

Craig A Goodman

List of Publications by Year in descending order

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83
papers

4,036
citations

126907

33
h-index

123424

61
g-index

99
all docs

99
docs citations

99
times ranked

5359
citing authors

#	ARTICLE	IF	CITATIONS
1	CORP: Gene delivery into murine skeletal muscle using in vivo electroporation. <i>Journal of Applied Physiology</i> , 2022, 133, 41-59.	2.5	4
2	Oral digoxin effects on exercise performance, K ⁺ regulation and skeletal muscle Na ⁺ ,K ⁺ -ATPase in healthy humans. <i>Journal of Physiology</i> , 2022, 600, 3749-3774.	2.9	3
3	Dynamic Changes to the Skeletal Muscle Proteome and Ubiquitinome Induced by the E3 Ligase, ASB2 ² . <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100050.	3.8	16
4	Metronomic 5-Fluorouracil Delivery Primes Skeletal Muscle for Myopathy but Does Not Cause Cachexia. <i>Pharmaceuticals</i> , 2021, 14, 478.	3.8	7
5	More is more? rDNA gene dosage is correlated with resistance exercise-induced ribosome biogenesis. <i>Journal of Physiology</i> , 2021, 599, 3261-3262.	2.9	1
6	The regulation of polyamine pathway proteins in models of skeletal muscle hypertrophy and atrophy: a potential role for mTORC1. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C987-C999.	4.6	14
7	Chemotherapy-Induced Myopathy: The Dark Side of the Cachexia Sphere. <i>Cancers</i> , 2021, 13, 3615.	3.7	29
8	Adenylosuccinic acid: a novel inducer of the cytoprotectant Nrf2 with efficacy in Duchenne muscular dystrophy. <i>Current Medical Research and Opinion</i> , 2021, 37, 465-467.	1.9	4
9	Expanding the MuRF1 Universe with Quantitative Ubiquitylomics. <i>Function</i> , 2021, 2, zqab058.	2.3	0
10	Rapamycin Affects Palmitate-Induced Lipotoxicity in Osteoblasts by Modulating Apoptosis and Autophagy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 58-63.	3.6	38
11	TMEPAI/PMPEA1 Is a Positive Regulator of Skeletal Muscle Mass. <i>Frontiers in Physiology</i> , 2020, 11, 560225.	2.8	5
12	Sodium nitrate co-supplementation does not exacerbate low dose metronomic doxorubicin-induced cachexia in healthy mice. <i>Scientific Reports</i> , 2020, 10, 15044.	3.3	5
13	The Paradoxical Effect of PARP Inhibitor BGP-15 on Irinotecan-Induced Cachexia and Skeletal Muscle Dysfunction. <i>Cancers</i> , 2020, 12, 3810.	3.7	7
14	Effect of inorganic nitrate on exercise capacity, mitochondria respiration, and vascular function in heart failure with reduced ejection fraction. <i>Journal of Applied Physiology</i> , 2020, 128, 1355-1364.	2.5	12
15	Exercise May Ameliorate the Detrimental Side Effects of High Vitamin D Supplementation on Muscle Function in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1092-1106.	2.8	11
16	Adenylosuccinic acid therapy ameliorates murine Duchenne Muscular Dystrophy. <i>Scientific Reports</i> , 2020, 10, 1125.	3.3	24
17	Role of mTORC1 in mechanically induced increases in translation and skeletal muscle mass. <i>Journal of Applied Physiology</i> , 2019, 127, 581-590.	2.5	80
18	Resistance Exercise-Induced Hypertrophy: A Potential Role for Rapamycin-Insensitive mTOR. <i>Exercise and Sport Sciences Reviews</i> , 2019, 47, 188-194.	3.0	37

