. <i>Research in Sports Medicine</i> , 2021 , 1-15	3.8	
1	Training, anthropometric, and physical performance profiles of players in the U19 men's volleyball at different in-game role. <i>International Journal of Sports Science and Coaching</i> , 174795412211000	1.8	

