## F Diefenthaeler

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Validity of a mobile-based specific test to estimate metabolic thresholds in boxers. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2024, 238, 15-22.	0.4	3
2	Plyometric exercise enhances twitch contractile properties but fails to improve voluntary rate of torque development in highly trained sprint athletes. European Journal of Sport Science, 2022, 22, 857-866.	1.4	0
3	Pressure on the Electrode to Reduce Discomfort During Neuromuscular Electrical Stimulation in Individuals With Different Subcutaneous-Fat Thickness: Is the Procedure Effective and Reliable?. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1-7.	2.7	3
4	Fruit-Derived Anthocyanins: Effects on Cycling-Induced Responses and Cycling Performance. Antioxidants, 2022, 11, 387.	2.2	9
5	Physiotherapeutic approach in seamstresses with neck pain: A single-blind, randomized clinical trial. Journal of Bodywork and Movement Therapies, 2022, , .	0.5	0
6	Does static stretching change uniformly the quadriceps elasticity in physically actives subjects?. Journal of Ultrasound, 2022, , 1.	0.7	0
7	Reliability in ultrasound measurements of plantar aponeurosis thickness. Foot, 2021, 46, 101749.	0.4	1
8	Brazilian Jiu-Jitsu fighters present greatest rapid and maximal strength imbalances at extreme elbow angles. Journal of Bodywork and Movement Therapies, 2021, 25, 126-132.	0.5	1
9	Dry Needling and Photobiomodulation Decreases Myofascial Pain in Trapezius of Women: Randomized Blind Clinical Trial. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 61-71.	0.4	1
10	Influence of Muscle Strength Gains on Functional Capacity Improvements following Resistance Training in Older Adults: A Linear Mixed Model Approach. Physical and Occupational Therapy in Geriatrics, 2021, 39, 113-128.	0.2	1
11	One-year cessation following resistance training differently affects neuromuscular, body composition, and functional capacity in older adults. Sport Sciences for Health, 2021, 17, 347-355.	0.4	1
12	Inter-Individual Rapid Force Improvements after Mixed Session and Traditional Periodization in Aging Adults: A Randomized Trial. Journal of Science in Sport and Exercise, 2021, 3, 125-137.	0.4	1
13	Reliability of portable electrical impedance myograph SKULPT® for morphological measures of vastus lateralis/ Confiabilidade da impedA¢ncia elétrica do miógrafo portátil SKULPT® a partir de medidas morfológicas do vastus lateralis. Brazilian Journal of Development, 2021, 7, 33910-33923.	0.0	0
14	Continuous Jumps Enhance Twitch Peak Torque and Sprint Performance in Highly Trained Sprint Athletes. International Journal of Sports Physiology and Performance, 2021, 16, 565-572.	1.1	6
15	Combined and isolated effects of alcohol consumption and sleep deprivation on maximal strength, muscle endurance and aerobic exercise performance in healthy men: a cross-over randomized controlled trial. Sleep and Biological Rhythms, 2021, 19, 433-441.	0.5	2
16	The Effect of a Pace Training Session on Internal Load and Neuromuscular Parameters in Taekwondo Athletes. Frontiers in Physiology, 2021, 12, 710627.	1.3	4
17	Influence of subcutaneous adipose thickness and dominance on reliability of quadriceps muscle quality in healthy young individuals. Journal of Ultrasound, 2021, , 1.	0.7	1
18	Acute effects of myofascial release with portable electric massager at different frequencies: A randomized pilot study, Journal of Bodywork and Movement Therapies, 2021, 28, 225-230	0.5	2

