Gordon L Warren

List of Publications by Year in Descending Order

122 papers	5,965 citations	42 h-index	76 g-index
157 ext. papers	6,505 ext. citations	2.7 avg, IF	5.44 L-index

#	Paper	IF	Citations
122	Contraction-Induced Loss of Plasmalemmal Electrophysiological Function Is Dependent on the Dystrophin Glycoprotein Complex. *Frontiers in Physiology*, **2021**, 12, 757121	4.6	1
121	The Mental Health Well-Being of Grandparents Raising Grandchildren: A Systematic Review and Meta-Analysis. *Marriage and Family Review*, **2021**, 57, 329-345	0.9	4
120	Nanofiber-Based Delivery of Bioactive Lipids Promotes Pro-regenerative Inflammation and Enhances Muscle Fiber Growth After Volumetric Muscle Loss. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 650289	5.8	0
119	Voluntary and magnetically evoked muscle contraction protocol in males with Duchenne muscular dystrophy: Safety, feasibility, reliability, and validity. *Muscle and Nerve*, **2021**, 64, 190-198	3.4	2
118	Downhill Running Impairs Activation and Strength of the Elbow Flexors. *Journal of Strength and Conditioning Research*, **2021**, 35, 2145-2150	3.2	2
117	Effect of Exercise Training on the Mental and Physical Well-Being of Caregivers for Persons Living With Chronic Illnesses: A Systematic Review and Meta-Analysis. *Journal of Applied Gerontology*, **2021**, 40, 18-27	3.3	3
116	Tissue selective effects of bazedoxifene on the musculoskeletal system in female mice. *Journal of Endocrinology*, **2021**, 248, 181-191	4.7	0
115	Male mice with elevated C-type natriuretic peptide-dependent guanylyl cyclase-B activity have increased osteoblasts, bone mass and bone strength. *Bone*, **2020**, 135, 115320	4.7	7
114	A retrospective analysis of associations between BMI and days spent on mechanical ventilation in a level 1 trauma facility. *Heart and Lung: Journal of Acute and Critical Care*, **2020**, 49, 605-609	2.6	0
113	Plasmalemma Function Is Rapidly Restored in Mdx Muscle after Eccentric Contractions. *Medicine and Science in Sports and Exercise*, **2020**, 52, 354-361	1.2	14
112	Enhancement of knee extension voluntary and electrically-evoked strength with the body tilted backward. *Isokinetics and Exercise Science*, **2020**, 28, 101-109	0.6	
111	Caffeine Ingestion With or Without Low-Dose Carbohydrate Improves Exercise Tolerance in Sedentary Adults. *Frontiers in Nutrition*, **2019**, 6, 9	6.2	6
110	Effects of treadmill running and limb immobilization on knee cartilage degeneration and locomotor joint kinematics in rats following knee meniscal transection. *Osteoarthritis and Cartilage*, **2019**, 27, 1851-1859	6.3	2
109	Therapeutic Approaches for Volumetric Muscle Loss Injury: A Systematic Review and Meta-Analysis. *Tissue Engineering - Part B: Reviews*, **2019**, 25, 510-525	7.9	31
108	Increased Fiber Excitability Does Not Contribute to Post-Tetanic Potentiation in Mice. *FASEB Journal*, **2019**, 33, 701.14	0.9	
107	Sites of Disruption in Dystrophic Muscle Following Eccentric Contractions. *Medicine and Science in Sports and Exercise*, **2019**, 51, 144-144	1.2	
106	Acromion morphology and prevalence of rotator cuff tear: A systematic review and meta-analysis. *Clinical Anatomy*, **2019**, 32, 122-130	2.5	13

