

Katsushiko Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

304
papers

10,639
citations

34016

52
h-index

45213

90
g-index

322
all docs

322
docs citations

322
times ranked

12424
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterization of inflammatory responses to eccentric exercise in humans. <i>Exercise Immunology Review</i> , 2005, 11, 64-85. | 0.4 | 311 |
| 2 | A cross-sectional study of sarcopenia in Japanese men and women: reference values and association with cardiovascular risk factors. <i>European Journal of Applied Physiology</i> , 2010, 110, 57-65. | 1.2 | 281 |
| 3 | Systemic inflammatory response to exhaustive exercise. Cytokine kinetics. <i>Exercise Immunology Review</i> , 2002, 8, 6-48. | 0.4 | 280 |
| 4 | Impact of a Competitive Marathon Race on Systemic Cytokine and Neutrophil Responses. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 348-355. | 0.2 | 278 |
| 5 | Exercise training inhibits inflammation in adipose tissue via both suppression of macrophage infiltration and acceleration of phenotypic switching from M1 to M2 macrophages in high-fat-diet-induced obese mice. <i>Exercise Immunology Review</i> , 2010, 16, 105-18. | 0.4 | 272 |
| 6 | Endurance exercise causes interaction among stress hormones, cytokines, neutrophil dynamics, and muscle damage. <i>Journal of Applied Physiology</i> , 1999, 87, 1360-1367. | 1.2 | 265 |
| 7 | Resistance Training and Reduction of Treatment Side Effects in Prostate Cancer Patients. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 2045-2052. | 0.2 | 249 |
| 8 | Circulating cytokines and hormones with immunosuppressive but neutrophil-priming potentials rise after endurance exercise in humans. <i>European Journal of Applied Physiology</i> , 2000, 81, 281-287. | 1.2 | 248 |
| 9 | Cytokine expression and secretion by skeletal muscle cells: regulatory mechanisms and exercise effects. <i>Exercise Immunology Review</i> , 2015, 21, 8-25. | 0.4 | 237 |
| 10 | Plasma cytokine changes in relation to exercise intensity and muscle damage. <i>European Journal of Applied Physiology</i> , 2005, 95, 514-521. | 1.2 | 213 |
| 11 | Exercise-Induced Muscle Damage, Plasma Cytokines, and Markers of Neutrophil Activation. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 737-745. | 0.2 | 191 |
| 12 | Translational Suppression of Atrophic Regulators by MicroRNA-23a Integrates Resistance to Skeletal Muscle Atrophy. <i>Journal of Biological Chemistry</i> , 2011, 286, 38456-38465. | 1.6 | 165 |
| 13 | Chronic Inflammation as an Immunological Abnormality and Effectiveness of Exercise. <i>Biomolecules</i> , 2019, 9, 223. | 1.8 | 165 |
| 14 | Changes in inflammatory mediators following eccentric exercise of the elbow flexors. <i>Exercise Immunology Review</i> , 2004, 10, 75-90. | 0.4 | 159 |
| 15 | Changes in markers of muscle damage, inflammation and HSP70 after an Ironman triathlon race. <i>European Journal of Applied Physiology</i> , 2006, 98, 525-534. | 1.2 | 153 |
| 16 | Capacity of circulating neutrophils to produce reactive oxygen species after exhaustive exercise. <i>Journal of Applied Physiology</i> , 1996, 81, 1213-1222. | 1.2 | 152 |
| 17 | High-temperature water-rock interactions and hydrothermal environments in the chondrite-like core of Enceladus. <i>Nature Communications</i> , 2015, 6, 8604. | 5.8 | 152 |
| 18 | The influence of antioxidant supplementation on markers of inflammation and the relationship to oxidative stress after exercise. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 357-371. | 1.9 | 140 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Break point of serum creatine kinase release after endurance exercise. <i>Journal of Applied Physiology</i> , 2002, 93, 1280-1286. | 1.2 | 110 |
| 20 | Exercise Attenuates M1 Macrophages and CD8+ T Cells in the Adipose Tissue of Obese Mice. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1684-1693. | 0.2 | 110 |
| 21 | Exercise training attenuates hepatic inflammation, fibrosis and macrophage infiltration during diet induced-obesity in mice. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 931-941. | 2.0 | 108 |
| 22 | Physical exercise, reactive oxygen species and neuroprotection. <i>Free Radical Biology and Medicine</i> , 2016, 98, 187-196. | 1.3 | 108 |
| 23 | Neutrophil activation, antioxidant supplements and exercise-induced oxidative stress. <i>Exercise Immunology Review</i> , 2004, 10, 129-41. | 0.4 | 108 |
| 24 | Geochemical characteristics and origin of the HIMU reservoir: A possible mantle plume source in the lower mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a. | 1.0 | 105 |
| 25 | Profiling of Circulating MicroRNAs after a Bout of Acute Resistance Exercise in Humans. <i>PLoS ONE</i> , 2013, 8, e70823. | 1.1 | 102 |
| 26 | Corylin protects LPS-induced sepsis and attenuates LPS-induced inflammatory response. <i>Scientific Reports</i> , 2017, 7, 46299. | 1.6 | 100 |
| 27 | Salivary dehydroepiandrosterone secretion in response to acute psychosocial stress and its correlations with biological and psychological changes. <i>Biological Psychology</i> , 2008, 79, 294-298. | 1.1 | 98 |