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19	Effects of Euterpe edulis Martius on inflammatory responses to high-intensity intermittent exercise: Crossover randomized trial. Nutrition, 2021, 91-92, 111344.	1.1	2
20	O gênero influencia a intensidade do eco do quadrÃceps femoral em indivÃduos jovens e saudáveis?. , 2021, 4, .		0
21	Effects of 6-weeks of detraining on functional capacity and rapid torque production in older women. Journal of Bodywork and Movement Therapies, 2021, 29, 167-173.	0.5	2
22	Effects of a power training program in the functional capacity, on body balance and lower limb muscle strength of elderly with type 2 diabetes mellitus. Journal of Sports Medicine and Physical Fitness, 2021, 61, 1529-1537.	0.4	11
23	Influence of Trunk Position during Three Lunge Exercises on Muscular Activation in Trained Women. International Journal of Exercise Science, 2021, 14, 202-210.	0.5	Ο
24	Virtual cycling effort is dependent on power update rate. European Journal of Sport Science, 2020, 20, 831-838.	1.4	2
25	Relationship between lower limb asymmetry and judo-specific test performance. Sport Sciences for Health, 2020, 16, 305-312.	0.4	7
26	Effect of during of tapering on anaerobic power and capacity in road cyclists. Science and Sports, 2020, 35, 330-335.	0.2	3
27	Dissimilar perceptual response between trained women and men in resistance training to concentric failure: A quasi-experimental study. Journal of Bodywork and Movement Therapies, 2020, 24, 527-535.	0.5	2
28	Periodização ondulatória vs periodização linear. Revista Brasileira De Educação FÃsica E Esporte: RBEFE, 2020, 34, 83-92.	0.1	0
29	Effect of Photobiomodulation Therapy in the 1500 m Run: An Analysis of Performance and Individual Responsiveness. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 734-742.	0.7	5
30	Dose–Response Effect of Photobiomodulation Therapy on Muscle Performance and Fatigue During a Multiple-Set Knee Extension Exercise: A Randomized, Crossover, Double-Blind Placebo-Controlled Trial. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 758-765.	0.7	6
31	Photobiomodulation Therapy Effects on Resistance Training Volume and Discomfort in Well-Trained Adults: A Randomized, Double-Blind, Placebo-Controlled Trial. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 720-726.	0.7	2
32	Neuromuscular determinants of explosive torque: Differences among strengthâ€trained and untrained young and older men. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2092-2100.	1.3	9
33	Validity of different EMG analysis methods to identify aerobic and anaerobic thresholds in speed skaters. Journal of Electromyography and Kinesiology, 2020, 52, 102425.	0.7	5
34	Lean, fast and strong: Determinants of functional performance in the elderly. Clinical Biomechanics, 2020, 78, 105073.	0.5	18
35	Effect of mate tea consumption on rapid force production after eccentric exercise: a randomized, controlled, crossover study. Sport Sciences for Health, 2020, 16, 571-581.	0.4	3
36	Effects of stretch-shortening cycle fatigue protocol on lower limb asymmetry and muscle soreness in judo athletes. Sports Biomechanics, 2020, , 1-16.	0.8	11

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37	Acute effect of juçara juice (Euterpe edulis Martius) on oxidative stress biomarkers and fatigue in a high-intensity interval training session: A single-blind cross-over randomized study. Journal of Functional Foods, 2020, 67, 103835.	1.6	11
38	ls responsiveness of elderly individuals to resistance training related to habitual nutritional intake? An exploratory analysis of a randomized controlled trial. Sport Sciences for Health, 2020, 16, 355-364.	0.4	2
