

# Wook Song

## List of Publications by Year in descending order

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Version: 2024-02-01

125  
papers

4,384  
citations

136950

32  
h-index

114465

63  
g-index

127  
all docs

127  
docs citations

127  
times ranked

6803  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Process and Outcome Evaluations of Interventions to Promote Voluntary Exercise Training Among South Korean Firefighters. <i>American Journal of Men's Health</i> , 2022, 16, 155798832210768.  | 1.6 | 0         |
| 2  | Addendum to: Effects of Exercise and a High-Fat, High-Sucrose Restriction Diet on Metabolic Indicators, Nr4a3, and Mitochondria-Associated Protein Expression in the Gastrocnemius Muscles of Mice with Diet-Induced Obesity ( <i>J Obes Metab Syndr</i> 2021;30:44-54). <i>Journal of Obesity and Metabolic Syndrome</i> , 2022, 31, 94-95. | 3.6 | 1         |
| 3  | Reliability and Validity of the Kinect-Based Mixed Reality Device: Pilot Study. <i>The Asian Journal of Kinesiology</i> , 2022, 24, 2-11.  | 0.2 | 3         |
| 4  | Effects of exercise-induced beta-hydroxybutyrate on muscle function and cognitive function. <i>Physiological Reports</i> , 2021, 9, e14497.  | 1.7 | 11        |
| 5  | Effects of Exercise and a High-Fat, High-Sucrose Restriction Diet on Metabolic Indicators, Nr4a3, and Mitochondria-Associated Protein Expression in the Gastrocnemius Muscles of Mice with Diet-Induced Obesity. <i>Journal of Obesity and Metabolic Syndrome</i> , 2021, 30, 44-54.   | 3.6 | 6         |
| 6  | Effects and Moderators of Exercise on Sarcopenic Components in Sarcopenic Elderly: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 649748.  | 2.6 | 21        |
| 7  | Prediction Equations of Physical Fitness Age for Korean Adults. <i>Exercise Science</i> , 2021, 30, 352-360.   | 0.3 | 3         |
| 8  | Effect of Masticatory Movement Using Gum on Walking and Cycling: A Randomized Crossover Design. <i>Exercise Science</i> , 2021, 30, 361-368.   | 0.3 | 0         |
| 9  | The Effects of Exercise and Restriction of Sugar-Sweetened Beverages on Muscle Function and Autophagy Regulation in High-Fat High-Sucrose-Fed Obesity Mice. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 773-786.  | 4.7 | 7         |
| 10 | Effects of exercise on AKT/PGC1- $\beta$ /FOXO3a pathway and muscle atrophy in cisplatin-administered rat skeletal muscle. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 585-592.   | 1.2 | 8         |
| 11 | Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. <i>BMB Reports</i> , 2021, 54, 575-580.  | 2.4 | 4         |
| 12 | Effects of treadmill exercise on the regulation of tight junction proteins in aged mice. <i>Experimental Gerontology</i> , 2020, 141, 111077.  | 2.8 | 14        |
| 13 | The Effect of Fermented Porcine Placental Extract on Fatigue-Related Parameters in Healthy Adults: A Double-Blind, Randomized, Placebo-Controlled Trial. <i>Nutrients</i> , 2020, 12, 3086.  | 4.1 | 4         |
| 14 | The effect of Qigong-based therapy on patients with Parkinson's disease: a systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2020, 34, 1436-1448.  | 2.2 | 23        |
| 15 | The Effects of Number of Fire Dispatches and Other Situational Factors on Voluntary Exercise Training Among Korean Firefighters: A Multilevel Logistic Regression Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5913.   | 2.6 | 4         |
| 16 | Cognitive Benefits of Activity Engagement among 12,093 Adults Aged over 65 Years. <i>Brain Sciences</i> , 2020, 10, 967.   | 2.3 | 8         |
| 17 | Physical fitness levels of South Korean national male and female firefighters. <i>Journal of Exercise Science and Fitness</i> , 2020, 18, 109-114.   | 2.2 | 11        |
| 18 | EFFECTS OF HIGH-SPEED POWER TRAINING ON NEUROMUSCULAR AND GAIT FUNCTIONS IN FRAIL ELDERLY WITH MILD COGNITIVE IMPAIRMENT DESPITE BLUNTED EXECUTIVE FUNCTIONS: A RANDOMIZED CONTROLLED TRIAL. <i>Journal of Frailty &amp; Aging</i> , 2020, 9, 1-6.   | 1.3 | 5         |