| 28 | Analysis and assessment of the capacity of neutrophils to produce reactive oxygen species in a 96-well microplate format using lucigenin- and luminol-dependent chemiluminescence. <i>Journal of Immunological Methods</i> , 1997, 210, 1-10. | 0.6 | 97 |
| 29 | Characterization and Modulation of Systemic Inflammatory Response to Exhaustive Exercise in Relation to Oxidative Stress. <i>Antioxidants</i> , 2020, 9, 401. | 2.2 | 97 |
| 30 | Eccentric exercise-induced delayed-onset muscle soreness and changes in markers of muscle damage and inflammation. <i>Exercise Immunology Review</i> , 2013, 19, 72-85. | 0.4 | 96 |
| 31 | Resistance Exercise Training-Induced Muscle Hypertrophy Was Associated with Reduction of Inflammatory Markers in Elderly Women. <i>Mediators of Inflammation</i> , 2010, 2010, 1-7. | 1.4 | 94 |
| 32 | Cytokine Response to Exercise and Its Modulation. <i>Antioxidants</i> , 2018, 7, 17. | 2.2 | 86 |
| 33 | Seasonal changes in mortality rates from main causes of death in Japan. <i>European Journal of Epidemiology</i> , 2004, 19, 905-913. | 2.5 | 85 |
| 34 | The Integrative Role of Sulforaphane in Preventing Inflammation, Oxidative Stress and Fatigue: A Review of a Potential Protective Phytochemical. <i>Antioxidants</i> , 2020, 9, 521. | 2.2 | 84 |
| 35 | Endocrine and immune responses to resistance training in prostate cancer patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2008, 11, 160-165. | 2.0 | 83 |
| 36 | Changes in neutrophil surface receptor expression, degranulation, and respiratory burst activity after moderate- and high-intensity exercise. <i>Journal of Applied Physiology</i> , 2004, 97, 612-618. | 1.2 | 82 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The effects of cold water immersion and active recovery on inflammation and cell stress responses in human skeletal muscle after resistance exercise. <i>Journal of Physiology</i> , 2017, 595, 695-711. | 1.3 | 81 |
| 38 | Effects of Exhaustive Endurance Exercise and its One-Week Daily Repetition on Neutrophil Count and Functional Status in Untrained Men. <i>International Journal of Sports Medicine</i> , 1996, 17, 205-212. | 0.8 | 75 |
| 39 | Raised plasma G-CSF and IL-6 after exercise may play a role in neutrophil mobilization into the circulation. <i>Journal of Applied Physiology</i> , 2002, 92, 1789-1794. | 1.2 | 73 |
| 40 | The association of elevated reactive oxygen species levels from neutrophils with low-grade inflammation in the elderly. <i>Immunity and Ageing</i> , 2008, 5, 13. | 1.8 | 72 |
| 41 | Linking What We Eat to Our Mood: A Review of Diet, Dietary Antioxidants, and Depression. <i>Antioxidants</i> , 2019, 8, 376. | 2.2 | 72 |
| 42 | Effects of Curcumin Supplementation on Exercise-Induced Oxidative Stress in Humans. <i>International Journal of Sports Medicine</i> , 2014, 35, 469-475. | 0.8 | 70 |
| 43 | Exercise effects on physiological function during aging. <i>Free Radical Biology and Medicine</i> , 2019, 132, 33-41. | 1.3 | 70 |
| 44 | Mechanoradical H ₂ generation during simulated faulting: Implications for an earthquake-driven subsurface biosphere. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 1.5 | 68 |
| 45 | Effects of bovine colostrum supplementation on immune variables in highly trained cyclists. <i>Journal of Applied Physiology</i> , 2007, 102, 1113-1122. | 1.2 | 67 |
| 46 | Ultra-Processed Food Consumption and Adult Mortality Risk: A Systematic Review and Dose-Response Meta-Analysis of 207,291 Participants. <i>Nutrients</i> , 2022, 14, 174. | 1.7 | 66 |
| 47 | Body temperature and its effect on leukocyte mobilization, cytokines and markers of neutrophil activation during and after exercise. <i>European Journal of Applied Physiology</i> , 2008, 102, 391-401. | 1.2 | 65 |
| 48 | The effects of acute exercise-induced cortisol on CCR2 expression on human monocytes. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1066-1071. | 2.0 | 61 |
| 49 | Physical activity and nutrition guidelines to help with the fight against COVID-19. <i>Journal of Sports Sciences</i> , 2021, 39, 101-107. | 1.0 | 59 |
| 50 | Bavachin attenuates LPS-induced inflammatory response and inhibits the activation of NLRP3 inflammasome in macrophages. <i>Phytomedicine</i> , 2019, 59, 152785. | 2.3 | 59 |
| 51 | Curcumin attenuates oxidative stress following downhill running-induced muscle damage. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 573-578. | 1.0 | 57 |
| 52 | Neutrophil Depletion Attenuates Muscle Injury after Exhaustive Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1917-1924. | 0.2 | 57 |
| 53 | A simple and rapid method for isotopic analysis of nickel, copper, and zinc in seawater using chelating extraction and anion exchange. <i>Analytica Chimica Acta</i> , 2017, 967, 1-11. | 2.6 | 55 |
| 54 | Organosulfur Compounds: A Review of Their Anti-inflammatory Effects in Human Health. <i>Frontiers in Nutrition</i> , 2020, 7, 64. | 1.6 | 54 |

