

Darren T Beck

List of Publications by Year in descending order

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Version: 2024-02-01

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	Central, peripheral and resistance arterial reactivity: fluctuates during the phases of the menstrual cycle. <i>Experimental Biology and Medicine</i> , 2010, 235, 111-118.	1.1	154
2	Enhanced External Counterpulsation Improves Peripheral Artery Flow-Mediated Dilation in Patients With Chronic Angina. <i>Circulation</i> , 2010, 122, 1612-1620.	1.6	117
3	Exercise Training Reduces Peripheral Arterial Stiffness and Myocardial Oxygen Demand in Young Prehypertensive Subjects. <i>American Journal of Hypertension</i> , 2013, 26, 1093-1102.	1.0	103
4	Resistance exercise: training adaptations and developing a safe exercise prescription. <i>Heart Failure Reviews</i> , 2008, 13, 69-79.	1.7	98
5	Progressive Resistance Training Without Volume Increases Does Not Alter Arterial Stiffness and Aortic Wave Reflection. <i>Experimental Biology and Medicine</i> , 2007, 232, 1228-1235.	1.1	92
6	Musculoskeletal and prostate effects of combined testosterone and finasteride administration in older hypogonadal men: a randomized, controlled trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E433-E442.	1.8	82
7	Biomarkers associated with low, moderate, and high vastus lateralis muscle hypertrophy following 12 weeks of resistance training. <i>PLoS ONE</i> , 2018, 13, e0195203.	1.1	80
8	Exercise training improves endothelial function in young prehypertensives. <i>Experimental Biology and Medicine</i> , 2013, 238, 433-441.	1.1	72
9	Sclerostin Inhibition Prevents Spinal Cord Injury-Induced Cancellous Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 681-689.	3.1	53
10	Exercise training improves endothelial function in resistance arteries of young prehypertensives. <i>Journal of Human Hypertension</i> , 2014, 28, 303-309.	1.0	52
11	Effects of Enhanced External Counterpulsation on Arterial Stiffness and Myocardial Oxygen Demand in Patients With Chronic Angina Pectoris. <i>American Journal of Cardiology</i> , 2011, 107, 1466-1472.	0.7	49
12	Testosterone Dose Dependently Prevents Bone and Muscle Loss in Rodents after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 834-845.	1.7	49
13	Testosterone alters iron metabolism and stimulates red blood cell production independently of dihydrotestosterone. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E456-E461.	1.8	44
14	SYSTEMIC PLASMA LEVELS OF NITRITE/NITRATE (NO _X) REFLECT BRACHIAL FLOW-MEDIATED DILATION RESPONSES IN YOUNG MEN AND WOMEN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 1291-1293.	0.9	41
15	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. <i>Nutrients</i> , 2017, 9, 1019.	1.7	41
16	Enhanced External Counterpulsation for Ischemic Heart Disease. <i>Exercise and Sport Sciences Reviews</i> , 2012, 40, 145-152.	1.6	29
17	The acute effects of smokeless tobacco on central aortic blood pressure and wave reflection characteristics. <i>Experimental Biology and Medicine</i> , 2010, 235, 1263-1268.	1.1	28
18	Transcriptional regulation of myotrophic actions by testosterone and trenbolone on androgen-responsive muscle. <i>Steroids</i> , 2014, 87, 59-66.	0.8	27

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19	Whey protein-derived exosomes increase protein synthesis and hypertrophy in C2C12 myotubes. <i>Journal of Dairy Science</i> , 2017, 100, 48-64.	1.4	26
20	Enhanced external counterpulsation improves peripheral artery function and glucose tolerance in subjects with abnormal glucose tolerance. <i>Journal of Applied Physiology</i> , 2012, 112, 868-876.	1.2	24
21	Enhanced external counterpulsation improves endothelial function and exercise capacity in patients with ischaemic left ventricular dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 628-636.	0.9	24
22	Influence of Aromatase Inhibition on the Bone-Protective Effects of Testosterone. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2405-2413.	3.1	24
23	Aging in Rats Differentially Affects Markers of Transcriptional and Translational Capacity in Soleus and Plantaris Muscle. <i>Frontiers in Physiology</i> , 2017, 8, 518.	1.3	23
24	Influence of Androgens on Circulating Adiponectin in Male and Female Rodents. <i>PLoS ONE</i> , 2012, 7, e47315.	1.1	23
25	Effects of pharmacologic sclerostin inhibition or testosterone administration on soleus muscle atrophy in rodents after spinal cord injury. <i>PLoS ONE</i> , 2018, 13, e0194440.	1.1	22
26	Peripheral conduit and resistance artery function are improved following a single, 1-h bout of peristaltic pulse external pneumatic compression. <i>European Journal of Applied Physiology</i> , 2015, 115, 2019-2029.	1.2	21
27	The Current Understanding of Sarcopenia. <i>American Journal of Lifestyle Medicine</i> , 2017, 11, 167-181.	0.8	20
28	Aortic Pulse Wave Analysis Is Not a Surrogate for Central Arterial Pulse Wave Velocity. <i>Experimental Biology and Medicine</i> , 2009, 234, 1339-1344.	1.1	19
29	Skeletal Muscle Protein Composition Adaptations to 10 Weeks of High-Load Resistance Training in Previously-Trained Males. <i>Frontiers in Physiology</i> , 2020, 11, 259.	1.3	19
30	An optimized procedure for isolation of rodent and human skeletal muscle sarcoplasmic and myofibrillar proteins. <i>Journal of Biological Methods</i> , 2020, 7, e127.	1.0	19
31	Considerations for SphygmoCor radial artery pulse wave analysis: side selection and peripheral arterial blood pressure calibration. <i>Hypertension Research</i> , 2015, 38, 675-683.	1.5	18
32	Skeletal Muscle Myofibrillar Protein Abundance Is Higher in Resistance-Trained Men, and Aging in the Absence of Training May Have an Opposite Effect. <i>Sports</i> , 2020, 8, 7.	0.7	18
33	Effect of Whey Protein Supplementation on Physical Performance and Body Composition in Army Initial Entry Training Soldiers. <i>Nutrients</i> , 2018, 10, 1248.	1.7	17
34	Testosterone and trenbolone enanthate increase mature myostatin protein expression despite increasing skeletal muscle hypertrophy and satellite cell number in rodent muscle. <i>Andrologia</i> , 2017, 49, e12622.	1.0	15
35	Effect of 1-week betalain-rich beetroot concentrate supplementation on cycling performance and select physiological parameters. <i>European Journal of Applied Physiology</i> , 2018, 118, 2465-2476.	1.2	15
36	Validity of a Novel Wristband Tonometer for Measuring Central Hemodynamics and Augmentation Index. <i>American Journal of Hypertension</i> , 2014, 27, 926-931.	1.0	14

