Darren T Beck

List of Publications by Year
in descending order

62 papers	1,701 citations	279487 23 h-index	288905 40 g-index
63 all docs	63 docs citations	63 times ranked	2257 citing authors

#	Article	IF	Citations
1	Whey Protein Supplementation Effects on Body Composition, Performance, and Blood Biomarkers During Army Initial Entry Training. Frontiers in Nutrition, 2022, 9, 807928.	1.6	3
2	Effects of High-Volume Versus High-Load Resistance Training on Skeletal Muscle Growth and Molecular Adaptations. Frontiers in Physiology, 2022, 13, 857555.	1.3	9
3	Bone loss after severe spinal cord injury coincides with reduced bone formation and precedes bone blood flow deficits. Journal of Applied Physiology, 2021, 131, 1288-1299.	1.2	5
4	Skeletal Muscle Myofibrillar Protein Abundance Is Higher in Resistance-Trained Men, and Aging in the Absence of Training May Have an Opposite Effect. Sports, 2020, 8, 7.	0.7	18
5	Markers of Bone Health and Impact of Whey Protein Supplementation in Army Initial Entry Training Soldiers: A Double-Blind Placebo-Controlled Study. Nutrients, 2020, 12, 2225.	1.7	6
6	Higher doses of a green tea-based supplement increase post-exercise blood flow following an acute resistance exercise bout in recreationally resistance-trained college-aged men. Journal of the International Society of Sports Nutrition, 2020, 17, 27.	1.7	5
7	Skeletal Muscle Protein Composition Adaptations to 10 Weeks of High-Load Resistance Training in Previously-Trained Males. Frontiers in Physiology, 2020, 11, 259.	1.3	19
8	An optimized procedure for isolation of rodent and human skeletal muscle sarcoplasmic and myofibrillar proteins. Journal of Biological Methods, 2020, 7, e127.	1.0	19
9	Effects of Nutritional Supplementation on Body Composition and Bio-markers during Army Initial Entry Training. Medicine and Science in Sports and Exercise, 2019, 51, 93-93.	0.2	0
10	Does Reduced Blood Flow Affect the Rate of Muscle Loss in Rats Post Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2019, 51, 306-306.	0.2	0
11	Effect of Whey Protein Supplementation on Physical Performance and Body Composition in Army Initial Entry Training Soldiers. Nutrients, 2018, 10, 1248.	1.7	17
12	Cross talk between androgen and Wnt signaling potentially contributes to age-related skeletal muscle atrophy in rats. Journal of Applied Physiology, 2018, 125, 486-494.	1.2	14
13	Soy protein supplementation is not androgenic or estrogenic in college-aged men when combined with resistance exercise training. Scientific Reports, 2018, 8, 11151.	1.6	13
14	Acute and chronic resistance training downregulates select LINE-1 retrotransposon activity markers in human skeletal muscle. American Journal of Physiology - Cell Physiology, 2018, 314, C379-C388.	2.1	8
15	Effect of 1-week betalain-rich beetroot concentrate supplementation on cycling performance and select physiological parameters. European Journal of Applied Physiology, 2018, 118, 2465-2476.	1.2	15
16	Biomarkers associated with low, moderate, and high vastus lateralis muscle hypertrophy following 12 weeks of resistance training. PLoS ONE, 2018, 13, e0195203.	1.1	80
17	Effects of pharmacologic sclerostin inhibition or testosterone administration on soleus muscle atrophy in rodents after spinal cord injury. PLoS ONE, 2018, 13, e0194440.	1.1	22
18	The Current Understanding of Sarcopenia. American Journal of Lifestyle Medicine, 2017, 11, 167-181.	0.8	20

