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List of Publications by Year in descending order

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126 papers 1,362 citations

361296 20 h-index 414303 32 g-index

128 all docs

128 docs citations

128 times ranked

1465 citing authors

#	Article	IF	CITATIONS
1	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
2	Effect of Light-Emitting Diodes Therapy (LEDT) on Knee Extensor Muscle Fatigue. Photomedicine and Laser Surgery, 2010, 28, 653-658.	2.1	88
3	Changes in Muscle Activity and Kinematics of Highly Trained Cyclists During Fatigue. IEEE Transactions on Biomedical Engineering, 2008, 55, 2666-2674.	2.5	84
4	Fatigue effects on the coordinative pattern during cycling: Kinetics and kinematics evaluation. Journal of Electromyography and Kinesiology, 2010, 20, 102-107.	0.7	76
5	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
6	Kinetics and kinematics analysis of incremental cycling to exhaustion. Sports Biomechanics, 2010, 9, 223-235.	0.8	49
7	Cadence and Workload Effects on Pedaling Technique of Well-Trained Cyclists. International Journal of Sports Medicine, 2008, 29, 746-752.	0.8	45
8	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
9	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
10	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
11	Benefits of dietary phytochemical supplementation on eccentric exercise-induced muscle damage: Is including antioxidants enough?. Nutrition, 2015, 31, 1072-1082.	1.1	31
12	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
13	Time Response of Photobiomodulation Therapy on Muscular Fatigue in Humans. Journal of Strength and Conditioning Research, 2018, 32, 3285-3293.	1.0	30
14	Pedaling cadence effects on joint mechanical work during cycling. Isokinetics and Exercise Science, 2010, 18, 7-13.	0.2	29
15	Neural and musculotendinous mechanisms underpinning age-related force reductions. Mechanisms of Ageing and Development, 2018, 175, 17-23.	2.2	25
16	Influence of leg preference on bilateral muscle activation during cycling. Journal of Sports Sciences, 2011, 29, 151-159.	1.0	23
17	Dose-response effect of photobiomodulation therapy on neuromuscular economy during submaximal running. Lasers in Medical Science, 2018, 33, 329-336.	1.0	23
18	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

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19	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
20	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
21	Why Fast Velocity Resistance Training Should Be Prioritized for Elderly People. Strength and Conditioning Journal, 2019, 41, 105-114.	0.7	20
22	Lean, fast and strong: Determinants of functional performance in the elderly. Clinical Biomechanics, 2020, 78, 105073.	0.5	18
23	Influence of strength training intensity on subsequent recovery in elderly. Experimental Gerontology, 2018, 106, 232-239.	1.2	16
24	Muscle activity and pedal force profile of triathletes during cycling to exhaustion. Sports Biomechanics, 2012, 11, 10-19.	0.8	15
25	Does leg preference affect muscle activation and efficiency?. Journal of Electromyography and Kinesiology, 2010, 20, 1230-1236.	0.7	13
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Reducing measurement errors during functional capacity tests in elders. Aging Clinical and Experimental Research, 2018, 30, 595-603.	1.4	10
36	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

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37	Analysis of elbow muscle strength parameters in Brazilian jiu-jitsu practitioners. Journal of Sports Sciences, 2017, 35, 2373-2379.	1.0	9
38	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
39	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
40	Fruit-Derived Anthocyanins: Effects on Cycling-Induced Responses and Cycling Performance. Antioxidants, 2022, 11, 387.	2.2	9
41	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
42	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
43	Neuromuscular and postural control in visually and nonvisually impaired judo athletes: case study. Journal of Exercise Rehabilitation, 2019, 15, 60-66.	0.4	8
44	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
45	LOWER LIMB ASYMMETRIES IN RHYTHMIC GYMNASTICS ATHLETES. International Journal of Sports Physical Therapy, 2016, 11, 34-43.	0.5	8
46	AdaptaçÃμes 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
47	EFFECTS OF SADDLE HEIGHT ON PERFORMANCE AND MUSCULAR ACTIVITY DURING THE WINGATE TEST. Journal of Physical Education (Maringa), 2017, 28, .	0.1	7
48	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
49	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
50	Relationship between lower limb asymmetry and judo-specific test performance. Sport Sciences for Health, 2020, 16, 305-312.	0.4	7
51	Assessment of the Effects of Saddle Position on Cyclists $\hat{E}^{1}/4$ Pedaling Technique. Medicine and Science in Sports and Exercise, 2006, 38, S181.	0.2	7
52	Comparação de respostas fisiológicas absolutas e relativas entre ciclistas e triatletas. Revista Brasileira De Medicina Do Esporte, 2007, 13, 205-208.	0.1	6
53	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
54	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

