Joshua L Keller

List of Publications by Citations

46 papers	144 citations	7 h-index	9 g-index
57 ext. papers	230 ext. citations	2 avg, IF	3.13 L-index

#	Paper	IF	Citations
46	Early phase adaptations in muscle strength and hypertrophy as a result of low-intensity blood flow restriction resistance training. *European Journal of Applied Physiology*, **2018**, 118, 1831-1843	3.4	18
45	Inter- and Intra-Individual Differences in EMG and MMG during Maximal, Bilateral, Dynamic Leg Extensions. *Sports*, **2019**, 7,	3	11
44	Low-load blood flow restriction elicits greater concentric strength than non-blood flow restriction resistance training but similar isometric strength and muscle size. *European Journal of Applied Physiology*, **2020**, 120, 425-441	3.4	10
43	Eccentric and concentric blood flow restriction resistance training on indices of delayed onset muscle soreness in untrained women. *European Journal of Applied Physiology*, **2019**, 119, 2363-2373	3.4	9
42	Sex-Related Differences in the Accuracy of Estimating Target Force Using Percentages of Maximal Voluntary Isometric Contractions vs. Ratings of Perceived Exertion During Isometric Muscle Actions. *Journal of Strength and Conditioning Research*, **2018**, 32, 3294-3300	3.2	9
41	Effects of fatigue and recovery on electromechanical delay during isokinetic muscle actions. *Physiological Measurement*, **2017**, 38, 1837-1847	2.9	8
40	Performance fatigability and neuromuscular responses for bilateral versus unilateral leg extensions in women. *Journal of Electromyography and Kinesiology*, **2020**, 50, 102367	2.5	8
39	Neuromuscular responses of recreationally active women during a sustained, submaximal isometric leg extension muscle action at a constant perception of effort. *European Journal of Applied Physiology*, **2018**, 118, 2499-2508	3.4	6
38	The validity of the EMG and MMG techniques to examine muscle hypertrophy. *Physiological Measurement*, **2019**, 40, 025009	2.9	5
37	A biosignal analysis for reducing prosthetic control durations: a proposed method using electromyographic and mechanomyographic control theory. *Journal of Musculoskeletal Neuronal Interactions*, **2019**, 19, 142-149	1.3	5
36	Are there mode-specific and fatigue-related electromechanical delay responses for maximal isokinetic and isometric muscle actions?. *Journal of Electromyography and Kinesiology*, **2017**, 37, 9-14	2.5	4
35	Sex differences for fatigue-induced changes in muscle blood flow, but not eccentric peak torque or neuromuscular responses. *Journal of Musculoskeletal Neuronal Interactions*, **2018**, 18, 427-437	1.3	4
34	The Effects of Asparagus Racemosus Supplementation Plus 8 Weeks of Resistance Training on Muscular Strength and Endurance. *Journal of Functional Morphology and Kinesiology*, **2020**, 5,	2.4	4
33	The effects of Shilajit supplementation on fatigue-induced decreases in muscular strength and serum hydroxyproline levels. *Journal of the International Society of Sports Nutrition*, **2019**, 16, 3	4.5	4
32	High- vs. Low-Intensity Fatiguing Eccentric Exercise on Muscle Thickness, Strength, and Blood Flow. *Journal of Strength and Conditioning Research*, **2021**, 35, 33-40	3.2	4
31	Similar performance fatigability and neuromuscular responses following sustained bilateral tasks above and below critical force. *European Journal of Applied Physiology*, **2021**, 121, 1111-1124	3.4	4
30	Self-Regulated Force and Neuromuscular Responses During Fatiguing Isometric Leg Extensions Anchored to a Rating of Perceived Exertion. *Applied Psychophysiology Biofeedback*, **2019**, 44, 343-350	3.4	3