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|----|---|-----|-----------|
| 55 | Exhaustive exercise and type-1/type-2 cytokine balance with special focus on interleukin-12 p40/p70. <i>Exercise Immunology Review</i> , 2003, 9, 48-57. | 0.4 | 53 |
| 56 | Effect of Sodium Butyrate on Reactive Oxygen Species Generation by Human Neutrophils. <i>Scandinavian Journal of Gastroenterology</i> , 2001, 36, 744-750. | 0.6 | 52 |
| 57 | The systemic role of SIRT1 in exercise mediated adaptation. <i>Redox Biology</i> , 2020, 35, 101467. | 3.9 | 50 |
| 58 | Reactive Oxygen and Nitrogen Species Regulate Key Metabolic, Anabolic, and Catabolic Pathways in Skeletal Muscle. <i>Antioxidants</i> , 2018, 7, 85. | 2.2 | 47 |
| 59 | Effects of zinc on the reactive oxygen species generating capacity of human neutrophils and on the serum opsonic activity in vitro. <i>Luminescence</i> , 2000, 15, 321-327. | 1.5 | 46 |
| 60 | Acute ingestion of catechin-rich green tea improves postprandial glucose status and increases serum thioredoxin concentrations in postmenopausal women. <i>British Journal of Nutrition</i> , 2014, 112, 1542-1550. | 1.2 | 46 |
| 61 | Effects of Folic Acid Supplementation on Oxidative Stress Markers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Antioxidants</i> , 2021, 10, 871. | 2.2 | 46 |
| 62 | Ultra-Processed Food Consumption and Adult Diabetes Risk: A Systematic Review and Dose-Response Meta-Analysis. <i>Nutrients</i> , 2021, 13, 4410. | 1.7 | 46 |
| 63 | Effect of exhaustive exercise on human neutrophils in athletes. <i>Luminescence</i> , 2000, 15, 15-20. | 1.5 | 45 |
| 64 | The effects of increased endurance training load on biomarkers of heat intolerance during intense exercise in the heat. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 616-624. | 0.9 | 45 |
| 65 | Exercise, redox system and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165778. | 1.8 | 45 |
| 66 | Effects of Acute Endurance Exercise Performed in the Morning and Evening on Inflammatory Cytokine and Metabolic Hormone Responses. <i>PLoS ONE</i> , 2015, 10, e0137567. | 1.1 | 45 |
| 67 | Low-volume exercise training attenuates oxidative stress and neutrophils activation in older adults. <i>European Journal of Applied Physiology</i> , 2013, 113, 1117-1126. | 1.2 | 44 |
| 68 | An 8-Week Ketogenic Diet Altered Interleukin-6, Ketolytic and Lipolytic Gene Expression, and Enhanced Exercise Capacity in Mice. <i>Nutrients</i> , 2018, 10, 1696. | 1.7 | 44 |
| 69 | Cut-offs for calf circumference as a screening tool for low muscle mass: WASEDA'S Health Study. <i>Geriatrics and Gerontology International</i> , 2020, 20, 943-950. | 0.7 | 44 |
| 70 | Functional and Psychological Changes after Exercise Training in Post-COVID-19 Patients Discharged from the Hospital: A PRISMA-Compliant Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2290. | 1.2 | 44 |
| 71 | Effect of exercise-induced muscle damage on muscle hardness evaluated by ultrasound real-time tissue elastography. <i>SpringerPlus</i> , 2015, 4, 308. | 1.2 | 42 |
| 72 | Detection of titin fragments in urine in response to exercise-induced muscle damage. <i>PLoS ONE</i> , 2017, 12, e0181623. | 1.1 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Bovine Colostrum Modulates Cytokine Production in Human Peripheral Blood Mononuclear Cells Stimulated with Lipopolysaccharide and Phytohemagglutinin. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 37-44. | 0.5 | 41 |