105	Effect of NSAIDs on Recovery From Acute Skeletal Muscle Injury: A Systematic Review and Meta-analysis. *American Journal of Sports Medicine*, **2018**, 46, 224-233	6.8	25
104	A moderate oestradiol level enhances neutrophil number and activity in muscle after traumatic injury but strength recovery is accelerated. *Journal of Physiology*, **2018**, 596, 4665-4680	3.9	20
103	Early rehabilitation for volumetric muscle loss injury augments endogenous regenerative aspects of muscle strength and oxidative capacity. *BMC Musculoskeletal Disorders*, **2018**, 19, 173	2.8	18
102	Activation of G Protein-Coupled Estrogen Receptor Contributes to Muscle Force Potentiation in Ovariectomized Mice. *Medicine and Science in Sports and Exercise*, **2018**, 50, 114	1.2	
101	Recovery of Membrane Excitability in Dystrophic Skeletal Muscle Following Eccentric Contractions. *Medicine and Science in Sports and Exercise*, **2018**, 50, 643	1.2	
100	Minimal Evidence for a Secondary Loss of Strength After an Acute Muscle Injury: A Systematic Review and Meta-Analysis. *Sports Medicine*, **2017**, 47, 41-59	10.6	11
99	Skeletal Myoblast-Seeded Vascularized Tissue Scaffolds in the Treatment of a Large Volumetric Muscle Defect in the Rat Biceps Femoris Muscle. *Tissue Engineering - Part A*, **2017**, 23, 989-1000	3.9	26
98	Increasing hip and knee flexion during a drop-jump task reduces tibiofemoral shear and compressive forces: implications for ACL injury prevention training. *Journal of Sports Sciences*, **2017**, 35, 2405-2411	3.6	15
97	A Proximal Fibularis Brevis Muscle Is Associated with Longitudinal Split Tendons: A Cadaveric Study. *Journal of Foot and Ankle Surgery*, **2017**, 56, 34-36	1.6	6
96	Altered Joint Loading Affects Cartilage Degeneration and Limb Function in Rats following Knee Meniscal Transection. *Medicine and Science in Sports and Exercise*, **2017**, 49, 949	1.2	
95	Caffeine but not Low-Carbohydrate Improves Exercise Capacity in Sedentary Adults Similar to Endurance Trained Athletes. *Medicine and Science in Sports and Exercise*, **2017**, 49, 115	1.2	
94	Mitochondrial maintenance via autophagy contributes to functional skeletal muscle regeneration and remodeling. *American Journal of Physiology - Cell Physiology*, **2016**, 311, C190-200	5.4	37
93	Small Beneficial Effect of Caffeinated Energy Drink Ingestion on Strength. *Journal of Strength and Conditioning Research*, **2016**, 30, 1862-70	3.2	7
92	Guidelines for Models of Skeletal Muscle Injury and Therapeutic Assessment. *Cells Tissues Organs*, **2016**, 202, 214-226	2.1	7
91	Assessing Resting Metabolic Rate in Overweight and Obese Adolescents With a Portable Indirect Calorimeter: A Pilot Study for Validation and Reliability. *Nutrition in Clinical Practice*, **2016**, 31, 355-61	3.6	5
90	Aging and the muscle-bone relationship. *Physiology*, **2015**, 30, 8-16	9.8	42
89	Estradiol enhances neutrophil infiltration into traumatically-injured skeletal muscle. *FASEB Journal*, **2015**, 29, LB704	0.9	0
88	Effectiveness of constraint-induced movement therapy on upper-extremity function in children with cerebral palsy: a systematic review and meta-analysis of randomized controlled trials. *Clinical Rehabilitation*, **2014**, 28, 939-53	3.3	48

87	Functional analysis of limb recovery following autograft treatment of volumetric muscle loss in the quadriceps femoris. *Journal of Biomechanics*, **2014**, 47, 2013-21	2.9	52
86	CCR2 elimination in mice results in larger and stronger tibial bones but bone loss is not attenuated following ovariectomy or muscle denervation. *Calcified Tissue International*, **2014**, 95, 457-66	3.9	9
85	Low intensity, high frequency vibration training to improve musculoskeletal function in a mouse model of Duchenne muscular dystrophy. *PLoS ONE*, **2014**, 9, e104339	3.7	11
84	Attenuated human bone morphogenetic protein-2-mediated bone regeneration in a rat model of composite bone and muscle injury. *Tissue Engineering - Part C: Methods*, **2013**, 19, 316-25	2.9	56
83	Acute failure of action potential conduction in mdx muscle reveals new mechanism of contraction-induced force loss. *Journal of Physiology*, **2013**, 591, 3765-76	3.9	29
82	Matrix Metalloprotease Inhibition Negatively Affects Signaling Required for Muscle Regeneration Post-traumatic Injury. *FASEB Journal*, **2013**, 27, 939.18	0.9	
81	Matrix metalloprotease inhibitor Batimastat does not improve skeletal muscle function post-traumatic injury. *FASEB Journal*, **2012**, 26, 1086.2	0.9	
80	Bone is functionally impaired in dystrophic mice but less so than skeletal muscle. *Neuromuscular Disorders*, **2011**, 21, 183-93	2.9	36
79	Does caffeine added to carbohydrate provide additional ergogenic benefit for endurance?. *International Journal of Sport Nutrition and Exercise Metabolism*, **2011**, 21, 71-84	4.4	46
78	Toll-like and adenosine receptor expression in injured skeletal muscle. *Muscle and Nerve*, **2011**, 44, 85-92	3.4	14
77	Estradiol's beneficial effect on murine muscle function is independent of muscle activity. *Journal of Applied Physiology*, **2011**, 110, 109-15	3.7	45
76	Adaptive strength gains in dystrophic muscle exposed to repeated bouts of eccentric contraction. *Journal of Applied Physiology*, **2011**, 111, 1768-77	3.7	36
75	Quercetin and endurance exercise capacity: a systematic review and meta-analysis. *Medicine and Science in Sports and Exercise*, **2011**, 43, 2396-404	1.2	64
74	Dystrophin is not required for skeletal muscle to adapt to repeated bouts of lengthening contractions. *FASEB Journal*, **2011**, 25, 1105.13	0.9	
73	Acceleration tolerance after ingestion of a commercial energy drink. *Aviation, Space, and Environmental Medicine*, **2010**, 81, 1100-6		4
72	Mouse plantar flexor muscle size and strength after inactivity and training. *Aviation, Space, and Environmental Medicine*, **2010**, 81, 632-8		2
71	Effect of caffeine ingestion on muscular strength and endurance: a meta-analysis. *Medicine and Science in Sports and Exercise*, **2010**, 42, 1375-87	1.2	167
70	Addition Of Caffeine To Carbohydrate: Improved Ergogenic Effect For Endurance Exercise?. *Medicine and Science in Sports and Exercise*, **2010**, 42, 107	1.2	