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|----|---|-----|-----------|
| 19 | Predicting Voluntary Exercise Training among Korean Firefighters: Using Elicitation Study and the Theory of Planned Behavior. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 467.                     | 2.6 | 9         |
| 20 | Relationship between Shift Type and Voluntary Exercise Training in South Korean Firefighters. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 728.   | 2.6 | 3         |
| 21 | Editorial: Children's Exercise Physiology. <i>Frontiers in Physiology</i> , 2020, 11, 269.  | 2.8 | 3         |
| 22 | The effects of elastic band exercises and nutritional education on frailty, strength, and nutritional intake in elderly women. <i>Journal of Exercise Nutrition &amp; Biochemistry</i> , 2020, 24, 37-45.                                   | 1.3 | 7         |
| 23 | Effects of exercise-induced apelin on muscle function and cognitive function in aged mice. <i>Experimental Gerontology</i> , 2019, 127, 110710.   | 2.8 | 15        |
| 24 | Plasma apelin levels in overweight/obese adults following a single bout of exhaustive exercise: A preliminary cross-sectional study. <i>Endocrinología y Nutrición (English Ed)</i> , 2019, 66, 278-290.                                    | 0.2 | 0         |
| 25 | Chinese herbal medicines on cognitive function and activity of daily living in senior adults with Alzheimer's disease: a systematic review and meta-analysis. <i>Integrative Medicine Research</i> , 2019, 8, 92-100.                       | 1.8 | 15        |
| 26 | Are Mindful Exercises Safe and Beneficial for Treating Chronic Lower Back Pain? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2019, 8, 628.                                  | 2.4 | 53        |
| 27 | Results from South Korea's 2018 Report Card on physical activity for children and youth. <i>Journal of Exercise Science and Fitness</i> , 2019, 17, 26-33.  | 2.2 | 18        |
| 28 | Does exercise-induced apelin affect sarcopenia? A systematic review and meta-analysis. <i>Hormones</i> , 2019, 18, 383-393.   | 1.9 | 5         |
| 29 | Plasma apelin levels in overweight/obese adults following a single bout of exhaustive exercise: A preliminary cross-sectional study. <i>Endocrinología, Diabetes y Nutrición</i> , 2019, 66, 278-290.                                       | 0.3 | 10        |
| 30 | Potential role of exercise-induced glucose-6-phosphate isomerase in skeletal muscle function. <i>Journal of Exercise Nutrition &amp; Biochemistry</i> , 2019, 23, 28-33.  | 1.3 | 4         |
| 31 | Exercise, the Gut Microbiome, and Frailty. <i>Annals of Geriatric Medicine and Research</i> , 2019, 23, 105-114.  | 1.8 | 17        |
| 32 | Effect of a Single Bout of Exercise on Autophagy Regulation in Skeletal Muscle of High-Fat High-Sucrose Diet-Fed Mice. <i>Journal of Obesity and Metabolic Syndrome</i> , 2019, 28, 175-185.  | 3.6 | 9         |
| 33 | A Longitudinal Study of Muscular Fitness in Korean National Firefighters. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 923-923.   | 0.4 | 0         |
| 34 | Brain and Brawn: Role of Exercise-Induced Myokines. <i>Journal of Obesity and Metabolic Syndrome</i> , 2019, 28, 145-147.   | 3.6 | 2         |
| 35 | The association of low muscle mass with soluble receptor for advanced glycation end products (<scpsRAGE</scps>): The Korean Sarcopenic Obesity Study (<scpsKSOS</scps>). <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2974. | 4.0 | 17        |
| 36 | Results from South Korea's 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S409-S410.  | 2.0 | 7         |

