Luiz Fernando Martins Kruel

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Does Complex Training Enhance Vertical Jump Performance and Muscle Power in Elite Male Volleyball Players?. *International Journal of Sports Physiology and Performance*, **2022**, 1-8	3.5	1
106	Exercise Training and Neuromuscular Parameters in Patients With Type 1 Diabetes: Systematic Review and Meta-Analysis. *Journal of Physical Activity and Health*, **2021**, 18, 748-756	2.5	1
105	Water-based exercises in postmenopausal women: Vertical ground reaction force and oxygen uptake responses. *European Journal of Sport Science*, **2021**, 21, 331-340	3.9	5
104	Pilates training improves aerobic capacity, but not lipid or lipoprotein levels in elderly women with dyslipidemia: A controlled trial. *Journal of Bodywork and Movement Therapies*, **2021**, 26, 227-232	1.6	2
103	Gait parameters of Parkinson's disease compared with healthy controls: a systematic review and meta-analysis. *Scientific Reports*, **2021**, 11, 752	4.9	20
102	Statin Use Improves Cardiometabolic Protection Promoted By Physical Training in an Aquatic Environment: A Randomized Clinical Trial. *Arquivos Brasileiros De Cardiologia*, **2021**, 117, 270-278	1.2	1
101	External Loads of Elite Soccer Referees: A Systematic Review with meta-analysis. *Research in Sports Medicine*, **2021**, 1-15	3.8	
100	Effects of supervised exercise training on lipid profile of children and adolescents: Systematic review, meta-analysis and meta-regression. *Science and Sports*, **2020**, 35, 321-329	0.8	3
99	Stress and recovery perception, creatine kinase levels, and performance parameters of male volleyball athletes in a preseason for a championship. *Sports Medicine - Open*, **2020**, 6, 26	6.1	5
98	The beneficial effects of a water-based aerobic exercise session on the blood lipids of women with dyslipidemia are independent of their training status. *Clinics*, **2020**, 75, e1183	2.3	2
97	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. *Journal of Physical Activity and Health*, **2020**, 17, 1091-1099	2.5	0
96	Long-Term Effects of Three Water-Based Training Programs on Resting Blood Pressure in Older Women. *Journal of Aging and Physical Activity*, **2020**, 1-9	1.6	
95	Short and long-term effects of water-based aerobic and concurrent training on cardiorespiratory capacity and strength of older women. *Experimental Gerontology*, **2020**, 142, 111103	4.5	1
94	The Role of Aerobic Training Variables Progression on Glycemic Control of Patients with Type 2 Diabetes: a Systematic Review with Meta-analysis. *Sports Medicine - Open*, **2019**, 5, 22	6.1	8
93	Effects of Different Models of Water-Based Resistance Training on Muscular Function of Older Women. *Research Quarterly for Exercise and Sport*, **2019**, 90, 46-53	1.9	2
92	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. *Obesity Medicine*, **2019**, 14, 100102	2.6	
91	Water-Based Aerobic and Resistance Training as a Treatment to Improve the Lipid Profile of Women With Dyslipidemia: A Randomized Controlled Trial. *Journal of Physical Activity and Health*, **2019**, 16, 348-354	2.5	3

90	Effect of Strength Training on Lipid and Inflammatory Outcomes: Systematic Review With Meta-Analysis and Meta-Regression. *Journal of Physical Activity and Health*, **2019**, 16, 477-491	2.5	10
89	Aquatic and land aerobic training for patients with chronic low back pain: a randomized study. *Human Movement*, **2019**, 20, 1-8	0.8	2
88	Low- and High-Volume Water-Based Resistance Training Induces Similar Strength and Functional Capacity Improvements in Older Women: A Randomized Study. *Journal of Physical Activity and Health*, **2018**, 15, 592-599	2.5	2
