

# Thomas W Buford

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

7,815  
citations

76326

40  
h-index

56724

83  
g-index

147  
all docs

147  
docs citations

147  
times ranked

12320  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Targeting whole body metabolism and mitochondrial bioenergetics in the drug development for Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 511-531.  | 12.0 | 26        |
| 2  | A Neuroscience Primer for Integrating Geroscience With the Neurobiology of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, e19-e33.                           | 3.6  | 5         |
| 3  | Probiotic Releasing Angiotensin (1-7) in a <i>Drosophila</i> Model of Alzheimer's Disease Produces Sex-Specific Effects on Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1205-1217.         | 2.6  | 2         |
| 4  | State of Knowledge on Molecular Adaptations to Exercise in Humans: Historical Perspectives and Future Directions. , 2022, 12, 3193-3279.  |      | 18        |
| 5  | Pre-treatment neutrophil to lymphocyte ratio as a biomarker of frailty and predictor of survival among older adults with multiple myeloma. <i>Journal of Geriatric Oncology</i> , 2022, 13, 486-492.                | 1.0  | 3         |
| 6  | Influence of Aging, Macronutrient Composition and Time-Restricted Feeding on the Fischer344 x Brown Norway Rat Gut Microbiota. <i>Nutrients</i> , 2022, 14, 1758.   | 4.1  | 8         |
| 7  | Effects of High Frequency Resistance Training on RNA Expression Related to Inflammation: A Case Report. <i>FASEB Journal</i> , 2022, 36, .  | 0.5  | 0         |
| 8  | Lipopolysaccharide binding protein is associated with CVD risk in older adults. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1651-1658.  | 2.9  | 11        |
| 9  | Resveratrol and exercise combined to treat functional limitations in late life: A pilot randomized controlled trial. <i>Experimental Gerontology</i> , 2021, 143, 111111.   | 2.8  | 24        |
| 10 | A Role for Exercise to Counter Skeletal Muscle Clock Disruption. <i>Exercise and Sport Sciences Reviews</i> , 2021, 49, 35-41.  | 3.0  | 8         |
| 11 | Angiotensin (1-7) Expressing Probiotic as a Potential Treatment for Dementia. <i>Frontiers in Aging</i> , 2021, 2, .  | 2.6  | 2         |
| 12 | Mechanisms of exercise as a preventative measure to muscle wasting. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C40-C57.   | 4.6  | 21        |
| 13 | Exercise: primus inter pares of Life's Simple 7. <i>Aging</i> , 2021, 13, 12297-12298.  | 3.1  | 0         |
| 14 | Predictors for Pain Severity, Interference, and the Use of Tertiary Providers among Community Dwelling, Southern Adults. <i>Journal of Pain</i> , 2021, 22, 597.  | 1.4  | 0         |
| 15 | Fatigue is independently associated with functional status limitations in older adults with gastrointestinal malignancies" results from the CARE registry. <i>Supportive Care in Cancer</i> , 2021, 29, 6793-6800.  | 2.2  | 8         |
| 16 | University of Alabama at Birmingham Nathan Shock Center: comparative energetics of aging. <i>GeroScience</i> , 2021, 43, 2149-2160.   | 4.6  | 2         |
| 17 | Reuniting the Body "Neck Up and Neck Down" to Understand Cognitive Aging: The Nexus of Geroscience and Neuroscience. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , . | 3.6  | 5         |
| 18 | Bridging the gap: A geroscience primer for neuroscientists with potential collaborative applications. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .                | 3.6  | 3         |