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19	Testosterone and trenbolone enanthate increase mature myostatin protein expression despite increasing skeletal muscle hypertrophy and satellite cell number in rodent muscle. Andrologia, 2017, 49, e12622.	1.0	15
20	A Randomized, Double-Blind, Placebo-Controlled Trial to Determine the Effectiveness and Safety of a Thermogenic Supplement in Addition to an Energy-Restricted Diet in Apparently Healthy Females. Journal of Dietary Supplements, 2017, 14, 653-666.	1.4	4
21	Whey protein-derived exosomes increase protein synthesis and hypertrophy in C2ÂC12 myotubes. Journal of Dairy Science, 2017, 100, 48-64.	1.4	26
22	Aging in Rats Differentially Affects Markers of Transcriptional and Translational Capacity in Soleus and Plantaris Muscle. Frontiers in Physiology, 2017, 8, 518.	1.3	23
23	The 1-Week and 8-Month Effects of a Ketogenic Diet or Ketone Salt Supplementation on Multi-Organ Markers of Oxidative Stress and Mitochondrial Function in Rats. Nutrients, 2017, 9, 1019.	1.7	41
24	Testosterone inhibits expression of lipogenic genes in visceral fat by an estrogen-dependent mechanism. Journal of Applied Physiology, 2016, 121, 792-805.	1.2	9
25	Considerations for SphygmoCor radial artery pulse wave analysis: side selection and peripheral arterial blood pressure calibration. Hypertension Research, 2015, 38, 675-683.	1.5	18
26	Peripheral conduit and resistance artery function are improved following a single, 1-h bout of peristaltic pulse external pneumatic compression. European Journal of Applied Physiology, 2015, 115, 2019-2029.	1.2	21
27	Enhanced external counterpulsation reduces indices of central blood pressure and myocardial oxygen demand in patients with left ventricular dysfunction. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 315-320.	0.9	13
28	Sclerostin Inhibition Prevents Spinal Cord Injury-Induced Cancellous Bone Loss. Journal of Bone and Mineral Research, 2015, 30, 681-689.	3.1	53
29	Differential Effects of Testosterone and Trenbolone on Skeletal Muscle Markers of Ribosome Biogenesis. FASEB Journal, 2015, 29, 825.21.	0.2	0
30	Acute Effects of External Pneumatic Compression on Peripheral and Central Hemodynamics. FASEB Journal, 2015, 29, LB677.	0.2	1
31	Exercise training improves endothelial function in resistance arteries of young prehypertensives. Journal of Human Hypertension, 2014, 28, 303-309.	1.0	52
32	Validity of a Novel Wristband Tonometer for Measuring Central Hemodynamics and Augmentation Index. American Journal of Hypertension, 2014, 27, 926-931.	1.0	14
33	Enhanced external counterpulsation improves peripheral resistance artery blood flow in patients with coronary artery disease. Applied Physiology, Nutrition and Metabolism, 2014, 39, 405-408.	0.9	8
34	Testosterone Dose Dependently Prevents Bone and Muscle Loss in Rodents after Spinal Cord Injury. Journal of Neurotrauma, 2014, 31, 834-845.	1.7	49
35	Enhanced external counterpulsation improves endothelial function and exercise capacity in patients with ischaemic left ventricular dysfunction. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 628-636.	0.9	24
36	Musculoskeletal and prostate effects of combined testosterone and finasteride administration in older hypogonadal men: a randomized, controlled trial. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E433-E442.	1.8	82