87	Aquatic Training in Upright Position as an Alternative to Improve Blood Pressure in Adults and Elderly: A Systematic Review and Meta-Analysis. *Sports Medicine*, **2018**, 48, 1727-1737	10.6	9
86	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. *Diabetes Research and Clinical Practice*, **2018**, 141, 132-139	7.4	11
85	Water-based aerobic training improves strength parameters and cardiorespiratory outcomes in elderly women. *Experimental Gerontology*, **2018**, 108, 231-239	4.5	15
84	Water-Based Aerobic Training Successfully Improves Lipid Profile of Dyslipidemic Women: A Randomized Controlled Trial. *Research Quarterly for Exercise and Sport*, **2018**, 89, 173-182	1.9	7
83	Acute glycemic and pressure responses of continuous and interval aerobic exercise in patients with type 2 diabetes. *Clinical and Experimental Hypertension*, **2018**, 40, 179-185	2.2	8
82	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. *Journal of Science and Medicine in Sport*, **2018**, 21, 483-488	4.4	13
81	Glycemic Threshold as an Alternative Method to Identify the Anaerobic Threshold in Patients With Type 2 Diabetes. *Frontiers in Physiology*, **2018**, 9, 1609	4.6	0
80	Does Aerobic Exercise Impair Neuromuscular Function During Water-Based Resistance Exercises?. *Research Quarterly for Exercise and Sport*, **2018**, 89, 465-473	1.9	
79	Oxygen consumption during concurrent training: influence of intra-session exercise sequence and aerobic exercise modality. *Biology of Sport*, **2018**, 35, 247-252	4.3	3
78	Short-term water-based aerobic training promotes improvements in aerobic conditioning parameters of mature women. *Complementary Therapies in Clinical Practice*, **2017**, 28, 131-135	3.5	2
77	Horizontal ground reaction forces to stationary running performed in the water and on dry land at different physiological intensities. *European Journal of Sport Science*, **2017**, 17, 1013-1020	3.9	5
76	Combined Training in the Treatment of Type 2 Diabetes Mellitus: A Review. *Health*, **2017**, 09, 1605-1617	0.4	1
75	Effects of two types of low impact physical training on screen time among overweight adolescents. *Journal of Human Growth and Development*, **2017**, 27, 294	1.5	2
74	Muscle Mass and Training Status Do Not Affect the Maximum Number of Repetitions in Different Upper-Body Resistance Exercises. *The Open Sports Sciences Journal*, **2017**, 10, 81-86	0.5	3
73	Effects of aerobic exercise performed in fasted v. fed state on fat and carbohydrate metabolism in adults: a systematic review and meta-analysis. *British Journal of Nutrition*, **2016**, 116, 1153-1164	3.6	52

72	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. *Preventive Medicine*, **2016**, 93, 211-218	4.3	59
71	Rating of perceived exertion in maximal incremental tests during head-out water-based aerobic exercises. *Journal of Sports Sciences*, **2016**, 34, 1691-8	3.6	14
70	Effect of traditional resistance and power training using rated perceived exertion for enhancement of muscle strength, power, and functional performance. *Age*, **2016**, 38, 42		20
69	Continuous and interval training programs using deep water running improves functional fitness and blood pressure in the older adults. *Age*, **2016**, 38, 20		17
68	The effects of water-based strength exercise on quality of life in young women. *Sport Sciences for Health*, **2016**, 12, 105-112	1.3	3
67	Glucose control can be similarly improved after aquatic or dry-land aerobic training in patients with type 2 diabetes: A randomized clinical trial. *Journal of Science and Medicine in Sport*, **2016**, 19, 688-93	4.4	19
66	Quality of Life and Depressive Symptoms in Female Models. *Health*, **2016**, 08, 1040-1048	0.4	