69	Matrix metalloprotease-3 and tissue inhibitor of metalloprotease-1 mRNA and protein levels are altered in response to traumatic skeletal muscle injury. *European Journal of Applied Physiology*, **2010**, 109, 963-72	3.4	9
68	Estrogen regulates estrogen receptors and antioxidant gene expression in mouse skeletal muscle. *PLoS ONE*, **2010**, 5, e10164	3.7	112
67	Innate resolution of traumatic injury-induced skeletal muscle inflammation is initiated within 24 hours and involves MKP-1 induction, Hsf-1 disinhibition, and Hsp27 expression. *FASEB Journal*, **2010** , 24, 753.9	0.9	
66	Hormone therapy and skeletal muscle strength: a meta-analysis. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2009**, 64, 1071-81	6.4	131
65	Alterations in mRNA and protein levels of metalloproteinases-2, -9, and -14 and tissue inhibitor of metalloproteinase-2 responses to traumatic skeletal muscle injury. *American Journal of Physiology - Cell Physiology*, **2009**, 297, C1501-8	5.4	21
64	Comments on Point:Counterpoint: Estrogen and sex do/do not influence post-exercise indexes of muscle damage, inflammation, and repair. *Journal of Applied Physiology*, **2009**, 106, 1016-20	3.7	10
63	Caffeines enhancement of maximal voluntary strength and activation in uninjured but not injured muscle. *International Journal of Sport Nutrition and Exercise Metabolism*, **2008**, 18, 639-52	4.4	24
62	Mechanisms of skeletal muscle injury and repair revealed by gene expression studies in mouse models. *Journal of Physiology*, **2007**, 582, 825-41	3.9	95
61	Voluntary run training but not estradiol deficiency alters the tibial bone-soleus muscle functional relationship in mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 293, R2015-26	3.2	22
60	Estradiol replacement reverses ovariectomy-induced muscle contractile and myosin dysfunction in mature female mice. *Journal of Applied Physiology*, **2007**, 102, 1387-93	3.7	124
59	Caffeinated sports drink: ergogenic effects and possible mechanisms. *International Journal of Sport Nutrition and Exercise Metabolism*, **2007**, 17, 35-55	4.4	66
58	Hydration during exercise in warm, humid conditions: effect of a caffeinated sports drink. *International Journal of Sport Nutrition and Exercise Metabolism*, **2007**, 17, 163-77	4.4	26
57	CK-MM autoantibodies: prevalence, immune complexes, and effect on CK clearance. *Muscle and Nerve*, **2006**, 34, 335-46	3.4	17
56	Macrophages and skeletal muscle regeneration: a clodronate-containing liposome depletion study. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 290, R1488-95	3.2	201
55	Removal of ovarian hormones from mature mice detrimentally affects muscle contractile function and myosin structural distribution. *Journal of Applied Physiology*, **2006**, 100, 548-59	3.7	80
54	Recovery from run training: efficacy of a carbohydrate-protein beverage?. *International Journal of Sport Nutrition and Exercise Metabolism*, **2005**, 15, 610-24	4.4	53
53	Soleus and EDL muscle contractility across the lifespan of female C57BL/6 mice. *Experimental Gerontology*, **2005**, 40, 966-75	4.5	61
52	Chemokine receptor CCR2 involvement in skeletal muscle regeneration. *FASEB Journal*, **2005**, 19, 413-5	0.9	130