39	Periodização ondulatória vs periodização linear. Revista Brasileira De Educação FÃsica E Esporte: RBEFE, 2020, 34, 83-92.	0.1	0
40	VELOCIDADE CRĂTICA NA CAMINHADA: CONSUMO DE OXIGĂŠNIO, FREQUĂŠNCIA DE PASSADA E ESFORÇO PERCEBIDO. Revista Brasileira De Ciência E Movimento, 2020, 28, 162.	0.0	0
41	The relation between force production at different hip angles and functional capacity in older women. Journal of Bodywork and Movement Therapies, 2019, 23, 489-493.	0.5	7
42	Why Fast Velocity Resistance Training Should Be Prioritized for Elderly People. Strength and Conditioning Journal, 2019, 41, 105-114.	0.7	20
43	Effects of resistance training, detraining, and retraining on strength and functional capacity in elderly. Aging Clinical and Experimental Research, 2019, 31, 31-39.	1.4	34
44	Photobiomodulation Therapy Does Not Attenuate Fatigue and Muscle Damage in Judo Athletes: A Randomized, Triple-Blind, Placebo-Controlled Trial. Frontiers in Physiology, 2019, 10, 811.	1.3	21
45	Effects of different strength training volumes and subsequent detraining on strength performance in aging adults. Journal of Bodywork and Movement Therapies, 2019, 23, 466-472.	0.5	11
46	Analysis of Elasticity Index of a Bovine Beef by Quasi Static Elastography. IFMBE Proceedings, 2019, , 47-50.	0.2	0
47	Can mat Pilates intervention increase lower limb rate of force development in overweight physically active older women?. Sport Sciences for Health, 2019, 15, 407-415.	0.4	2
48	The mechanical and biochemical properties of tail tendon in a rat model of obesity: Effect of moderate exercise and prebiotic fibre supplementation. Journal of Biomechanics, 2019, 88, 148-154.	0.9	6
49	Effects Of Photobiomodulation Therapy On Fatigue And Muscle Damage In Judo Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 646-647.	0.2	0
50	Can the Combination of Acute Alcohol Intake and One Night of Sleep Deprivation Affect Neuromuscular Performance in Healthy Male Adults? A Cross-over Randomized Controlled Trial. Journal of Strength and Conditioning Research, 2019, 33, 1244-1251.	1.0	7
51	Acute Cardiopulmonary, Metabolic, and Neuromuscular Responses to Severe-Intensity Intermittent Exercises. Journal of Strength and Conditioning Research, 2019, 33, 408-416.	1.0	6
52	Validity of a Taekwondo-Specific Test to Measure Vo 2peak and the Heart Rate Deflection Point. Journal of Strength and Conditioning Research, 2019, 33, 2523-2529.	1.0	23
53	Neuromuscular and postural control in visually and nonvisually impaired judo athletes: case study. Journal of Exercise Rehabilitation, 2019, 15, 60-66.	0.4	8
54	Development of a Mobile Phone App for Measuring Striking Response Time in Combat Sports: Cross-Sectional Validation Study. JMIR MHealth and UHealth, 2019, 7, e14641.	1.8	8

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55	Photobiomodulation Therapy on Physiological and Performance Parameters During Running Tests: Dose–Response Effects. Journal of Strength and Conditioning Research, 2018, 32, 2807-2815.	1.0	34
56	Time Response of Photobiomodulation Therapy on Muscular Fatigue in Humans. Journal of Strength and Conditioning Research, 2018, 32, 3285-3293.	1.0	30
57	Influence of strength training intensity on subsequent recovery in elderly. Experimental Gerontology, 2018, 106, 232-239.	1.2	16
58	Reproducibility of upper leg EMG frequency content during cycling. Journal of Sports Sciences, 2018, 36, 485-491.	1.0	3
59	Dose-response effect of photobiomodulation therapy on neuromuscular economy during submaximal running. Lasers in Medical Science, 2018, 33, 329-336.	1.0	23
60	Estimating bone mineral content based on different types of muscle strength tests. Journal of Bodywork and Movement Therapies, 2018, 22, 586-591.	0.5	3