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37	Influence of Aromatase Inhibition on the Bone-Protective Effects of Testosterone. Journal of Bone and Mineral Research, 2014, 29, 2405-2413.	3.1	24
38	Testosterone alters iron metabolism and stimulates red blood cell production independently of dihydrotestosterone. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E456-E461.	1.8	44
39	Peripheral resistance artery blood flow in subjects with abnormal glucose tolerance is improved following enhanced external counterpulsation therapy. Applied Physiology, Nutrition and Metabolism, 2014, 39, 596-599.	0.9	7
40	Transcriptional regulation of myotrophic actions by testosterone and trenbolone on androgen-responsive muscle. Steroids, 2014, 87, 59-66.	0.8	27
41	Influence of Aromatase Inhibition on the Bone Protective Effects of Testosterone. Medicine and Science in Sports and Exercise, 2014, 46, 440-441.	0.2	0
42	Testosterone Prevents Bone Loss in Skeletally-Mature Male Rats Subsequent to Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2014, 46, 441.	0.2	0
43	Exercise training improves endothelial function in young prehypertensives. Experimental Biology and Medicine, 2013, 238, 433-441.	1.1	72
44	Exercise Training Reduces Peripheral Arterial Stiffness and Myocardial Oxygen Demand in Young Prehypertensive Subjects. American Journal of Hypertension, 2013, 26, 1093-1102.	1.0	103
45	Invalidation of a commercially available human 5Î±-dihydrotestosterone immunoassay. Steroids, 2013, 78, 1220-1225.	0.8	12
46	Effect of Trenbolone enanthate on protein degradation in levator ani/bulbocavernosus (LABC) muscle in orchiectomized rats. FASEB Journal, 2013, 27, 939.15.	0.2	1
47	Enhanced external counterpulsation improves peripheral artery function and glucose tolerance in subjects with abnormal glucose tolerance. Journal of Applied Physiology, 2012, 112, 868-876.	1.2	24
48	Enhanced External Counterpulsation for Ischemic Heart Disease. Exercise and Sport Sciences Reviews, 2012, 40, 145-152.	1.6	29
49	Influence of Androgens on Circulating Adiponectin in Male and Female Rodents. PLoS ONE, 2012, 7, e47315.	1.1	23
50	Enhanced external counterpulsation (EECP) increases GLUTâ€4 protein expression, capillary density and glucose tolerance in patients with abnormal glucose tolerance. FASEB Journal, 2012, 26, 686.18.	0.2	0
51	Resistance and Endurance Training Improve Endothelial Function and Vasoactive Balance in Young Prehypertensives. Medicine and Science in Sports and Exercise, 2011, 43, 91-92.	0.2	0
52	Effects of Enhanced External Counterpulsation on Arterial Stiffness and Myocardial Oxygen Demand in Patients With Chronic Angina Pectoris. American Journal of Cardiology, 2011, 107, 1466-1472.	0.7	49
53	Association of Age With Timing and Amplitude of Reflected Pressure Waves During Exercise in Men. American Journal of Hypertension, 2011, 24, 415-420.	1.0	11
54	Enhanced External Counterpulsation Improves Peripheral Artery Flow-Mediated Dilation in Patients With Chronic Angina. Circulation, 2010, 122, 1612-1620.	1.6	117

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55	Central, peripheral and resistance arterial reactivity: fluctuates during the phases of the menstrual cycle. Experimental Biology and Medicine, 2010, 235, 111-118.	1.1	154
56	The acute effects of smokeless tobacco on central aortic blood pressure and wave reflection characteristics. Experimental Biology and Medicine, 2010, 235, 1263-1268.	1.1	28
57	Aortic Pulse Wave Analysis Is Not a Surrogate for Central Arterial Pulse Wave Velocity. Experimental Biology and Medicine, 2009, 234, 1339-1344.	1.1	19
58	Resistance exercise: training adaptations and developing a safe exercise prescription. Heart Failure Reviews, 2008, 13, 69-79.	1.7	98
59	The Relationship Between Body Fat Percentage and Arterial Wave Reflection in Young, Healthy Men and Women. Medicine and Science in Sports and Exercise, 2008, 40, S268.	0.2	0
60	Progressive Resistance Training Without Volume Increases Does Not Alter Arterial Stiffness and Aortic Wave Reflection. Experimental Biology and Medicine, 2007, 232, 1228-1235.	1.1	92
61	SYSTEMIC PLASMA LEVELS OF NITRITE/NITRATE (NO_X) REFLECT BRACHIAL FLOWâ€MEDIATED DILATION RESPONSES IN YOUNG MEN AND WOMEN. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1291-1293.	0.9	41
62	The Relationship Between Brachial Artery Flow-Mediated Dilation and Plasma Levels of Nitrite/Nitrate (NOx). Medicine and Science in Sports and Exercise, 2007, 39, S427.	0.2	0