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|----|--|-----|-----------|
| 37 | Apelin Secretion In Overweight/obese Adults Following A Single Bout Of Exhaustive Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 611.  | 0.4 | 0         |
| 38 | Angiogenesis: focusing on the effects of exercise in aging and cancer. <i>Journal of Exercise Nutrition &amp; Biochemistry</i> , 2018, 22, 21-26.  | 1.3 | 23        |
| 39 | The Effects of Mind-Body Exercise on Cognitive Performance in Elderly: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2791.   | 2.6 | 88        |
| 40 | Effects of Progressive Resistance Training on Post-Surgery Incontinence in Men with Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2018, 7, 292.   | 2.4 | 9         |
| 41 | Physical Frailty and Cognitive Functioning in Korea Rural Community-Dwelling Older Adults. <i>Journal of Clinical Medicine</i> , 2018, 7, 405.   | 2.4 | 23        |
| 42 | The Effects of Progressive Resistance Exercise on Recovery Rate of Bone and Muscle in a Rodent Model of Hindlimb Suspension. <i>Frontiers in Physiology</i> , 2018, 9, 1085.   | 2.8 | 9         |
| 43 | Physical Frailty and Amyloid- $\beta^2$ Deposits in the Brains of Older Adults with Cognitive Frailty. <i>Journal of Clinical Medicine</i> , 2018, 7, 169.   | 2.4 | 24        |
| 44 | Effects of Resistance Exercise Training on Cognitive Function and Physical Performance in Cognitive Frailty: A Randomized Controlled Trial. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 944-951.   | 3.3 | 106       |
| 45 | The Study of Korea National Firefighters's Physical Fitness over 6-year Period (2011~2016). <i>International Journal of Human Movement Science</i> , 2018, 12, 103-116.  | 0.1 | 8         |
| 46 | Protein Intake Recommendation for Korean Older Adults to Prevent Sarcopenia: Expert Consensus by the Korean Geriatric Society and the Korean Nutrition Society. <i>Annals of Geriatric Medicine and Research</i> , 2018, 22, 167-175.  | 1.8 | 24        |
| 47 | Exercise and Mitochondrial Remodeling in Skeletal Muscle in Type 2 Diabetes. <i>Journal of Obesity and Metabolic Syndrome</i> , 2018, 27, 150-157.   | 3.6 | 10        |
| 48 | Effects of an integrated health education and elastic band resistance training program on physical function and muscle strength in community-dwelling elderly women: Healthy Aging and Happy Aging study. <i>Geriatrics and Gerontology International</i> , 2017, 17, 825-833. | 1.5 | 29        |
| 49 | Effects of exercise-induced apelin levels on skeletal muscle and their capillarization in type 2 diabetic rats. <i>Muscle and Nerve</i> , 2017, 56, 1155-1163.   | 2.2 | 32        |
| 50 | Comparisons of three different methods for defining sarcopenia: An aspect of cardiometabolic risk. <i>Scientific Reports</i> , 2017, 7, 6491.  | 3.3 | 50        |
| 51 | Effect of elastic band-based high-speed power training on cognitive function, physical performance and muscle strength in older women with mild cognitive impairment. <i>Geriatrics and Gerontology International</i> , 2017, 17, 765-772.                                     | 1.5 | 91        |
| 52 | Resistance training increases fibroblast growth factor-21 and irisin levels in the skeletal muscle of Zucker diabetic fatty rats. <i>Journal of Exercise Nutrition &amp; Biochemistry</i> , 2017, 21, 50-54.   | 1.3 | 16        |
| 53 | Prevalence of Osteopenia According to Physical Fitness in Men: A Cross-Sectional Study. <i>Annals of Geriatric Medicine and Research</i> , 2017, 21, 182-187.  | 1.8 | 0         |
| 54 | The Effect of Circuit Training and Workplace Improvement Program on the Prevention of Metabolic Syndrome and the Improvement of Physical Function in Office Workers. <i>Korean Journal of Health Promotion</i> , 2016, 16, 134.  | 0.2 | 3         |