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|----|--|------|-----------|
| 19 | Interactive Effects of Enalapril Administration and Novel HIIT Wheel-Bed Training in Aged Rats. <i>Frontiers in Rehabilitation Sciences</i> , 2021, 2, .   | 1.2  | 1         |
| 20 | Sociodemographic Differences in Pain Medication Usage and Healthcare Provider Utilization Among Adults With Chronic Low Back Pain. <i>Frontiers in Pain Research</i> , 2021, 2, 806310.  | 2.0  | 3         |
| 21 | Comparative Effects of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers on Response to a Physical Activity Intervention in Older Adults: Results From the Lifestyle Interventions and Independence for Elders Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1010-1016. | 3.6  | 10        |
| 22 | Therapeutic Delivery of Ang(1-7) via Genetically Modified Probiotic: A Dosing Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1299-1303.   | 3.6  | 22        |
| 23 | Higher dose of resveratrol elevated cardiovascular disease risk biomarker levels in overweight older adults – A pilot study. <i>Experimental Gerontology</i> , 2020, 131, 110821.  | 2.8  | 35        |
| 24 | Prevalence of Hospital-Associated Disability in Older Adults: A Meta-analysis. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 455-461.e5.  | 2.5  | 141       |
| 25 | The Gut Microbiome as a Therapeutic Target for Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1242-1250.   | 3.6  | 39        |
| 26 | The role of exercise in the reversal of IGF-1 deficiencies in microvascular rarefaction and hypertension. <i>GeroScience</i> , 2020, 42, 141-158.  | 4.6  | 28        |
| 27 | Impact of Baseline Fatigue on a Physical Activity Intervention to Prevent Mobility Disability. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 619-624.  | 2.6  | 4         |
| 28 | Altered Expression of Mitoferrin and Frataxin, Larger Labile Iron Pool and Greater Mitochondrial DNA Damage in the Skeletal Muscle of Older Adults. <i>Cells</i> , 2020, 9, 2579.  | 4.1  | 18        |
| 29 | Angiotensin (1-7) delivered orally via probiotic, but not subcutaneously, benefits the gut-brain axis in older rats. <i>GeroScience</i> , 2020, 42, 1307-1321.   | 4.6  | 23        |
| 30 | The Gut Microbiome and Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1229-1231.  | 3.6  | 7         |
| 31 | Crosstalk Between the Gut Microbiome and Bioactive Lipids: Therapeutic Targets in Cognitive Frailty. <i>Frontiers in Nutrition</i> , 2020, 7, 17.  | 3.7  | 25        |
| 32 | Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.  | 28.9 | 147       |
| 33 | Age-Related Differences in the Gut Microbiome of Rhesus Macaques. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1293-1298.  | 3.6  | 31        |
| 34 | Physical activity trends and metabolic health outcomes in people living with HIV in the US, 2008-2015. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 170-177.   | 3.1  | 15        |
| 35 | Angiotensin Converting Enzyme Inhibitors Combined with Exercise for Hypertensive Seniors (The ACES) Tj ETQq1 1,0,784314 rgBT /O  | 2.6  | 9         |
| 36 | The PROSPER-HIV Study: A Research Protocol to Examine Relationships Among Physical Activity, Diet Intake, and Symptoms in Adults Living With HIV. <i>Journal of the Association of Nurses in AIDS Care</i> , 2020, 31, 346-352.  | 1.0  | 8         |

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|----|--|-----|-----------|
| 37 | &lt;p&gt;Wearable Technology To Reduce Sedentary Behavior And CVD Risk In Older Adults: A Pilot Randomized Clinical Trial&lt;p&gt;. Clinical Interventions in Aging, 2019, Volume 14, 1817-1828.   | 2.9 | 32        |
| 38 | &lt;p&gt;The impact of multisite pain on functional outcomes in older adults: biopsychosocial considerations&lt;p&gt;. Journal of Pain Research, 2019, Volume 12, 1115-1125.   | 2.0 | 36        |
| 39 | Blood-Flow Restriction Resistance Exercise for Older Adults with Knee Osteoarthritis: A Pilot Randomized Clinical Trial. Journal of Clinical Medicine, 2019, 8, 265.   | 2.4 | 42        |
| 40 | Multimodal Intervention to Improve Functional Status in Hypertensive Older Adults: A Pilot Randomized Controlled Trial. Journal of Clinical Medicine, 2019, 8, 196.  | 2.4 | 11        |
| 41 | Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. Cells, 2019, 8, 1525.   | 4.1 | 39        |
| 42 | Exercise and the Gut Microbiome: A Review of the Evidence, Potential Mechanisms, and Implications for Human Health. Exercise and Sport Sciences Reviews, 2019, 47, 75-85.  | 3.0 | 273       |
| 43 | Mitochondrial DNA variants and pulmonary function in older persons. Experimental Gerontology, 2019, 115, 96-103.   | 2.8 | 4         |
| 44 | Exercise is Medicine as a Vital Sign: Challenges and Opportunities. Translational Journal of the American College of Sports Medicine, 2019, 4, 1-7.  | 0.6 | 22        |
| 45 | Social Participation Modifies the Effect of a Structured Physical Activity Program on Major Mobility Disability Among Older Adults: Results From the LIFE Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2018, 73, 1501-1513. | 3.9 | 20        |
| 46 | Community-Based Activity and Sedentary Patterns Are Associated With Cognitive Performance in Mobility-Limited Older Adults. Frontiers in Aging Neuroscience, 2018, 10, 341.  | 3.4 | 15        |
| 47 | Mitochondrial DNA Sequence Variants Associated With Blood Pressure Among 2 Cohorts of Older Adults. Journal of the American Heart Association, 2018, 7, e010009.   | 3.7 | 12        |
| 48 | Meta-analysis identifies mitochondrial DNA sequence variants associated with walking speed. GeroScience, 2018, 40, 497-511.  | 4.6 | 7         |
| 49 | Circadian Rhythms, Exercise, and Cardiovascular Health. Journal of Circadian Rhythms, 2018, 16, 7.   | 1.3 | 61        |
| 50 | Effect of Physical Activity on Frailty. Annals of Internal Medicine, 2018, 168, 309.   | 3.9 | 74        |
| 51 | A 3-minute test of cardiorespiratory fitness for use in primary care clinics. PLoS ONE, 2018, 13, e0201598.  | 2.5 | 16        |
| 52 | Composition and richness of the serum microbiome differ by age and link to systemic inflammation. GeroScience, 2018, 40, 257-268.  | 4.6 | 63        |
| 53 | Nutrition and Exercise in Sarcopenia. Current Protein and Peptide Science, 2018, 19, 649-667.  | 1.4 | 74        |
| 54 | Wearable technology to reduce sedentary behavior and CVD risk in older adults: Design of a randomized controlled trial. Contemporary Clinical Trials Communications, 2017, 6, 122-126.   | 1.1 | 4         |