29	Are There Sex-Specific Neuromuscular or Force Responses to Fatiguing Isometric Muscle Actions Anchored to a High Perceptual Intensity?. *Journal of Strength and Conditioning Research*, **2019**,	3.2	3
28	Co-Activation, Estimated Anterior and Posterior Cruciate Ligament Forces, and Motor Unit Activation Strategies during the Time Course of Fatigue. *Sports*, **2018**, 6,	3	3
27	Variable resistance training versus traditional weight training on the reflex pathway following four weeks of leg press training. *Somatosensory & Motor Research*, **2019**, 36, 223-229	1.2	2
26	The effect of epoch length on time and frequency domain parameters of electromyographic and mechanomyographic signals. *Journal of Electromyography and Kinesiology*, **2018**, 40, 88-94	2.5	2
25	Performance fatigability and neuromuscular responses for bilateral and unilateral leg extensions in men. *Journal of Musculoskeletal Neuronal Interactions*, **2020**, 20, 325-331	1.3	2
24	Patterns of responses and time-course of changes in muscle size and strength during low-load blood flow restriction resistance training in women. *European Journal of Applied Physiology*, **2021**, 121, 1473-1485	3.4	2
23	Sex- and Mode-specific Responses to Eccentric Muscle Fatigue. *International Journal of Sports Medicine*, **2018**, 39, 893-901	3.6	2
22	Sex-Related Differences in Performance Fatigability Independent of Blood Flow Following a Sustained Muscle Action at a Low Perceptual Intensity. *Journal of Science in Sport and Exercise*, **2020**, 2, 173-182	1	1
21	Effects of Fatigue on Voluntary Electromechanical and Relaxation Electromechanical Delay. *International Journal of Sports Medicine*, **2017**, 38, 763-769	3.6	1
20	Task-specific performance fatigability and the bilateral deficit during isokinetic leg extensions. *Journal of Musculoskeletal Neuronal Interactions*, **2021**, 21, 4-12	1.3	1
19	The Contributions of Arterial Cross-Sectional Area and Time-Averaged Flow Velocity to Arterial Blood Flow. *Journal of Medical Ultrasound*, **2018**, 26, 186-193	0.8	1
18	Men Exhibit Greater Pain Pressure Thresholds and Times to Task Failure but Not Performance Fatigability Following Self-Paced Exercise. *Perceptual and Motor Skills*, **2021**, 128, 2326-2345	2.2	1
17	Day to Day Consistency and Inter-subject Variability of Neuromuscular Responses and Performance Fatigability as the Result of Maximal, Bilateral, Dynamic Leg Extensions. *Journal of Science in Sport and Exercise*, **2021**, 3, 195-204	1	1
16	Echo intensity is weakly associated with muscular strength and endurance in young, healthy adults. *Research in Sports Medicine*, **2021**, 1-12	3.8	1
15	Acute changes in muscle thickness, edema, and blood flow are not different between low-load blood flow restriction and non-blood flow restriction. *Clinical Physiology and Functional Imaging*, **2021**, 41, 452-460	2.4	1
14	Men exhibit faster skeletal muscle tissue desaturation than women before and after a fatiguing handgrip. *European Journal of Applied Physiology*, **2021**, 121, 3473-3483	3.4	1
13	The effects of blood flow restriction resistance training on indices of delayed onset muscle soreness and peak power. *Isokinetics and Exercise Science*, **2021**, 1-9	0.6	1
12	Velocity-Specific Coactivation and Neuromuscular Responses to Fatiguing, Reciprocal, Isokinetic, Forearm Flexion, and Extension Muscle Actions.. *Journal of Strength and Conditioning Research*, **2022**, 36, 649-660	3.2	1

11	Are mode-specific differences in performance fatigability attributable to muscle oxygenation?. *European Journal of Applied Physiology*, **2021**, 121, 2243-2252	3.4	0
10	Performance fatigability and the bilateral deficit during maximal, isokinetic leg extensions in men and women. *Isokinetics and Exercise Science*, **2021**, 29, 59-66	0.6	0
9	Coactivation does not contribute to fatigue-induced decreases in torque during reciprocal, isokinetic muscle actions. *Isokinetics and Exercise Science*, **2022**, 1-14	0.6	0
8	Fatigue-induced Changes In Neuromuscular Responses During Maximal Bilateral Leg Extensions. *Medicine and Science in Sports and Exercise*, **2020**, 52, 934-934	1.2	
7	Performance Fatigability And Neuromuscular Patterns Of Responses For Bilateral Versus Unilateral Leg Extensions In Men.. *Medicine and Science in Sports and Exercise*, **2020**, 52, 943-943	1.2	
6	The acute and early phase effects of blood flow restriction training on ratings of perceived exertion, performance fatigability, and muscular strength in women. *Isokinetics and Exercise Science* , **2021**, 29, 39-48	0.6	
5	Effects of 4-weeks of elastic variable resistance training on the electrochemical and mechanical components of voluntary electromechanical delay durations. *European Journal of Applied Physiology*, **2021**, 121, 3313-3321	3.4	
4	The Effects Of Blood Flow Restriction Training On Indices Of Doms And Peak Torque. *Medicine and Science in Sports and Exercise*, **2021**, 53, 20-20	1.2	
3	Are Mode-specific Differences In Performance Fatigability Attributable To Muscle Oxygenation?. *Medicine and Science in Sports and Exercise*, **2021**, 53, 104-104	1.2	
2	Fatigue-induced Changes In Coactivation Following Maximal, Isometric, Forearm Flexion To Task-failure. *Medicine and Science in Sports and Exercise*, **2021**, 53, 26-26	1.2	
1	The effects of phosphocreatine disodium salts plus blueberry extract supplementation on muscular strength, power, and endurance. *Journal of the International Society of Sports Nutrition*, **2021**, 18, 60	4.5	