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19	The role of raptor in the mechanical load-induced regulation of mTOR signaling, protein synthesis, and skeletal muscle hypertrophy. <i>FASEB Journal</i> , 2019, 33, 4021-4034.	0.5	110
20	Osteosarcopenia as a Lipotoxic Disease. , 2019, , 123-143.		2
21	The Hippo Signaling Pathway in the Regulation of Skeletal Muscle Mass and Function. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 92-96.	3.0	48
22	A DGK β -FoxO-ubiquitin proteolytic axis controls fiber size during skeletal muscle remodeling. <i>Science Signaling</i> , 2018, 11, .	3.6	34
23	Temporal mechanically-induced signaling events in bone and dorsal root ganglion neurons after in vivo bone loading. <i>PLoS ONE</i> , 2018, 13, e0192760.	2.5	3
24	Attempting to Compensate for Reduced Neuronal Nitric Oxide Synthase Protein with Nitrate Supplementation Cannot Overcome Metabolic Dysfunction but Rather Has Detrimental Effects in Dystrophin-Deficient mdx Muscle. <i>Neurotherapeutics</i> , 2017, 14, 429-446.	4.4	28
25	Insights into the role and regulation of TCTP in skeletal muscle. <i>Oncotarget</i> , 2017, 8, 18754-18772.	1.8	21
26	The effect of taurine and β -alanine supplementation on taurine transporter protein and fatigue resistance in skeletal muscle from mdx mice. <i>Amino Acids</i> , 2016, 48, 2635-2645.	2.7	25
27	Role of oxidative stress in oxaliplatin-induced enteric neuropathy and colonic dysmotility in mice. <i>British Journal of Pharmacology</i> , 2016, 173, 3502-3521.	5.4	74
28	Functional Deficits Precede Muscle Mass Loss. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 354.	0.4	0
29	Prioritization of skeletal muscle growth for emergence from hibernation. <i>Journal of Experimental Biology</i> , 2015, 218, 276-84.	1.7	40
30	Statin-Induced Increases in Atrophy Gene Expression Occur Independently of Changes in PGC1 β Protein and Mitochondrial Content. <i>PLoS ONE</i> , 2015, 10, e0128398.	2.5	24
31	Yes-Associated Protein is up-regulated by mechanical overload and is sufficient to induce skeletal muscle hypertrophy. <i>FEBS Letters</i> , 2015, 589, 1491-1497.	2.8	82
32	Bone and skeletal muscle: Key players in mechanotransduction and potential overlapping mechanisms. <i>Bone</i> , 2015, 80, 24-36.	2.9	114
33	PGC1 β overexpression by <i>in vivo</i> transfection attenuates mitochondrial deterioration of skeletal muscle caused by immobilization. <i>FASEB Journal</i> , 2015, 29, 4092-4106.	0.5	68
34	The mechanical activation of mTOR signaling: an emerging role for late endosome/lysosomal targeting. <i>Journal of Muscle Research and Cell Motility</i> , 2014, 35, 11-21.	2.0	45
35	A role for Raptor phosphorylation in the mechanical activation of mTOR signaling. <i>Cellular Signalling</i> , 2014, 26, 313-322.	3.6	48
36	The Role of Diacylglycerol Kinase β and Phosphatidic Acid in the Mechanical Activation of Mammalian Target of Rapamycin (mTOR) Signaling and Skeletal Muscle Hypertrophy. <i>Journal of Biological Chemistry</i> , 2014, 289, 1551-1563.	3.4	129