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|----|--|------|-----------|
| 55 | Systemic inflammation, body composition, and physical performance in old community-dwellers. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 69-77.   | 7.3  | 46        |
| 56 | Dynapenia and Metabolic Health in Obese and Nonobese Adults Aged 70 Years and Older: The LIFE Study. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 312-319.   | 2.5  | 17        |
| 57 | Metabolic costs of daily activity in older adults (Chores XL) study: Design and methods. <i>Contemporary Clinical Trials Communications</i> , 2017, 6, 1-8.  | 1.1  | 15        |
| 58 | Resveratrol and exercise to treat functional limitations in late life: Design of a randomized controlled trial. <i>Contemporary Clinical Trials Communications</i> , 2017, 6, 58-63.   | 1.1  | 5         |
| 59 | Sarcopenia: Relocating the Forest among the Trees. <i>Toxicologic Pathology</i> , 2017, 45, 957-960.   | 1.8  | 6         |
| 60 | Device-Measured Physical Activity As a Predictor of Disability in Mobility-Limited Older Adults. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 2251-2256.  | 2.6  | 26        |
| 61 | Association of Accelerometry-Measured Physical Activity and Cardiovascular Events in Mobility-Limited Older Adults: The LIFE (Lifestyle Interventions and Independence for Elders) Study. <i>Journal of the American Heart Association</i> , 2017, 6, .                          | 3.7  | 35        |
| 62 | Intestinal Permeability Biomarker Zonulin is Elevated in Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 810.e1-810.e4.  | 2.5  | 89        |
| 63 | Effects of blood-flow restriction on biomarkers of myogenesis in response to resistance exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 89-92.   | 1.9  | 12        |
| 64 | Predictors of Change in Physical Function in Older Adults in Response to Long-Term, Structured Physical Activity: The LIFE Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 11-24.e3.  | 0.9  | 27        |
| 65 | (Dis)Trust your gut: the gut microbiome in age-related inflammation, health, and disease. <i>Microbiome</i> , 2017, 5, 80.   | 11.1 | 292       |
| 66 | Mobile Device Accuracy for Step Counting Across Age Groups. <i>JMIR MHealth and UHealth</i> , 2017, 5, e88.  | 3.7  | 44        |
| 67 | Effects of different doses of high-speed resistance training on physical performance and quality of life in older women: a randomized controlled trial. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1797-1804.   | 2.9  | 40        |
| 68 | Hospitalizations During a Physical Activity Intervention in Older Adults at Risk of Mobility Disability: Analyses from the Lifestyle Interventions and Independence for Elders Randomized Clinical Trial. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 933-943. | 2.6  | 11        |
| 69 | Cardiovascular Events in a Physical Activity Intervention Compared With a Successful Aging Intervention. <i>JAMA Cardiology</i> , 2016, 1, 568.  | 6.1  | 25        |
| 70 | Effect of a Long-Term Physical Activity Intervention on Resting Pulse Rate in Older Persons: Results from the Lifestyle Interventions and Independence for Elders Study. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 2511-2516.                                | 2.6  | 4         |
| 71 | Effect of Statin Use on Mobility Disability and its Prevention in At-risk Older Adults: The LIFE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1519-1524.  | 3.6  | 15        |
| 72 | Antihypertensive Use and the Effect of a Physical Activity Intervention in the Prevention of Major Mobility Disability Among Older Adults: The LIFE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 974-981.               | 3.6  | 7         |