61	Leg press exercise can reduce functional hamstring:quadriceps ratio in the elderly. Journal of Bodywork and Movement Therapies, 2018, 22, 592-597.	0.5	11
62	Reducing measurement errors during functional capacity tests in elders. Aging Clinical and Experimental Research, 2018, 30, 595-603.	1.4	10
63	Functional capacity improves in-line with neuromuscular performance after 12Âweeks of non-linear periodization strength training in the elderly. Aging Clinical and Experimental Research, 2018, 30, 959-968.	1.4	13
64	Oxygen Uptake and Muscle Deoxygenation Kinetics During Skating: Comparison Between Slide-Board and Treadmill Skating. International Journal of Sports Physiology and Performance, 2018, 13, 783-788.	1.1	8
65	Preservation Of Explosive Force In Long-term Strength Trained Elders Is Determined By Neural Adaptations. Medicine and Science in Sports and Exercise, 2018, 50, 415.	0.2	0
66	Estimation equation of maximum oxygen uptake in taekwondo specific test. Sport Sciences for Health, 2018, 14, 699-703.	0.4	5
67	Photobiomodulation therapy is beneficial in reducing muscle fatigue in Brazilian jiu-jitsu athletes and physically active men. Sport Sciences for Health, 2018, 14, 685-691.	0.4	9
68	Neural and musculotendinous mechanisms underpinning age-related force reductions. Mechanisms of Ageing and Development, 2018, 175, 17-23.	2.2	25
69	Saddle Height and Cadence Effects on the Physiological, Perceptual, and Affective Responses of Recreational Cyclists. Perceptual and Motor Skills, 2018, 125, 923-938.	0.6	6
70	Effect of 8 Weeks Soccer Training on Health and Physical Performance in Untrained Women. Journal of Sports Science and Medicine, 2018, 17, 17-23.	0.7	3
71	Analysis of elbow muscle strength parameters in Brazilian jiu-jitsu practitioners. Journal of Sports Sciences, 2017, 35, 2373-2379.	1.0	9
72	Motor unit firing frequency of lower limb muscles during an incremental slide board skating test. Sports Biomechanics, 2017, 16, 540-551.	0.8	5

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73	Validation of a Maximal Incremental Skating Test Performed on a Slide Board: Comparison With Treadmill Skating. International Journal of Sports Physiology and Performance, 2017, 12, 1363-1369.	1.1	5
74	Comparison of body adiposity index (BAI) and air displacement plethysmograph with estimations of % body fat in adults with Down's syndrome. European Journal of Clinical Nutrition, 2017, 71, 1341-1344.	1.3	5
75	Effect of fatigue on reaction time, response time, performance time, and kick impact in taekwondo roundhouse kick. Sports Biomechanics, 2017, 16, 201-209.	0.8	50
76	EFFECTS OF SADDLE HEIGHT ON PERFORMANCE AND MUSCULAR ACTIVITY DURING THE WINGATE TEST. Journal of Physical Education (Maringa), 2017, 28, .	0.1	7
77	Can power and anaerobic capacity reduce according to disordered eating behaviors in cyclists?. Motriz Revista De Educacao Fisica, 2017, 23, 60-64.	0.3	3
78	ls respiratory exchange ratio an alternative to estimate anaerobic threshold in trained runners?. Revista Brasileira De Cineantropometria E Desempenho Humano, 2017, 19, 108.	0.5	3
79	Influence of saddle height and exercise intensity on pedalling asymmetries in cyclists. Revista Brasileira De Cineantropometria E Desempenho Humano, 2016, 18, 411.	0.5	3
80	Effects of mate tea consumption on muscle strength and oxidative stress markers after eccentric exercise. British Journal of Nutrition, 2016, 115, 1370-1378.	1.2	22
81	Differences in Pedaling Technique in Cycling: A Cluster Analysis. International Journal of Sports Physiology and Performance, 2016, 11, 959-964.	1.1	2