65	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
64	Glycemic reductions following water- and land-based exercise in patients with type 2 diabetes mellitus. *Complementary Therapies in Clinical Practice*, **2016**, 24, 73-7	3.5	11
63	Supersets do not change energy expenditure during strength training sessions in physically active individuals. *Journal of Exercise Science and Fitness*, **2016**, 14, 41-46	3.1	1
62	Effects of two deep water training programs on cardiorespiratory and muscular strength responses in older adults. *Experimental Gerontology*, **2015**, 64, 55-61	4.5	31
61	Active Female Maximal and Anaerobic Threshold Cardiorespiratory Responses to Six Different Water Aerobics Exercises. *Research Quarterly for Exercise and Sport*, **2015**, 86, 267-73	1.9	9
60	Heart rate deflection point as an alternative method to identify the anaerobic threshold in patients with type 2 diabetes. *Apunts Medicine De L'Esport*, **2015**, 50, 123-128	0.6	10
59	Rating of Perceived Exertion and Physiological Responses in Water-Based Exercise. *Journal of Human Kinetics*, **2015**, 49, 99-108	2.6	6
58	Effects of Single Vs. Multiple Sets Water-Based Resistance Training on Maximal Dynamic Strength in Young Men. *Journal of Human Kinetics*, **2015**, 47, 169-77	2.6	7
57	Kinesiological Analysis of Stationary Running Performed in Aquatic and Dry Land Environments. *Journal of Human Kinetics*, **2015**, 49, 5-14	2.6	4
56	Treinamento de força diminui os sintomas depressivos e melhora a qualidade de vida relacionada a saúde em idosas. *Revista Brasileira De Educação Física E Esporte: RBEFE*, **2015**, 29, 189-196	0.8	5
55	Fetal heart rate responses during maternal resistance exercise: a pilot study. *Revista Brasileira De Ginecologia E Obstetricia*, **2015**, 37, 133-9	1.1	11

54	Vertical ground reaction force responses to different head-out aquatic exercises performed in water and on dry land. *Journal of Sports Sciences*, **2015**, 33, 795-805	3.6	18
53	Effect of aquatic exercise training on lipids profile and glycaemia: A systematic review. *Revista Andaluza De Medicina Del Deporte*, **2015**, 8, 163-170	1	8
52	Nonsteroidal anti-inflammatory drug use and endurance during running in male long-distance runners. *Journal of Athletic Training*, **2015**, 50, 295-302	4	12
51	Respostas cardiorrespiratórias máximas e no limiar anaeróbio da corrida em piscina funda. *Revista Brasileira De Cineantropometria E Desempenho Humano*, **2015**, 17, 41	0.1	7
50	Neuromuscular responses of elite skaters during different roller figure skating jumps. *Journal of Human Kinetics*, **2014**, 41, 23-32	2.6	1
49	Strength training prior to endurance exercise: impact on the neuromuscular system, endurance performance and cardiorespiratory responses. *Journal of Human Kinetics*, **2014**, 44, 171-81	2.6	6
48	Cardiorespiratory responses during deep water running with and without horizontal displacement at different cadences. *Revista Andaluza De Medicina Del Deporte*, **2014**, 7, 149-154	1	2
47	Water-based exercise and quality of life in women: the role of depressive symptoms. *Women and Health*, **2014**, 54, 161-75	1.7	20
46	The benefits of a high-intensity aquatic exercise program (HydrOS) for bone metabolism and bone mass of postmenopausal women. *Journal of Bone and Mineral Metabolism*, **2014**, 32, 411-9	2.9	20
45	Efficiency of twice weekly concurrent training in trained elderly men. *Experimental Gerontology*, **2013**, 48, 1236-42	4.5	29
44	Running efficiency and long-distance performance prediction: Influence of allometric scaling. *Science and Sports*, **2013**, 28, 165-171	0.8	7