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|----|--|------|-----------|
| 73 | Readmission and mortality in malnourished, older, hospitalized adults treated with a specialized oral nutritional supplement: A randomized clinical trial. <i>Clinical Nutrition</i> , 2016, 35, 18-26.  | 5.0  | 313       |
| 74 | Hypertension and aging. <i>Ageing Research Reviews</i> , 2016, 26, 96-111.   | 10.9 | 339       |
| 75 | Effect of structured physical activity on prevention of serious fall injuries in adults aged 70-89: randomized clinical trial (LIFE Study). <i>BMJ</i> , 2016, 352, i245.  | 6.0  | 68        |
| 76 | EXERCISE INTERVENTIONS FOR PRESERVING PHYSICAL FUNCTION AMONG CANCER SURVIVORS IN MIDDLE TO LATE LIFE. <i>Journal of Frailty &amp; Aging</i> , 2016, 5, 1-11.  | 1.3  | 15        |
| 77 | Effects of Blood Flow Restriction on Biomarkers of Myogenesis Among Healthy Young Adults. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1031-1032.  | 0.4  | 0         |
| 78 | Dietary Antioxidants as Modifiers of Physiologic Adaptations to Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1857-1868.  | 0.4  | 61        |
| 79 | The renin-angiotensin system and prevention of age-related functional decline: where are we now?. <i>Age</i> , 2015, 37, 9753.   | 3.0  | 31        |
| 80 | Effects of a one-year physical activity program on serum C-terminal Agrin Fragment (CAF) concentrations among mobility-limited older adults. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 922-927.  | 3.3  | 16        |
| 81 | Multi-modal intervention to reduce cardiovascular risk among hypertensive older adults: Design of a randomized clinical trial. <i>Contemporary Clinical Trials</i> , 2015, 43, 237-242.  | 1.8  | 7         |
| 82 | Sedentary time is associated with the metabolic syndrome in older adults with mobility limitations – The LIFE Study. <i>Experimental Gerontology</i> , 2015, 70, 32-36.  | 2.8  | 27        |
| 83 | Kaatsu training to enhance physical function of older adults with knee osteoarthritis: Design of a randomized controlled trial. <i>Contemporary Clinical Trials</i> , 2015, 43, 217-222.   | 1.8  | 11        |
| 84 | Association of Objectively Measured Physical Activity With Cardiovascular Risk in Mobility-limited Older Adults. <i>Journal of the American Heart Association</i> , 2015, 4, .   | 3.7  | 45        |
| 85 | Associations Between Ankle-Brachial Index and Cognitive Function: Results From the Lifestyle Interventions and Independence for Elders Trial. <i>Journal of the American Medical Association</i> , 2015, 314, 682-689.   | 2.5  | 17        |
| 86 | Successful aging: Advancing the science of physical independence in older adults. <i>Ageing Research Reviews</i> , 2015, 24, 304-327.  | 10.9 | 172       |
| 87 | Increased inflammation but similar physical composition and function in older-aged, HIV-1 infected subjects. <i>BMC Immunology</i> , 2015, 16, 43.   | 2.2  | 36        |
| 88 | Effect of a 24-Month Physical Activity Intervention vs Health Education on Cognitive Outcomes in Sedentary Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 781.   | 7.4  | 318       |
| 89 | Light Intensity Physical Activity and Sedentary Behavior in Relation to Body Mass Index and Grip Strength in Older Adults: Cross-Sectional Findings from the Lifestyle Interventions and Independence for Elders (LIFE) Study. <i>PLoS ONE</i> , 2015, 10, e0116058. | 2.5  | 98        |
| 90 | Genetic influence on exercise-induced changes in physical function among mobility-limited older adults. <i>Physiological Genomics</i> , 2014, 46, 149-158.   | 2.3  | 29        |