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|----|--|-----|-----------|
| 55 | <i>In Vivo</i> Rodent Models of Skeletal Muscle Adaptation to Decreased Use. <i>Endocrinology and Metabolism</i> , 2016, 31, 31.   | 3.0 | 16        |
| 56 | Results From South Korea's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S274-S278.   | 2.0 | 19        |
| 57 | Resistance exercise reduced the expression of fibroblast growth factor-2 in skeletal muscle of aged mice. <i>Integrative Medicine Research</i> , 2016, 5, 230-235.   | 1.8 | 17        |
| 58 | Evaluation of treadmill exercise effect on muscular lipid profiles of diabetic fatty rats by nanoflow liquid chromatography-tandem mass spectrometry. <i>Scientific Reports</i> , 2016, 6, 29617.  | 3.3 | 15        |
| 59 | Effect of resistance ladder training on sparc expression in skeletal muscle of hindlimb immobilized rats. <i>Muscle and Nerve</i> , 2016, 53, 951-957.   | 2.2 | 10        |
| 60 | Combined Low-Intensity Exercise and Ascorbic Acid Attenuates Kainic Acid-Induced Seizure and Oxidative Stress in Mice. <i>Neurochemical Research</i> , 2016, 41, 1035-1041.  | 3.3 | 11        |
| 61 | Effect of Aerobic Training and Resistance Training on Circulating Irisin Level and Their Association With Change of Body Composition in Overweight/Obese Adults: a Pilot Study. <i>Physiological Research</i> , 2016, 65, 271-279.                           | 0.9 | 96        |
| 62 | The Preventive Effects of 8 Weeks of Resistance Training on Glucose Tolerance and Muscle Fiber Type Composition in Zucker Rats. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 424.  | 4.7 | 25        |
| 63 | Treadmill Exercise Attenuates Retinal Oxidative Stress in Naturally-Aged Mice: An Immunohistochemical Study. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21008-21020.   | 4.1 | 28        |
| 64 | Effects of High-speed Elastic Band Training on Physical Fitness and Muscle Function in Rural Community-dwelling Elderly: a Single-blinded Randomized Controlled Trial. <i>Korean Journal of Health Promotion</i> , 2015, 15, 254.                            | 0.2 | 1         |
| 65 | Treadmill exercise prevents diabetes-induced increases in lipid peroxidation and decreases in Cu,Zn-superoxide dismutase levels in the hippocampus of Zucker diabetic fatty rats. <i>Journal of Veterinary Science</i> , 2015, 16, 11.                       | 1.3 | 13        |
| 66 | Synthesis of pyrimidine-cored host materials bearing phenylcarbazole for efficient yellow phosphorescent devices: effect of linkage position. <i>RSC Advances</i> , 2015, 5, 17030-17033.  | 3.6 | 13        |
| 67 | Resistance exercise training increases the expression of irisin concomitant with improvement of muscle function in aging mice and humans. <i>Experimental Gerontology</i> , 2015, 70, 11-17.   | 2.8 | 111       |
| 68 | Sarcopenia in Korea: Prevalence and Clinical Aspects. <i>Journal of the Korean Geriatrics Society</i> , 2015, 19, 1-8.   | 0.3 | 13        |
| 69 | Resistance training inhibits the elevation of skeletal muscle derived-BDNF level concomitant with improvement of muscle strength in zucker diabetic rat. <i>Journal of Exercise Nutrition &amp; Biochemistry</i> , 2015, 19, 281-288.                        | 1.3 | 13        |
| 70 | Practical Application of Resistance Exercise for Prevention of Sarcopenia. <i>Journal of the Korean Geriatrics Society</i> , 2015, 19, 205-217.  | 0.3 | 2         |
| 71 | Impact of Visceral Fat on Skeletal Muscle Mass and Vice Versa in a Prospective Cohort Study: The Korean Sarcopenic Obesity Study (KSOS). <i>PLoS ONE</i> , 2014, 9, e115407.   | 2.5 | 88        |
| 72 | Effects of 12 Weeks High-Speed Elastic Band Training on Cognitive Function, Physical Performance and Muscle Strength in Older Women with Mild Cognitive Impairment: A Randomized Controlled Trial. <i>Korean Journal of Health Promotion</i> , 2014, 14, 26. | 0.2 | 7         |