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37	Greater chance of high core temperatures with modified pacing strategy during team sport in the heat. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 113-118.	1.3	59
38	New roles for Smad signaling and phosphatidic acid in the regulation of skeletal muscle mass. <i>F1000prime Reports</i> , 2014, 6, 20.	5.9	19
39	Unaccustomed Eccentric Contractions Impair Plasma K ⁺ Regulation in the Absence of Changes in Muscle Na ⁺ ,K ⁺ -ATPase Content. <i>PLoS ONE</i> , 2014, 9, e101039.	2.5	3
40	Eccentric contractions increase the phosphorylation of tuberous sclerosis complex 2 (TSC2) and alter the targeting of TSC2 and the mechanistic target of rapamycin to the lysosome. <i>Journal of Physiology</i> , 2013, 591, 4611-4620.	2.9	76
41	Smad3 Induces Atrogin-1, Inhibits mTOR and Protein Synthesis, and Promotes Muscle Atrophy In Vivo. <i>Molecular Endocrinology</i> , 2013, 27, 1946-1957.	3.7	102
42	Altering the rest interval during high-intensity interval training does not affect muscle or performance adaptations. <i>Experimental Physiology</i> , 2013, 98, 481-490.	2.0	40
43	The Role of mTORC1 in Regulating Protein Synthesis and Skeletal Muscle Mass in Response to Various Mechanical Stimuli. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2013, 166, 43-95.	1.6	105
44	Growth restriction in the rat alters expression of metabolic genes during postnatal cardiac development in a sex-specific manner. <i>Physiological Genomics</i> , 2013, 45, 99-105.	2.3	23
45	Measuring Protein Synthesis With SUnSET. <i>Exercise and Sport Sciences Reviews</i> , 2013, 41, 107-115.	3.0	199
46	Imaging of protein synthesis with puromycin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E989; author reply E990.	7.1	23
47	Muscle Fiber Type-Dependent Differences in the Regulation of Protein Synthesis. <i>PLoS ONE</i> , 2012, 7, e37890.	2.5	70
48	Commentaries on Viewpoint: Maximal Na ⁺ -K ⁺ -ATPase activity is upregulated in association with muscle activity. <i>Journal of Applied Physiology</i> , 2012, 112, 2124-2126.	2.5	2
49	Resistance Training Improves Depressive Symptoms in Individuals at High Risk for Type 2 Diabetes. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2328-2333.	2.1	16
50	The role of skeletal muscle mTOR in the regulation of mechanical load-induced growth. <i>Journal of Physiology</i> , 2011, 589, 5485-5501.	2.9	238
51	Recent progress toward understanding the molecular mechanisms that regulate skeletal muscle mass. <i>Cellular Signalling</i> , 2011, 23, 1896-1906.	3.6	147
52	Novel insights into the regulation of skeletal muscle protein synthesis as revealed by a new nonradioactive <i>in vivo</i> technique. <i>FASEB Journal</i> , 2011, 25, 1028-1039.	0.5	389
53	The Role of mTOR in Mechanical Load Induced Skeletal Muscle Hypertrophy and Hyperplasia. <i>FASEB Journal</i> , 2011, 25, 1105.1.	0.5	0
54	Growth restriction before and after birth increases kinase signaling pathways in the adult rat heart. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 376-385.	1.4	5