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|-----|---|-----|-----------|
| 91  | Sleepâ€“Wake Disturbances in Sedentary Communityâ€“dwelling Elderly Adults with Functional Limitations. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1064-1072.  | 2.6 | 16        |
| 92  | Respiratory Impairment and Dyspnea and Their Associations with Physical Inactivity and Mobility in Sedentary Communityâ€“dwelling Older Persons. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 622-628.                                     | 2.6 | 37        |
| 93  | Resveratrol as a supplement to exercise training: friend or foe?. <i>Journal of Physiology</i> , 2014, 592, 551-552.  | 2.9 | 10        |
| 94  | Effect of Structured Physical Activity on Prevention of Major Mobility Disability in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2387.   | 7.4 | 1,072     |
| 95  | Effect of Dietary Restriction and Exercise on Lower Extremity Tissue Compartments in Obese, Older Women: A Pilot Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 101-108.                             | 3.6 | 39        |
| 96  | Creatine supplementation post-exercise does not enhance training-induced adaptations in middle to older aged males. <i>European Journal of Applied Physiology</i> , 2014, 114, 1321-1332.   | 2.5 | 27        |
| 97  | Optimizing the Benefits of Exercise on Physical Function in Older Adults. <i>PM and R</i> , 2014, 6, 528-543.   | 1.6 | 39        |
| 98  | Combined Reduced Forced Expiratory Volume in 1 Second (FEV1) and Peripheral Artery Disease in Sedentary Elders With Functional Limitations. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 665-670.                               | 2.5 | 5         |
| 99  | Physical activity and resting pulse rate in older adults: Findings from a randomized controlled trial. <i>American Heart Journal</i> , 2014, 168, 597-604.  | 2.7 | 4         |
| 100 | Active muscle regeneration following eccentric contraction-induced injury is similar between healthy young and older adults. <i>Journal of Applied Physiology</i> , 2014, 116, 1481-1490.   | 2.5 | 26        |
| 101 | Patterns of Circulating Inflammatory Biomarkers in Older Persons with Varying Levels of Physical Performance: A Partial Least Squares-Discriminant Analysis Approach. <i>Frontiers in Medicine</i> , 2014, 1, 27.   | 2.6 | 43        |
| 102 | Abstract MP01: Association of Objectively-measured Physical Activity with Cardiovascular Risk in Mobility-limited Older Adults. <i>Circulation</i> , 2014, 129, .   | 1.6 | 0         |
| 103 | Mitochondrial dysfunction and sarcopenia of aging: From signaling pathways to clinical trials. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2288-2301.   | 2.8 | 414       |
| 104 | Obesity and diabetes as accelerators of functional decline: Can lifestyle interventions maintain functional status in high risk older adults?. <i>Experimental Gerontology</i> , 2013, 48, 888-897.   | 2.8 | 78        |
| 105 | Late-life enalapril administration induces nitric oxide-dependent and independent metabolic adaptations in the rat skeletal muscle. <i>Age</i> , 2013, 35, 1061-1075.   | 3.0 | 34        |
| 106 | Toward Exercise as Personalized Medicine. <i>Sports Medicine</i> , 2013, 43, 157-165.   | 6.5 | 107       |
| 107 | Ankle Brachial Index Values, Leg Symptoms, and Functional Performance Among Communityâ€“dwelling Older Men and Women in the Lifestyle Interventions and Independence for Elders Study. <i>Journal of the American Heart Association</i> , 2013, 2, e000257. | 3.7 | 61        |
| 108 | Performance of a computerâ€“based assessment of cognitive function measures in two cohorts of seniors. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 1239-1250.  | 2.7 | 14        |