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|----|---|-----|-----------|
| 73 | The Synergy Effect of Weight-Bearing Circuit Training and Aloe QDM Complex on Obese Middle Aged Women: a Randomized Double-Blind Controlled Trial. Korean Journal of Health Promotion, 2014, 14, 59.                            | 0.2 | 2         |
| 74 | Exercise-induced myokines in health and metabolic diseases. Integrative Medicine Research, 2014, 3, 172-179.  | 1.8 | 103       |
| 75 | Synergic Effect of Exercise and Lipoic Acid on Protection Against Kainic Acid Induced Seizure Activity and Oxidative Stress in Mice. Neurochemical Research, 2014, 39, 1579-1584.   | 3.3 | 16        |
| 76 | Increase of circulating BDNF levels and its relation to improvement of physical fitness following 12 weeks of combined exercise in chronic patients with schizophrenia: A pilot study. Psychiatry Research, 2014, 220, 792-796. | 3.3 | 56        |
| 77 | Autophagic response to exercise training in skeletal muscle with age. Journal of Physiology and Biochemistry, 2013, 69, 697-705.  | 3.0 | 82        |
| 78 | Relationships between sarcopenic obesity and insulin resistance, inflammation, and vitamin D status: the Korean Sarcopenic Obesity Study (KSOS). Clinical Endocrinology, 2013, 78, 525-532.                                     | 2.4 | 164       |
| 79 | Body composition, fitness level, anabolic hormones, and inflammatory cytokines in the elderly: a randomized controlled trial. Aging Clinical and Experimental Research, 2013, 25, 167-174.                                      | 2.9 | 39        |
| 80 | Low-intensity treadmill exercise enhances fast recovery from bupivacaine-induced muscle injury in rats. Integrative Medicine Research, 2013, 2, 157-165.  | 1.8 | 1         |
| 81 | The Synergic Effect of Regular Exercise and Resveratrol on Kainate-Induced Oxidative Stress and Seizure Activity in Mice. Neurochemical Research, 2013, 38, 117-122.  | 3.3 | 30        |
| 82 | Body Size Phenotypes and Low Muscle Mass: The Korean Sarcopenic Obesity Study (KSOS). Journal of Clinical Endocrinology and Metabolism, 2013, 98, 811-817.  | 3.6 | 75        |
| 83 | Effect of HX108-CS supplementation on exercise capacity and lactate accumulation after high-intensity exercise. Journal of the International Society of Sports Nutrition, 2013, 10, 21.   | 3.9 | 6         |
| 84 | Effect of Treadmill Exercise on Interleukin-15 Expression and Glucose Tolerance in Zucker Diabetic Fatty Rats. Diabetes and Metabolism Journal, 2013, 37, 358.  | 4.7 | 28        |
| 85 | Treadmill exercise alleviates short-term memory impairment in 6-hydroxydopamine-induced Parkinson's rats. Journal of Exercise Rehabilitation, 2013, 9, 354-361.   | 1.0 | 49        |
| 86 | Effects of acute and chronic resistance exercise training on IL-15 expression in rat skeletal muscle. IJASS(International Journal of Applied Sports Sciences), 2013, 25, 85-90.   | 0.2 | 2         |
| 87 | Ultra-weak photon emission during wrist curl and cycling exercises in trained healthy men. Electromagnetic Biology and Medicine, 2012, 31, 122-131.   | 1.4 | 4         |
| 88 | Autophagic response to a single bout of moderate exercise in murine skeletal muscle. Journal of Physiology and Biochemistry, 2012, 68, 229-235.   | 3.0 | 58        |
| 89 | The differential relationship between fat mass and bone mineral density by gender and menopausal status. Journal of Bone and Mineral Metabolism, 2012, 30, 47-53.   | 2.7 | 55        |
| 90 | Combined Exercise Training and Self-Management Education for Community-Dwelling Older Adults with Diabetes in Korea. Journal of Gerontological Nursing, 2012, 38, 38-48.  | 0.6 | 10        |