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37	Cross talk between androgen and Wnt signaling potentially contributes to age-related skeletal muscle atrophy in rats. <i>Journal of Applied Physiology</i> , 2018, 125, 486-494.	1.2	14
38	Enhanced external counterpulsation reduces indices of central blood pressure and myocardial oxygen demand in patients with left ventricular dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 315-320.	0.9	13
39	Soy protein supplementation is not androgenic or estrogenic in college-aged men when combined with resistance exercise training. <i>Scientific Reports</i> , 2018, 8, 11151.	1.6	13
40	Invalidation of a commercially available human 5 α -dihydrotestosterone immunoassay. <i>Steroids</i> , 2013, 78, 1220-1225.	0.8	12
41	Association of Age With Timing and Amplitude of Reflected Pressure Waves During Exercise in Men. <i>American Journal of Hypertension</i> , 2011, 24, 415-420.	1.0	11
42	Testosterone inhibits expression of lipogenic genes in visceral fat by an estrogen-dependent mechanism. <i>Journal of Applied Physiology</i> , 2016, 121, 792-805.	1.2	9
43	Effects of High-Volume Versus High-Load Resistance Training on Skeletal Muscle Growth and Molecular Adaptations. <i>Frontiers in Physiology</i> , 2022, 13, 857555.	1.3	9
44	Enhanced external counterpulsation improves peripheral resistance artery blood flow in patients with coronary artery disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 405-408.	0.9	8
45	Acute and chronic resistance training downregulates select LINE-1 retrotransposon activity markers in human skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C379-C388.	2.1	8
46	Peripheral resistance artery blood flow in subjects with abnormal glucose tolerance is improved following enhanced external counterpulsation therapy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 596-599.	0.9	7
47	Markers of Bone Health and Impact of Whey Protein Supplementation in Army Initial Entry Training Soldiers: A Double-Blind Placebo-Controlled Study. <i>Nutrients</i> , 2020, 12, 2225.	1.7	6
48	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. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 27.	1.7	5
49	Bone loss after severe spinal cord injury coincides with reduced bone formation and precedes bone blood flow deficits. <i>Journal of Applied Physiology</i> , 2021, 131, 1288-1299.	1.2	5
50	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. <i>Journal of Dietary Supplements</i> , 2017, 14, 653-666.	1.4	4
51	Whey Protein Supplementation Effects on Body Composition, Performance, and Blood Biomarkers During Army Initial Entry Training. <i>Frontiers in Nutrition</i> , 2022, 9, 807928.	1.6	3
52	Effect of Trenbolone enanthate on protein degradation in levator ani/bulbocavernosus (LABC) muscle in orchietomized rats. <i>FASEB Journal</i> , 2013, 27, 939.15.	0.2	1
53	Acute Effects of External Pneumatic Compression on Peripheral and Central Hemodynamics. <i>FASEB Journal</i> , 2015, 29, LB677.	0.2	1
54	Resistance and Endurance Training Improve Endothelial Function and Vasoactive Balance in Young Prehypertensives. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 91-92.	0.2	0

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55	The Relationship Between Brachial Artery Flow-Mediated Dilation and Plasma Levels of Nitrite/Nitrate (NOx). <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S427.	0.2	0
56	The Relationship Between Body Fat Percentage and Arterial Wave Reflection in Young, Healthy Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S268.	0.2	0
57	Enhanced external counterpulsation (EECP) increases GLUT4 protein expression, capillary density and glucose tolerance in patients with abnormal glucose tolerance. <i>FASEB Journal</i> , 2012, 26, 686.18.	0.2	0
58	Influence of Aromatase Inhibition on the Bone Protective Effects of Testosterone. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 440-441.	0.2	0
59	Testosterone Prevents Bone Loss in Skeletally-Mature Male Rats Subsequent to Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 441.	0.2	0
60	Differential Effects of Testosterone and Trenbolone on Skeletal Muscle Markers of Ribosome Biogenesis. <i>FASEB Journal</i> , 2015, 29, 825.21.	0.2	0
61	Effects of Nutritional Supplementation on Body Composition and Bio-markers during Army Initial Entry Training. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 93-93.	0.2	0
62	Does Reduced Blood Flow Affect the Rate of Muscle Loss in Rats Post Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 306-306.	0.2	0