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55	A Phosphatidylinositol 3-Kinase/Protein Kinase B-independent Activation of Mammalian Target of Rapamycin Signaling Is Sufficient to Induce Skeletal Muscle Hypertrophy. <i>Molecular Biology of the Cell</i> , 2010, 21, 3258-3268.	2.1	102
56	A PI3K/PKB-Independent Activation of mTOR Signaling is Sufficient to Induce Skeletal Muscle Hypertrophy. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 7.	0.4	2
57	Akt, AS160, metabolic risk factors and aerobic fitness in middle-aged women. <i>Exercise Immunology Review</i> , 2010, 16, 98-104.	0.4	12
58	Taurine supplementation increases skeletal muscle force production and protects muscle function during and after high-frequency in vitro stimulation. <i>Journal of Applied Physiology</i> , 2009, 107, 144-154.	2.5	65
59	The reliability of the 1RM strength test for untrained middle-aged individuals. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 310-316.	1.3	221
60	Dissociation between force and maximal Na ⁺ , K ⁺ -ATPase activity in rat fast-twitch skeletal muscle with fatiguing in vitro stimulation. <i>European Journal of Applied Physiology</i> , 2009, 105, 575-583.	2.5	4
61	Inflammation, hepatic enzymes and resistance training in individuals with metabolic risk factors. <i>Diabetic Medicine</i> , 2009, 26, 220-227.	2.3	56
62	Functional capacity and quality of life in middle-age men and women with high and low number of metabolic risk factors. <i>International Journal of Cardiology</i> , 2009, 133, 281-283.	1.7	12
63	Psychological Responses to Acute Resistance Exercise in Men and Women Who Are Obese. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1548-1552.	2.1	15
64	Ea€C coupling and contractile characteristics of mechanically skinned single fibres from young rats during rapid growth and maturation. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 456, 1217-1228.	2.8	7
65	BDNF, Metabolic Risk Factors, and Resistance Training in Middle-Aged Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 535-541.	0.4	86
66	No Difference in 1RM Strength and Muscle Activation During the Barbell Chest Press on a Stable and Unstable Surface. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 88-94.	2.1	70
67	Effects of Mild Electro-Stimulation Treatment on Healthy Humans Following Exercise Induced Muscle Damage. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S76.	0.4	2
68	The Effect of Resistance Training on Functional Capacity and Quality of Life in Individuals with High and Low Numbers of Metabolic Risk Factors. <i>Diabetes Care</i> , 2007, 30, 2205-2210.	8.6	90
69	Balance and Injury in Elite Australian Footballers. <i>International Journal of Sports Medicine</i> , 2007, 28, 844-847.	1.7	54
70	Calpain-3 is autolyzed and hence activated in human skeletal muscle 24 h following a single bout of eccentric exercise. <i>Journal of Applied Physiology</i> , 2007, 103, 926-931.	2.5	65
71	Effects of endurance training status and sex differences on Na ⁺ ,K ⁺ -pump mRNA expression, content and maximal activity in human skeletal muscle. <i>Acta Physiologica</i> , 2007, 189, 259-269.	3.8	20
72	N-acetylcysteine attenuates the decline in muscle Na ⁺ ,K ⁺ -pump activity and delays fatigue during prolonged exercise in humans. <i>Journal of Physiology</i> , 2006, 576, 279-288.	2.9	216

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73	Interspersed normoxia during live high, train low interventions reverses an early reduction in muscle Na ⁺ , K ⁺ ATPase activity in well-trained athletes. <i>European Journal of Applied Physiology</i> , 2006, 98, 299-309.	2.5	20
74	Relationship between static and dynamic balance tests among elite Australian Footballers. <i>Journal of Science and Medicine in Sport</i> , 2006, 9, 288-291.	1.3	73
75	Prolonged submaximal exercise induces isoform-specific Na ⁺ -K ⁺ -ATPase mRNA and protein responses in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R414-R424.	1.8	27
76	GLYCOGEN CONTENT AND CONTRACTILE RESPONSIVENESS TO T-SYSTEM DEPOLARIZATION IN SKINNED MUSCLE FIBRES OF THE RAT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 749-756.	1.9	16
77	Dexamethasone up-regulates skeletal muscle maximal Na ⁺ ,K ⁺ pump activity by muscle group specific mechanisms in humans. <i>Journal of Physiology</i> , 2005, 567, 583-589.	2.9	29
78	Does a balance deficit persist in Australian football players with previous lower limb ligament injury?. <i>Journal of Science and Medicine in Sport</i> , 2005, 8, 85-91.	1.3	9
79	MHC-based fiber type and E-C coupling characteristics in mechanically skinned muscle fibers of the rat. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C1448-C1459.	4.6	17
80	A Review of Resistance Exercise and Posture Realignment. <i>Journal of Strength and Conditioning Research</i> , 2001, 15, 385-390.	2.1	11
81	A Review of Resistance Exercise and Posture Realignment. <i>Journal of Strength and Conditioning Research</i> , 2001, 15, 385.	2.1	21
82	Glycogen stability and glycogen phosphorylase activities in isolated skeletal muscles from rat and toad. , 2000, 21, 655-662.		5
83	A Novel DGKK-FoxO-Ubiquitin Proteolytic Axis Controls Fiber Size During Skeletal Muscle Remodeling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0