51	Fluid Replacement In The Heat. *Medicine and Science in Sports and Exercise*, **2005**, 37, S28	1.2	1
50	Dihydropyridine and ryanodine receptor binding after eccentric contractions in mouse skeletal muscle. *Journal of Applied Physiology*, **2004**, 96, 1619-25	3.7	41
49	Muscle activity and aging affect myosin structural distribution and force generation in rat fibers. *Journal of Applied Physiology*, **2004**, 96, 498-506	3.7	33
48	Role of CC chemokines in skeletal muscle functional restoration after injury. *American Journal of Physiology - Cell Physiology*, **2004**, 286, C1031-6	5.4	111
47	Functional recovery of the plantarflexor muscle group after hindlimb unloading in the rat. *European Journal of Applied Physiology*, **2004**, 93, 130-8	3.4	25
46	Temporal patterns of plantar pressures and lower-leg muscle activity during walking: effect of speed. *Gait and Posture*, **2004**, 19, 91-100	2.6	64
45	Variable-frequency-train stimulation of skeletal muscle after spinal cord injury. *Journal of Rehabilitation Research and Development*, **2004**, 41, 33-40		28
44	CK-MM Autoantibodies after Skeletal Muscle Injury. *Medicine and Science in Sports and Exercise*, **2004**, 36, S289	1.2	
43	Inflammatory mediators and skeletal muscle injury: a DNA microarray analysis. *Journal of Interferon and Cytokine Research*, **2003**, 23, 237-45	3.5	48
42	Importance of satellite cells in the strength recovery after eccentric contraction-induced muscle injury. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2003**, 285, R1490-5	3.2	58
41	Fatigability and Variable-Frequency Train Stimulation of Human Skeletal Muscles. *Physical Therapy*, **2003**, 83, 366-373	3.3	24
40	Variable frequency trains enhance torque independent of stimulation amplitude. *Acta Physiologica Scandinavica*, **2003**, 177, 87-92		15
39	IMPORTANCE OF SATELLITE CELLS IN RECOVERY FROM ECCENTRIC CONTRACTION-INDUCED INJURY. *Medicine and Science in Sports and Exercise*, **2003**, 35, S157	1.2	
38	Fatigability and variable-frequency train stimulation of human skeletal muscles. *Physical Therapy*, **2003**, 83, 366-73	3.3	13
37	Temperature dependency of force loss and Ca(2+) homeostasis in mouse EDL muscle after eccentric contractions. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 282, R1122-32	3.2	21
36	What mechanisms contribute to the strength loss that occurs during and in the recovery from skeletal muscle injury?. *Journal of Orthopaedic and Sports Physical Therapy*, **2002**, 32, 58-64	4.2	93
35	Physiological role of tumor necrosis factor alpha in traumatic muscle injury. *FASEB Journal*, **2002**, 16, 1630-2	0.9	185
34	DOES MYOSIN STRUCTURE AND FUNCTION CHANGE WITH INCREASED OR DECREASED MUSCLE ACTIVITY?. *Medicine and Science in Sports and Exercise*, **2002**, 34, S186	1.2	