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55	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
56	Acute Cardiopulmonary, Metabolic, and Neuromuscular Responses to Severe-Intensity Intermittent Exercises. Journal of Strength and Conditioning Research, 2019, 33, 408-416.	1.0	6
57	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
58	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
59	Critical stroke rate as a parameter for evaluation in swimming. Motriz Revista De Educacao Fisica, 2013, 19, 724-729.	0.3	5
60	Motor unit firing frequency of lower limb muscles during an incremental slide board skating test. Sports Biomechanics, 2017, 16, 540-551.	0.8	5
61	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
62	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
63	Estimation equation of maximum oxygen uptake in taekwondo specific test. Sport Sciences for Health, 2018, 14, 699-703.	0.4	5
64	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
65	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
66	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
67	Temporomandibular joint dysfunction and trapezius muscle fatigability. Brazilian Journal of Physical Therapy, 2007, 11, 333-339.	1.1	4
68	Aspectos relacionados à fadiga durante o ciclismo: uma abordagem biomecânica. Revista Brasileira De Medicina Do Esporte, 2008, 14, 472-477.	0.1	4
69	Ativa $ ilde{A}$ § $ ilde{A}$ £o muscular durante a pedalada em diferentes posi $ ilde{A}$ § $ ilde{A}$ µes do selim. Revista Brasileira De Cineantropometria E Desempenho Humano, 2008, 10, .	0.5	4
70	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
71	Preference and torque asymmetry for elbow joint. Motriz Revista De Educacao Fisica, 2012, 18, 319-326.	0.3	4
72	Compara \tilde{A} § \tilde{A} £o da composi \tilde{A} § \tilde{A} £o corporal, desempenho aer \tilde{A} 3bio e anaer \tilde{A} 3bio entre ciclistas e triatletas competitivos. Revista Brasileira De Cineantropometria E Desempenho Humano, 2013, 15, .	0.5	4

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73	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
74	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
75	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
76	Reproducibility of upper leg EMG frequency content during cycling. Journal of Sports Sciences, 2018, 36, 485-491.	1.0	3
77	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
78	Effect of during of tapering on anaerobic power and capacity in road cyclists. Science and Sports, 2020, 35, 330-335.	0.2	3
79	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
80	Is 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
81	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
82	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
83	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
84	Estudo comparativo das vari $ ilde{A}_i$ veis antropom $ ilde{A}$ ©tricas em bailarinas cl $ ilde{A}_i$ ssicas e jogadoras de voleibol. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 11, .	0.5	2
85	Differences in Pedaling Technique in Cycling: A Cluster Analysis. International Journal of Sports Physiology and Performance, 2016, 11, 959-964.	1.1	2
86	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
87	Virtual cycling effort is dependent on power update rate. European Journal of Sport Science, 2020, 20, 831-838.	1.4	2
88	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
89	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
90	Is 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

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91	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
92	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
93	Effects of Euterpe edulis Martius on inflammatory responses to high-intensity intermittent exercise: Crossover randomized trial. Nutrition, 2021, 91-92, 111344.	1.1	2
94	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
95	Aspectos determinantes do posicionamento corporal no ciclismo: uma revis $\tilde{A} \pounds$ o sistem \tilde{A}_i tica. Motriz Revista De Educacao Fisica, 2010, , .	0.3	1
96	Esforço percebido e cinemática em percentuais da velocidade crÃtica na natação. Motriz Revista De Educacao Fisica, 2011, 17, 708-718.	0.3	1
97	Reliability in ultrasound measurements of plantar aponeurosis thickness. Foot, 2021, 46, 101749.	0.4	1
98	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
99	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
100	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
101	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
102	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
103	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
104	Análise da técnica de pedalada durante o ciclismo até a exaustão. Motriz Revista De Educacao Fisica, 2012, 18, 476-486.	0.3	1
105	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	0
106	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
107	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
108	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

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109	Analysis of Elasticity Index of a Bovine Beef by Quasi Static Elastography. IFMBE Proceedings, 2019, , 47-50.	0.2	0
110	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
111	Periodização ondulatória vs periodização linear. Revista Brasileira De Educação FÃsica E Esporte: RBEFE, 2020, 34, 83-92.	0.1	0
112	Reliability of portable electrical impedance myograph SKULPT® for morphological measures of vastus lateralis/ Confiabilidade da impedĀ¢ncia elĀ©trica do miógrafo portátil SKULPT® a partir de medidas morfológicas do vastus lateralis. Brazilian Journal of Development, 2021, 7, 33910-33923.	0.0	0
113	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
114	O gênero influencia a intensidade do eco do quadrÃceps femoral em indivÃduos jovens e saudáveis?. , 2021, 4, .		0
115	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
116	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
117	Formação em educação fÃsica e a intervenção no esporte de alto rendimento. , 2016, , 266-289.		0
118	Periodização ondulatória vs periodização linear. Revista Brasileira De Educação FÃsica E Esporte: RBEFE, 2020, 34, 83-92.	0.1	0
119	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
120	Perfil das teses do PPGEF/UFSC no per $ ilde{A}$ odo de 2009-2019: uma an $ ilde{A}_i$ lise a partir das $ ilde{A}_i$ reas de concentra $ ilde{A}$ § $ ilde{A}$ £o. Revista Brasileira De Ciencias Do Esporte, 0, 42, .	0.4	0
121	VELOCIDADE CRÃTICA NA CAMINHADA: CONSUMO DE OXIGÊNIO, FREQUÊNCIA DE PASSADA E ESFORÇO PERCEBIDO. Revista Brasileira De Ciência E Movimento, 2020, 28, 162.	0.0	0
122	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	0
123	RELIABILITY OF PORTABLE ELECTRICAL IMPEDANCE MYOGRAPH SKULPT® FOR MORPHOLOGICAL MEASURES OF VASTUS LATERALIS. , 0, , 129-143.		0
124	Physiotherapeutic approach in seamstresses with neck pain: A single-blind, randomized clinical trial. Journal of Bodywork and Movement Therapies, 2022, , .	0.5	0
125	Rectus femoris activation is modified by training status and correlates with endurance performance in cycling. Sport Sciences for Health, 0, , $1.$	0.4	0
126	Does static stretching change uniformly the quadriceps elasticity in physically actives subjects?. Journal of Ultrasound, 2022, , 1.	0.7	0