

Trevor C. Chen

List of Publications by Year in descending order

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51
papers

2,106
citations

218592

26
h-index

233338

45
g-index

51
all docs

51
docs citations

51
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms and Mediators of the Skeletal Muscle Repeated Bout Effect. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 24-33.	1.6	191
2	Comparison in eccentric exercise-induced muscle damage among four limb muscles. <i>European Journal of Applied Physiology</i> , 2011, 111, 211-223.	1.2	175
3	Intensity of eccentric exercise, shift of optimum angle, and the magnitude of repeated-bout effect. <i>Journal of Applied Physiology</i> , 2007, 102, 992-999.	1.2	158
4	Changes in running economy following downhill running. <i>Journal of Sports Sciences</i> , 2007, 25, 55-63.	1.0	98
5	Susceptibility to Exercise-Induced Muscle Damage: a Cluster Analysis with a Large Sample. <i>International Journal of Sports Medicine</i> , 2016, 37, 633-640.	0.8	93
6	Effects of a 7-day eccentric training period on muscle damage and inflammation. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1732-1738.	0.2	92
7	Inflammatory gene changes associated with the repeated-bout effect. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1628-R1637.	0.9	90
8	Muscle damage responses of the elbow flexors to four maximal eccentric exercise bouts performed every 4 weeks. <i>European Journal of Applied Physiology</i> , 2009, 106, 267-275.	1.2	83
9	Muscle damage induced by electrical stimulation. <i>European Journal of Applied Physiology</i> , 2011, 111, 2427-2437.	1.2	78
10	Changes in running economy at different intensities following downhill running. <i>Journal of Sports Sciences</i> , 2009, 27, 1137-1144.	1.0	75
11	Effects of a second bout of maximal eccentric exercise on muscle damage and electromyographic activity. <i>European Journal of Applied Physiology</i> , 2003, 89, 115-121.	1.2	71
12	Attenuation of Eccentric Exercise-Induced Muscle Damage by Preconditioning Exercises. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2090-2098.	0.2	66
13	Effects of Flexibility Training on Eccentric Exercise-Induced Muscle Damage. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 491-500.	0.2	65
14	Muscle damage protection by low-intensity eccentric contractions remains for 2 weeks but not 3 weeks. <i>European Journal of Applied Physiology</i> , 2012, 112, 555-565.	1.2	57
15	Damage and the repeated bout effect of arm, leg, and trunk muscles induced by eccentric resistance exercises. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 725-735.	1.3	54
16	Potent Protective Effect Conferred by Four Bouts of Low-Intensity Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1004-1012.	0.2	53
17	Contralateral Repeated Bout Effect of Eccentric Exercise of the Elbow Flexors. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2030-2039.	0.2	46
18	Effects of Descending Stair Walking on Health and Fitness of Elderly Obese Women. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1614-1622.	0.2	46