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|-----|--|-----|-----------|
| 109 | Promoting physical activity for elders with compromised function: the Lifestyle Interventions and Independence for Elders (LIFE) Study physical activity intervention. <i>Clinical Interventions in Aging</i> , 2013, 8, 1119.           | 2.9 | 42        |
| 110 | Atenolol Induced HDL-C Change in the Pharmacogenomic Evaluation of Antihypertensive Responses (PEAR) Study. <i>PLoS ONE</i> , 2013, 8, e76984.   | 2.5 | 11        |
| 111 | Blood Flow Restriction Enhances Post-Resistance Exercise Angiogenic Gene Expression. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2077-2083.   | 0.4 | 104       |
| 112 | The effects of supplementation of creatine on total homocysteine. <i>Journal of Renal Nursing</i> , 2012, 4, 278-283.  | 0.1 | 2         |
| 113 | The impact of aging on mitochondrial function and biogenesis pathways in skeletal muscle of sedentary high- and low-functioning elderly individuals. <i>Aging Cell</i> , 2012, 11, 801-809.  | 6.7 | 284       |
| 114 | Growth hormone responses to acute resistance exercise with vascular restriction in young and old men. <i>Growth Hormone and IGF Research</i> , 2012, 22, 167-172.  | 1.1 | 62        |
| 115 | Commentaries on Viewpoint: Muscle atrophy is not always sarcopenia. <i>Journal of Applied Physiology</i> , 2012, 113, 680-684.   | 2.5 | 7         |
| 116 | Age-related differences in lower extremity tissue compartments and associations with physical function in older adults. <i>Experimental Gerontology</i> , 2012, 47, 38-44.   | 2.8 | 100       |
| 117 | Angiotensin-Converting Enzyme Inhibitor Use by Older Adults Is Associated with Greater Functional Responses to Exercise. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 1244-1252.  | 2.6 | 50        |
| 118 | Making preventive medicine more personalized: Implications for exercise-related research. <i>Preventive Medicine</i> , 2012, 55, 34-36.  | 3.4 | 21        |
| 119 | Skeletal Muscle Apoptotic Signaling Predicts Thigh Muscle Volume and Gait Speed in Community-Dwelling Older Persons: An Exploratory Study. <i>PLoS ONE</i> , 2012, 7, e32829.  | 2.5 | 76        |
| 120 | Differential gene expression of FoxO1, ID1, and ID3 between young and older men and associations with muscle mass and function. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 170-174.                                     | 2.9 | 9         |
| 121 | Protein and Amino Acid Supplementation Does Not Alter Proteolytic Gene Expression following Immobilization. <i>Journal of Nutrition and Metabolism</i> , 2011, 2011, 1-9.  | 1.8 | 10        |
| 122 | Differential effects of enalapril and losartan on body composition and indices of muscle quality in aged male Fischer 344 Å— Brown Norway rats. <i>Age</i> , 2011, 33, 167-183.  | 3.0 | 43        |
| 123 | Ingestion of 10 grams of whey protein prior to a single bout of resistance exercise does not augment Akt/mTOR pathway signaling compared to carbohydrate. <i>Journal of the International Society of Sports Nutrition</i> , 2011, 8, 18. | 3.9 | 8         |
| 124 | The Impact of Behavioral Intervention on Obesity Mediated Declines in Mobility Function: Implications for Longevity. <i>Journal of Aging Research</i> , 2011, 2011, 1-8.   | 0.9 | 11        |
| 125 | Nutritional Strategies and Immune Function. <i>Strength and Conditioning Journal</i> , 2010, 32, 65-70.  | 1.4 | 6         |
| 126 | Sedentary individuals as "controls" in human studies: The correct approach?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E134.   | 7.1 | 12        |



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|-----|--|------|-----------|
| 127 | Effects of Age and Sedentary Lifestyle on Skeletal Muscle NF- $\kappa$ B Signaling in Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 532-537.  | 3.6  | 72        |
| 128 | Models of accelerated sarcopenia: Critical pieces for solving the puzzle of age-related muscle atrophy. <i>Ageing Research Reviews</i> , 2010, 9, 369-383.   | 10.9 | 244       |
| 129 | Skeletal Muscle Changes in Obese, Older Women following Six Months of Exercise and Caloric Restriction. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 36.   | 0.4  | 0         |
| 130 | Resistance exercise-induced changes of inflammatory gene expression within human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2009, 107, 463-471.  | 2.5  | 91        |
| 131 | Effects of 28 days of resistance exercise and consuming a commercially available pre-workout supplement, NO-Shotgun <sup>®</sup> , on body composition, muscle strength and mass, markers of satellite cell activation, and clinical safety markers in males. <i>Journal of the International Society of Sports Nutrition</i> , 2009, 6, 16. | 3.9  | 55        |
| 132 | Effects of 28 days of resistance exercise and consuming a commercially available pre-workout supplement, NO-Shotgun <sup>®</sup> , on body composition, muscle strength and mass, markers of satellite cell activation, and clinical safety markers in males. <i>Journal of the International Society of Sports Nutrition</i> , 2009, 6, .   | 3.9  | 2         |
| 133 | Effects of eccentric treadmill exercise on inflammatory gene expression in human skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 745-753.   | 1.9  | 70        |
| 134 | Protease Supplementation Improves Muscle Function after Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1908-1914.  | 0.4  | 35        |
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