33	Altered primary myogenesis in NFATC3(-/-) mice leads to decreased muscle size in the adult. *Developmental Biology*, **2001**, 232, 115-26	3.1	102
32	Excitation-Contraction Uncoupling: Major Role in Contraction-Induced Muscle Injury. *Exercise and Sport Sciences Reviews*, **2001**, 29, 82-87	6.7	7
31	Excitation-contraction uncoupling: major role in contraction-induced muscle injury. *Exercise and Sport Sciences Reviews*, **2001**, 29, 82-7	6.7	159
30	Strength loss after eccentric contractions is unaffected by creatine supplementation. *Journal of Applied Physiology*, **2000**, 89, 557-62	3.7	18
29	Muscle activation and the slow component rise in oxygen uptake during cycling. *Medicine and Science in Sports and Exercise*, **2000**, 32, 2040-5	1.2	78
28	Decreased EMG median frequency during a second bout of eccentric contractions. *Medicine and Science in Sports and Exercise*, **2000**, 32, 820-9	1.2	79
27	Mechanical loading attenuates bone loss due to immobilization and calcium deficiency. *Journal of Applied Physiology*, **1999**, 87, 189-95	3.7	41
26	Intracellular Ca2+ transients in mouse soleus muscle after hindlimb unloading and reloading. *Journal of Applied Physiology*, **1999**, 87, 386-90	3.7	113
25	Uncoupling of in vivo torque production from EMG in mouse muscles injured by eccentric contractions. *Journal of Physiology*, **1999**, 515 (Pt 2), 609-19	3.9	74
24	Measurement tools used in the study of eccentric contraction-induced injury. *Sports Medicine*, **1999**, 27, 43-59	10.6	518
23	DIHYDROPYRIDINE AND RYANODINE RECEPTOR BINDING AFTER ECCENTRIC CONTRACTIONS IN MOUSE SKELETAL MUSCLE. *Medicine and Science in Sports and Exercise*, **1999**, 31, S72	1.2	2
22	Dissociation of force production from MHC and actin contents in muscles injured by eccentric contractions. *Journal of Muscle Research and Cell Motility*, **1998**, 19, 215-24	3.5	67
21	A stimulating nerve cuff for chronic in vivo measurements of torque produced about the ankle in the mouse. *Journal of Applied Physiology*, **1998**, 84, 2171-6	3.7	29
20	E-C coupling failure in mouse EDL muscle after in vivo eccentric contractions. *Journal of Applied Physiology*, **1998**, 85, 58-67	3.7	206
19	Decreased contraction economy in mouse EDL muscle injured by eccentric contractions. *Journal of Applied Physiology*, **1996**, 81, 2555-64	3.7	34
18	Estradiol effect on anterior crural muscles-tibial bone relationship and susceptibility to injury. *Journal of Applied Physiology*, **1996**, 80, 1660-5	3.7	40
17	Effects of concentric and eccentric training on muscle strength, cross-sectional area, and neural activation. *Journal of Applied Physiology*, **1996**, 81, 2173-81	3.7	316
16	Differential effects of anesthetics on in vivo skeletal muscle contractile function in the mouse. *Journal of Applied Physiology*, **1996**, 80, 332-40	3.7	44

15	Treadmill exercise training and estradiol increase plasma ACTH and prolactin after novel footshock. *Journal of Applied Physiology*, **1996**, 80, 931-9	3.7	25
14	Redistribution of cell membrane probes following contraction-induced injury of mouse soleus muscle. *Cell and Tissue Research*, **1995**, 282, 311-20	4.2	25
13	Muscle function and protein metabolism after initiation of eccentric contraction-induced injury. *Journal of Applied Physiology*, **1995**, 79, 1260-70	3.7	126
12	Redistribution of cell membrane probes following contraction-induced injury of mouse soleus muscle. *Cell and Tissue Research*, **1995**, 282, 311-320	4.2	1
11	Eccentric contraction-induced injury in normal and hindlimb-suspended mouse soleus and EDL muscles. *Journal of Applied Physiology*, **1994**, 77, 1421-30	3.7	113
10	Eccentric contraction-induced injury of mouse soleus muscle: effect of varying [Ca2+]o. *Journal of Applied Physiology*, **1994**, 76, 1445-53	3.7	32
9	694 CELL MEMORANE DAMAGE IN EXERCISE-INDUCED MUSCLE FIBER INJURY. *Medicine and Science in Sports and Exercise*, **1994**, 26, S124	1.2	2
8	Materials fatigue initiates eccentric contraction-induced injury in rat soleus muscle. *Journal of Physiology*, **1993**, 464, 477-89	3.9	45
7	Excitation failure in eccentric contraction-induced injury of mouse soleus muscle. *Journal of Physiology*, **1993**, 468, 487-99	3.9	132
6	Mechanical factors in the initiation of eccentric contraction-induced injury in rat soleus muscle. *Journal of Physiology*, **1993**, 464, 457-75	3.9	157
5	Red blood cell pulmonary capillary transit time during exercise in athletes. *Medicine and Science in Sports and Exercise*, **1991**, 23, 1353???1361	1.2	33
4	Mechanisms of exercise-induced muscle fibre injury. *Sports Medicine*, **1991**, 12, 184-207	10.6	367
3	Is the gender difference in peak VO2 greater for arm than leg exercise?. *European Journal of Applied Physiology and Occupational Physiology*, **1990**, 60, 149-54		7
2	Criterion-referenced standards for youth health-related fitness tests: a tutorial. *Research Quarterly for Exercise and Sport*, **1990**, 61, 7-19	1.9	86
1	Does lung function limit performance in a 24-hour ultramarathon?. *Respiration Physiology*, **1989**, 78, 253-63		17