#	ARTICLE	IF	CITATIONS
19	Responses of Elbow Flexors to Two Strenuous Eccentric Exercise Bouts Separated by Three Days. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 108.	1.0	44
20	Effect of two maximal isometric contractions on eccentric exercise-induced muscle damage of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2013, 113, 1545-1554.	1.2	43
21	Eccentric exercise-induced muscle damage of pre-adolescent and adolescent boys in comparison to young men. <i>European Journal of Applied Physiology</i> , 2014, 114, 1183-1195.	1.2	43
22	Contralateral Effects by Unilateral Eccentric versus Concentric Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 474-483.	0.2	36
23	Two maximal isometric contractions attenuate the magnitude of eccentric exercise-induced muscle damage. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 680-689.	0.9	34
24	Low-intensity eccentric contractions attenuate muscle damage induced by subsequent maximal eccentric exercise of the knee extensors in the elderly. <i>European Journal of Applied Physiology</i> , 2013, 113, 1005-1015.	1.2	34
25	Effects of a 30-min running performed daily after downhill running on recovery of muscle function and running economy. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 271-279.	0.6	32
26	Variability in Muscle Damage After Eccentric Exercise and the Repeated Bout Effect. <i>Research Quarterly for Exercise and Sport</i> , 2006, 77, 362-371.	0.8	30
27	Effects of number of eccentric muscle actions on first and second bouts of eccentric exercise of the elbow flexors. <i>Journal of Science and Medicine in Sport</i> , 2006, 9, 57-66.	0.6	27
28	The Effects of Repeated Maximal Voluntary Isokinetic Eccentric Exercise on Recovery from Muscle Damage. <i>Research Quarterly for Exercise and Sport</i> , 2000, 71, 260-266.	0.8	26
29	Protective effect by maximal isometric contractions against maximal eccentric exercise-induced muscle damage of the knee extensors. <i>Research in Sports Medicine</i> , 2016, 24, 228-241.	0.7	19
30	Comparison among three different intensities of eccentric contractions of the elbow flexors resulting in the same strength loss at one day post-exercise for changes in indirect muscle damage markers. <i>European Journal of Applied Physiology</i> , 2020, 120, 267-279.	1.2	19
31	Contralateral Repeated Bout Effect of the Knee Flexors. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 542-550.	0.2	18
32	Acute Effects of Static Active or Dynamic Active Stretching on Eccentric-Exercise-Induced Hamstring Muscle Damage. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 346-352.	1.1	16
33	Muscle damage protective effect by two maximal isometric contractions on maximal eccentric exercise of the elbow flexors of the contralateral arm. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1354-1360.	1.3	16
34	Low-intensity elbow flexion eccentric contractions attenuate maximal eccentric exercise-induced muscle damage of the contralateral arm. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1068-1072.	0.6	14
35	Damage protective effects conferred by low-intensity eccentric contractions on arm, leg and trunk muscles. <i>European Journal of Applied Physiology</i> , 2019, 119, 1055-1064.	1.2	11
36	Large increases in plasma fast skeletal muscle troponin I after whole-body eccentric exercises. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 776-781.	0.6	10

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37	Decreased running economy is not associated with decreased force production capacity following downhill running in untrained, young men. <i>European Journal of Sport Science</i> , 2021, 21, 84-92.	1.4	8
38	Muscle Damage and Performance after Single and Multiple Simulated Matches in University Elite Female Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4134.	1.2	7
39	Striking muscle adaptations induced by volume-dependent repeated bouts of low-intensity eccentric exercise of the elbow flexors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 897-905.	0.9	5
40	Changes in plasma C1q, apelin and adropin concentrations in older adults after descending and ascending stair walking intervention. <i>Scientific Reports</i> , 2021, 11, 17644.	1.6	4
41	Effect of preconditioning exercise on biceps brachii myotendinous junction displacement during elbow flexor eccentric exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 813-825.	1.3	3
42	THE EFFECTS OF STRETCHING AND CRYOTHERAPY ON DELAYED ONSET MUSCLE SORENESS 1077. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 181.	0.2	3
43	Effects of Far-Infrared Radiation-Lamp Therapy on Recovery From Simulated Soccer Match Running Activities in Elite Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2022, 17, 1432-1438.	1.1	3
44	RESPONSES OF ELBOW FLEXORS TO TWO STRENUOUS ECCENTRIC EXERCISE BOUTS SEPARATED BY THREE DAYS. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 108-116.	1.0	2
45	Effects of Gradient Variations on Physiological Responses to a 30-minute Run. <i>Journal of Exercise Science and Fitness</i> , 2009, 7, 85-90.	0.8	2
46	Effect of Leg Eccentric Exercise on Muscle Damage of the Elbow Flexors after Maximal Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1473-1481.	0.2	2
47	Changes in blood bone markers after the first and second bouts of whole-body eccentric exercises. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 521-532.	1.3	2
48	Variability in Muscle Damage After Eccentric Exercise and the Repeated Bout Effect. <i>Research Quarterly for Exercise and Sport</i> , 2006, 77, 362-371.	0.8	1
49	Acute responses of bone specific and related markers to maximal eccentric exercise of the knee extensors and flexors in young men. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2020, 20, 206-215.	0.1	1
50	Low-intensity Eccentric Contractions Attenuate Maximal Eccentric Contraction-induced Muscle Damage of the Knee Extensors. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 925.	0.2	0
51	Changes in Insulin Sensitivity and Lipid Profile Markers Following Initial and Secondary Bouts of Multiple Eccentric Exercises. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	0