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|-----|---|-----|-----------|
| 91  | Skeletal muscle mass to visceral fat area ratio is associated with metabolic syndrome and arterial stiffness: The Korean Sarcopenic Obesity Study (KSOS). <i>Diabetes Research and Clinical Practice</i> , 2011, 93, 285-291.   | 2.8 | 128       |
| 92  | Differential effects of treadmill exercise on cyclooxygenase-2 in the rat hippocampus at early and chronic stages of diabetes. <i>Laboratory Animal Research</i> , 2011, 27, 189.   | 2.5 | 4         |
| 93  | Supplementation of HX108CS Lowers Lactate Accumulation after Running and Swimming Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 853.   | 0.4 | 0         |
| 94  | Differential Effects of Treadmill Exercise on Calretinin Immunoreactivity in Type 2 Diabetic Rats in Early and Chronic Diabetic Stages. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1037-1042.   | 0.9 | 3         |
| 95  | Exercise training improves basal blood glucose metabolism with no changes of cytosolic inhibitor $\hat{I}^B$ kinase or c-Jun N-terminal kinase activation in skeletal muscle of Otsuka Long-Evans Tokushima fatty rats. <i>Experimental Physiology</i> , 2011, 96, 689-698. | 2.0 | 9         |
| 96  | Effect of Treadmill Exercise on Blood Glucose, Serum Corticosterone Levels and Glucocorticoid Receptor Immunoreactivity in the Hippocampus in Chronic Diabetic Rats. <i>Neurochemical Research</i> , 2011, 36, 281-287.   | 3.3 | 10        |
| 97  | Differential Effects of Treadmill Exercise in Early and Chronic Diabetic Stages on Parvalbumin Immunoreactivity in the Hippocampus of a Rat Model of Type 2 Diabetes. <i>Neurochemical Research</i> , 2011, 36, 1526-1532.  | 3.3 | 6         |
| 98  | The effects of an integrated health education and exercise program in community-dwelling older adults with hypertension: A randomized controlled trial. <i>Patient Education and Counseling</i> , 2011, 82, 133-137.  | 2.2 | 59        |
| 99  | Beadarray Analysis of Rat Skeletal Muscle after 4 Weeks of Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 582.   | 0.4 | 0         |
| 100 | 12 Weeks of Combined Exercise Is Better Than Aerobic Exercise for Increasing Growth Hormone in Middle-Aged Women. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2010, 20, 21-26.  | 2.1 | 43        |
| 101 | Aerobic Exercise Training-Induced Decrease in Plasma Visfatin and Insulin Resistance in Obese Female Adolescents. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2010, 20, 275-281.  | 2.1 | 45        |
| 102 | Effects Of Endurance Exercise On Jnk, Hsp72, And Nf-kB Activation In Oletf Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 753.   | 0.4 | 0         |
| 103 | Exercise Training Increases LC3, Marker Of Autophagy. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 824-825.   | 0.4 | 0         |
| 104 | Effects of Aerobic Exercise on Ultraweak Photon Emission. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 818.   | 0.4 | 0         |
| 105 | Effects of age and treadmill exercise in chronic diabetic stages on neuroblast differentiation in a rat model of type 2 diabetes. <i>Brain Research</i> , 2010, 1341, 63-71.  | 2.2 | 25        |
| 106 | Effects of treadmill exercise on cyclooxygenase-2 in the hippocampus in type 2 diabetic rats: Correlation with the neuroblasts. <i>Brain Research</i> , 2010, 1341, 84-92.  | 2.2 | 18        |
| 107 | Cutoff points of abdominal obesity indices in screening for non-alcoholic fatty liver disease in Asians. <i>Liver International</i> , 2010, 30, 1189-1196.  | 3.9 | 45        |
| 108 | Overexpression of antioxidant enzymes in diaphragm muscle does not alter contraction-induced fatigue or recovery. <i>Experimental Physiology</i> , 2010, 95, 222-231.   | 2.0 | 30        |