43	Neuromuscular adaptations to concurrent training in the elderly: effects of intrasession exercise sequence. *Age*, **2013**, 35, 891-903		81
42	High-intensity aquatic exercises (HydrOS) improve physical function and reduce falls among postmenopausal women. *Menopause*, **2013**, 20, 1012-9	2.5	18
41	Efeito do uso profilático do anti-inflamatório não-esteroide ibuprofeno sobre o desempenho em uma sessão de treino de força. *Revista Brasileira De Medicina Do Esporte*, **2013**, 19, 116-119	0.5	3
40	The relationship between running economy and biomechanical variables in distance runners. *Research Quarterly for Exercise and Sport*, **2012**, 83, 367-75	1.9	81
39	Comparação do índice de esforço percebido e consumo de oxigênio em exercício em cicloergômetro entre gestantes e não-gestantes e entre o exercício aquático e terrestre. *Revista Brasileira De Medicina Do Esporte*, **2012**, 18, 13-16	0.5	1
38	Adaptações neuromusculares ao treinamento de força e concorrente em homens idosos.. *Revista Brasileira De Cineantropometria E Desempenho Humano*, **2012**, 14,	0.1	3
37	Strength prior to endurance intra-session exercise sequence optimizes neuromuscular and cardiovascular gains in elderly men. *Experimental Gerontology*, **2012**, 47, 164-9	4.5	75

36	Echo intensity is associated with skeletal muscle power and cardiovascular performance in elderly men. *Experimental Gerontology*, **2012**, 47, 473-8	4.5	154
35	Physiological Comparisons Between Aquatic Resistance Training Protocols With and Without Equipment. *Journal of Strength and Conditioning Research*, **2012**, 26, 276-283	3.2	10
34	Consumo de oxigênio e índice de esforço percebido em diferentes ritmos de execução na hidroginástica. *Motriz Revista De Educacao Fisica*, **2012**, 18, 423-431	0.9	1
33	The reliability of the one maximum repetition in sedentary, active and strength-trained subjects. *Motriz Revista De Educacao Fisica*, **2011**, 17, 700-707	0.9	2
32	Consumo de oxigênio de recuperação em resposta a duas sessões de treinamento de força com diferentes intensidades. *Revista Brasileira De Medicina Do Esporte*, **2011**, 17, 132-136	0.5	5
31	Neuromuscular economy, strength, and endurance in healthy elderly men. *Journal of Strength and Conditioning Research*, **2011**, 25, 997-1003	3.2	31
30	Cardiorespiratory, neuromuscular and kinematic responses to stationary running performed in water and on dry land. *European Journal of Applied Physiology*, **2011**, 111, 1157-66	3.4	45
29	Non-steroidal anti-inflammatory use in the XV Pan-American Games (2007). *British Journal of Sports Medicine*, **2011**, 45, 91-4	10.3	21
28	Use of NSAIDs in triathletes: prevalence, level of awareness and reasons for use. *British Journal of Sports Medicine*, **2011**, 45, 85-90	10.3	73
27	Cardiorespiratory responses during and after water exercise in pregnant and non-pregnant women. *Revista Brasileira De Ginecologia E Obstetricia*, **2011**, 33, 388-94	1.1	2
26	Comparação das respostas cardiorrespiratórias de um exercício de hidroginástica com e sem deslocamento horizontal nos meios terrestre e aquático. *Revista Brasileira De Educação Física E Esporte: RBEFE*, **2010**, 24, 353-362	0.8	2
25	Comparação de protocolos para determinação do ângulo de pronação subtalar. *Acta Ortopedica Brasileira*, **2010**, 18, 122-126	0.6	5
24	A Percepção de Esforço no Treinamento de Força. *Revista Brasileira De Medicina Do Esporte*, **2010**, 16, 301-309	0.5	11
23	Effects of different strength training methods on postexercise energetic expenditure. *Journal of Strength and Conditioning Research*, **2010**, 24, 2255-60	3.2	16
22	Electromyographic signal and force comparisons during maximal voluntary isometric contraction in water and on dry land. *European Journal of Applied Physiology*, **2010**, 110, 1075-82	3.4	22