82	Effects Of Nonlinear Periodization On Maximum And Explosive Muscular Strength In Elderly People. Medicine and Science in Sports and Exercise, 2016, 48, 30.	0.2	0
83	Effect of pre-exercise phototherapy applied with different cluster probe sizes on elbow flexor muscle fatigue. Lasers in Medical Science, 2016, 31, 1237-1244.	1.0	30
84	Formação em educação fÃsica e a intervenção no esporte de alto rendimento. , 2016, , 266-289.		0
85	LOWER LIMB ASYMMETRIES IN RHYTHMIC GYMNASTICS ATHLETES. International Journal of Sports Physical Therapy, 2016, 11, 34-43.	0.5	8
86	Relação entre testes de resistência de força com o kimono com parâmetros isocinéticos em atletas de jiu jitsu. Revista Brasileira De Cineantropometria E Desempenho Humano, 2015, 17, 575.	0.5	10
87	Benefits of dietary phytochemical supplementation on eccentric exercise-induced muscle damage: Is including antioxidants enough?. Nutrition, 2015, 31, 1072-1082.	1.1	31
88	Test–retest reliability of second lactate turnpoint using two different criteria in competitive cyclists. European Journal of Sport Science, 2015, 15, 265-270.	1.4	9
89	EVIDENCE FOR ISOKINETIC KNEE TORQUE ASYMMETRIES IN MALE LONG DISTANCE-TRAINED RUNNERS. International Journal of Sports Physical Therapy, 2015, 10, 514-9.	0.5	5
90	Caracterização do posicionamento de ciclistas recreacionais de bicicletas aerodinâmicas: Dados preliminares do Projeto Bike Fit. Revista Portuguesa De Ciências Do Desporto, 2014, 2014, 460-470.	0.0	0

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91	Continuous and intermittent running to exhaustion at maximal lactate steady state: Neuromuscular, biochemical and endocrinal responses. Journal of Science and Medicine in Sport, 2013, 16, 545-549.	0.6	10
92	Critical stroke rate as a parameter for evaluation in swimming. Motriz Revista De Educacao Fisica, 2013, 19, 724-729.	0.3	5
93	Comparação da composição corporal, desempenho aeróbio e anaeróbio entre ciclistas e triatletas competitivos. Revista Brasileira De Cineantropometria E Desempenho Humano, 2013, 15, .	0.5	4
94	Análise da ativação muscular durante a pedalada até a exaustão utilizando bandas de frequência. Revista Brasileira De Cineantropometria E Desempenho Humano, 2012, 14, .	0.5	4
95	Muscle activity and pedal force profile of triathletes during cycling to exhaustion. Sports Biomechanics, 2012, 11, 10-19.	0.8	15
96	Preference and torque asymmetry for elbow joint. Motriz Revista De Educacao Fisica, 2012, 18, 319-326.	0.3	4
97	Análise da técnica de pedalada durante o ciclismo até a exaustão. Motriz Revista De Educacao Fisica, 2012, 18, 476-486.	0.3	1
98	Influence of leg preference on bilateral muscle activation during cycling. Journal of Sports Sciences, 2011, 29, 151-159.	1.0	23
99	Efeitos da posição dos joelhos no plano frontal sobre as forças aplicadas no ciclismo: estudo preliminar. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 11, .	0.5	Ο
100	Influência da pedalada com os joelhos tangenciando o quadro da bicicleta sobre a ativação dos músculos do membro inferior. Revista Brasileira De Educação FÃsica E Esporte: RBEFE, 2011, 25, 27-37.	0.1	0
101	Esforço percebido e cinemática em percentuais da velocidade crÃŧica na natação. Motriz Revista De Educacao Fisica, 2011, 17, 708-718.	0.3	1
102	Estudo comparativo das variáveis antropométricas em bailarinas clássicas e jogadoras de voleibol. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 11, .	0.5	2
103	Pedaling cadence effects on joint mechanical work during cycling. Isokinetics and Exercise Science, 2010, 18, 7-13.	0.2	29