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|-----|--|-----|-----------|
| 109 | Dietary fish oil alleviates soleus atrophy during immobilization in association with Akt signaling to p70s6k and E3 ubiquitin ligases in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 310-318.    | 1.9 | 76        |
| 110 | Prevalence and Determinant Factors of Sarcopenia in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2010, 33, 1497-1499.   | 8.6 | 471       |
| 111 | Prevalence of sarcopenia and sarcopenic obesity in Korean adults: The Korean Sarcopenic Obesity Study (KSOS). <i>Nature Precedings</i> , 2009, , .   | 0.1 | 2         |
| 112 | Overexpression of Mn Superoxide Dismutase Does Not Increase Life Span in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 1114-1125.                                  | 3.6 | 178       |
| 113 | Glutathione peroxidase 4 differentially regulates the release of apoptogenic proteins from mitochondria. <i>Free Radical Biology and Medicine</i> , 2009, 47, 312-320.   | 2.9 | 71        |
| 114 | Effects of Treadmill Exercise on Cell Proliferation and Differentiation in the Subgranular Zone of the Dentate Gyrus in a Rat Model of Type II Diabetes. <i>Neurochemical Research</i> , 2009, 34, 1039-1046.              | 3.3 | 55        |
| 115 | Effects of Exercise on Cyclooxygenase-2 Expression and Nuclear Factor- $\kappa$ B DNA Binding in Human Peripheral Blood Mononuclear Cells. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 464-471.        | 3.8 | 21        |
| 116 | Exercise Training Modulates the Nitric Oxide Synthase Profile in Skeletal Muscle From Old Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 540-549.                   | 3.6 | 48        |
| 117 | The Effect of Aerobic Gymnastic Exercise on Physical Fitness and Inflammatory Markers in Hemiplegic Disabled after Cerebral Stroke. <i>Journal of Adapted Physical Activity and Exercise</i> , 2009, 17, 109-126.          | 0.1 | 1         |
| 118 | Comparison of Lactate Threshold, Glucose, and Insulin Levels Between OLETF and LETO Rats After All-Out Exercise. <i>Journal of Sports Science and Medicine</i> , 2009, 8, 381-7.   | 1.6 | 3         |
| 119 | Effects of exercises on biophoton emission of the wrist. <i>European Journal of Applied Physiology</i> , 2008, 102, 463-469.   | 2.5 | 20        |
| 120 | Exercise training improves the antioxidant enzyme activity with no changes of telomere length. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 254-260.   | 4.6 | 99        |
| 121 | Development of Athlete Monitoring System for Effective Safety Training. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S416.   | 0.4 | 0         |
| 122 | Denervation-induced skeletal muscle atrophy is associated with increased mitochondrial ROS production. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1159-R1168. | 1.8 | 285       |
| 123 | Exercise Training Attenuates Age-Induced Changes in Apoptotic Signaling in Rat Skeletal Muscle. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 517-528.  | 5.4 | 134       |
| 124 | Raising the antioxidant levels within mouse muscle fibres does not affect contraction-induced injury. <i>Experimental Physiology</i> , 2006, 91, 781-789.  | 2.0 | 11        |
| 125 | Hindlimb unloading increases oxidative stress and disrupts antioxidant capacity in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2003, 35, 9-16.   | 2.9 | 318       |