21	The Effects of Strength Training in Hydrogymnastics for Middle-Age Women. *International Journal of Aquatic Research and Education*, **2010**, 4,	1.1	8
20	Application of the allometric scale for the submaximal oxygen uptake in runners and rowers. *Biology of Sport*, **2010**, 27, 297-300	4.3	8
19	Influência da imersão nas respostas cardiorrespiratórias em repouso. *Revista Brasileira De Medicina Do Esporte*, **2009**, 15, 228-232	0.5	7

18	Imersão em água fria para o manejo da hipertermia severa. *Revista Brasileira De Medicina Do Esporte*, **2009**, 15, 311-315	0.5	
17	Physiologic and Kinematical Effects of Water Run Training on Running Performance. *International Journal of Aquatic Research and Education*, **2009**, 3,	1.1	2
16	Comparison of Energy Expenditure Between Continuous and Interval Water Aerobic Routines. *International Journal of Aquatic Research and Education*, **2009**, 3,	1.1	4
15	The influence of the allometric scale on the relationship between running economy and biomechanical variables in distance runners. *Biology of Sport*, **2009**, 26, 263-273	4.3	11
14	Correlations between serum and salivary hormonal concentrations in response to resistance exercise. *Journal of Sports Sciences*, **2008**, 26, 1067-72	3.6	60
13	Hormonal responses to resistance exercise in long-term trained and untrained middle-aged men. *Journal of Strength and Conditioning Research*, **2008**, 22, 1617-24	3.2	39
12	Analysis of muscle activation during different leg press exercises at submaximum effort levels. *Journal of Strength and Conditioning Research*, **2008**, 22, 1059-65	3.2	31
11	Fatores relacionados com as respostas da testosterona e do cortisol ao treinamento de força. *Revista Brasileira De Medicina Do Esporte*, **2008**, 14, 74-78	0.5	4
10	Caminhada em ambiente aquático e terrestre: revisão de literatura sobre a comparação das respostas neuromusculares e cardiorrespiratórias. *Revista Brasileira De Medicina Do Esporte*, **2008**, 14, 553-556	0.5	3
9	Respostas de freqüência 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. *Revista Brasileira De Medicina Do Esporte*, **2008**, 14, 357-361	0.5	7
8	Cardiorespiratory Responses of Post-Menopausal Women to Different Water Exercises. *International Journal of Aquatic Research and Education*, **2007**, 1,	1.1	8
7	Corrida em piscina funda: limites e possibilidades para o alto desempenho. *Revista Brasileira De Medicina Do Esporte*, **2006**, 12, 286-290	0.5	
6	Freqüência cardíaca e percepção subjetiva do esforço no meio aquático: diferenças em relação ao meio terrestre e aplicações na prescrição do exercício - uma revisão. *Revista Brasileira De Medicina Do Esporte*, **2006**, 12, 221-228	0.5	29
5	Comportamento da freqüência cardíaca e da pressão arterial, ao longo da gestação, com treinamento no meio líquido. *Revista Brasileira De Medicina Do Esporte*, **2006**, 12, 376-380	0.5	5
4	Efeitos da atividade física na densidade mineral óssea e na remodelação do tecido ósseo. *Revista Brasileira De Medicina Do Esporte*, **2005**, 11, 373-379	0.5	28
3	Comparação do ângulo da articulação subtalar durante velocidades submáximas de corrida. *Acta Ortopedica Brasileira*, **2005**, 13, 57-60	0.6	4
2	Comportamento da freqüência cardíaca, pressão arterial e peso hidrostático de gestantes em diferentes profundidades de imersão. *Revista Brasileira De Ginecologia E Obstetricia*, **2004**, 26, 685	1.1	4
1	Training, anthropometric, and physical performance profiles of players in the U19 men's volleyball at different in-game role. *International Journal of Sports Science and Coaching*,174795412211000	1.8	