104	Adaptações neuromusculares de flexores dorsais e plantares a duas semanas de imobilização após entorse de tornozelo. Revista Brasileira De Medicina Do Esporte, 2010, 16, 358-362.	0.1	7
105	Aspectos determinantes do posicionamento corporal no ciclismo: uma revisão sistemática. Motriz Revista De Educacao Fisica, 2010, , .	0.3	1
106	Kinetics and kinematics analysis of incremental cycling to exhaustion. Sports Biomechanics, 2010, 9, 223-235.	0.8	49
107	Effect of Light-Emitting Diodes Therapy (LEDT) on Knee Extensor Muscle Fatigue. Photomedicine and Laser Surgery, 2010, 28, 653-658.	2.1	88
108	Effects of Altering Pedal Frequency on the Slow Component of PulmonaryV˙O2Kinetics and EMG Activity. International Journal of Sports Medicine, 2010, 31, 529-536.	0.8	8

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109	Fatigue effects on the coordinative pattern during cycling: Kinetics and kinematics evaluation. Journal of Electromyography and Kinesiology, 2010, 20, 102-107.	0.7	76
110	Does leg preference affect muscle activation and efficiency?. Journal of Electromyography and Kinesiology, 2010, 20, 1230-1236.	0.7	13
111	Two-weeks of elbow immobilization affects torque production but does not change muscle activation. Brazilian Journal of Physical Therapy, 2009, 13, 412-421.	1.1	6
112	Heliox Improves Oxygen Delivery and Utilization during Dynamic Exercise in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1004-1010.	2.5	117
113	Changes in Muscle Activity and Kinematics of Highly Trained Cyclists During Fatigue. IEEE Transactions on Biomedical Engineering, 2008, 55, 2666-2674.	2.5	84
114	Physiological and electromyographic responses during 40-km cycling time trial: Relationship to muscle coordination and performance. Journal of Science and Medicine in Sport, 2008, 11, 363-370.	0.6	38
115	Cadence and Workload Effects on Pedaling Technique of Well-Trained Cyclists. International Journal of Sports Medicine, 2008, 29, 746-752.	0.8	45
116	Aspectos relacionados à fadiga durante o ciclismo: uma abordagem biomecânica. Revista Brasileira De Medicina Do Esporte, 2008, 14, 472-477.	0.1	4
117	Ativação muscular durante a pedalada em diferentes posições do selim. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, .	0.5	4
118	Proposta metodológica para a avaliação da técnica da pedalada de ciclistas: estudo de caso. Revista Brasileira De Medicina Do Esporte, 2008, 14, 155-158.	0.1	10
119	Comparação de respostas fisiológicas absolutas e relativas entre ciclistas e triatletas. Revista Brasileira De Medicina Do Esporte, 2007, 13, 205-208.	0.1	6
120	Temporomandibular joint dysfunction and trapezius muscle fatigability. Brazilian Journal of Physical Therapy, 2007, 11, 333-339.	1.1	4
121	Assessment of the Effects of Saddle Position on Cyclists' Pedaling Technique. Medicine and Science in Sports and Exercise, 2006, 38, S181.	0.2	7
122	Muscle function and muscle balance in lower limbs are not impaired in individuals with general joint hypermobility. Sport Sciences for Health, 0, , 1.	0.4	0
123	Functional taping effects on pain and electrical activation in patients with low back pain. Manual Therapy, Posturology & Rehabilitation Journal, 0, , 1-4.	0.0	0
124	Perfil das teses do PPGEF/UFSC no perÃodo de 2009-2019: uma análise a partir das áreas de concentração. Revista Brasileira De Ciencias Do Esporte, 0, 42, .	0.4	0
125	RELIABILITY OF PORTABLE ELECTRICAL IMPEDANCE MYOGRAPH SKULPT® FOR MORPHOLOGICAL MEASURES OF VASTUS LATERALIS. , 0, , 129-143.		0
126	Rectus femoris activation is modified by training status and correlates with endurance performance in cycling. Sport Sciences for Health, 0, , 1.	0.4	0