| 74 | The Effects of Nano-Curcumin Supplementation on Risk Factors for Cardiovascular Disease: A GRADE-Assessed Systematic Review and Meta-Analysis of Clinical Trials. <i>Antioxidants</i> , 2021, 10, 1015. | 2.2 | 41 |
| 75 | Protective Effects of Sulforaphane on Exercise-Induced Organ Damage via Inducing Antioxidant Defense Responses. <i>Antioxidants</i> , 2020, 9, 136. | 2.2 | 41 |
| 76 | Postprandial Lipaemia: Effects of Sitting, Standing and Walking in Healthy Normolipidaemic Humans. <i>International Journal of Sports Medicine</i> , 2012, 34, 21-27. | 0.8 | 40 |
| 77 | Sulforaphane Protects Cells against Lipopolysaccharide-Stimulated Inflammation in Murine Macrophages. <i>Antioxidants</i> , 2019, 8, 577. | 2.2 | 40 |
| 78 | Evaluation of serum leaking enzymes and investigation into new biomarkers for exercise-induced muscle damage. <i>Exercise Immunology Review</i> , 2014, 20, 39-54. | 0.4 | 40 |
| 79 | Micronutrient Intake Adequacy in Men and Women with a Healthy Japanese Dietary Pattern. <i>Nutrients</i> , 2020, 12, 6. | 1.7 | 39 |
| 80 | Exercise training attenuates adipose tissue fibrosis in diet-induced obese mice. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 774-779. | 1.0 | 38 |
| 81 | Creatine Supplementation, Physical Exercise and Oxidative Stress Markers: A Review of the Mechanisms and Effectiveness. <i>Nutrients</i> , 2021, 13, 869. | 1.7 | 38 |
| 82 | IL-17, neutrophil activation and muscle damage following endurance exercise. <i>Exercise Immunology Review</i> , 2012, 18, 116-27. | 0.4 | 37 |
| 83 | A Short Overview of Changes in Inflammatory Cytokines and Oxidative Stress in Response to Physical Activity and Antioxidant Supplementation. <i>Antioxidants</i> , 2020, 9, 886. | 2.2 | 36 |
| 84 | Urinary excretion of cytokines versus their plasma levels after endurance exercise. <i>Exercise Immunology Review</i> , 2013, 19, 29-48. | 0.4 | 36 |
| 85 | Keto-Adaptation and Endurance Exercise Capacity, Fatigue Recovery, and Exercise-Induced Muscle and Organ Damage Prevention: A Narrative Review. <i>Sports</i> , 2019, 7, 40. | 0.7 | 35 |
| 86 | Changes of thioredoxin, oxidative stress markers, inflammation and muscle/renal damage following intensive endurance exercise. <i>Exercise Immunology Review</i> , 2015, 21, 130-42. | 0.4 | 35 |
| 87 | Depressed humoral immunity after weight reduction in competitive judoists. <i>Luminescence</i> , 2002, 17, 150-157. | 1.5 | 34 |
| 88 | Exercise training attenuates neutrophil infiltration and Elastase expression in adipose tissue of high-fat-diet-induced obese mice. <i>Physiological Reports</i> , 2015, 3, e12534. | 0.7 | 34 |
| 89 | Macrophage depletion by clodronate liposome attenuates muscle injury and inflammation following exhaustive exercise. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 146-151. | 0.7 | 34 |
| 90 | Aloe Metabolites Prevent LPS-Induced Sepsis and Inflammatory Response by Inhibiting Mitogen-Activated Protein Kinase Activation. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 847-861. | 1.5 | 33 |

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|-----|---|-----|-----------|
| 91 | An 8-Week Ketogenic Low Carbohydrate, High Fat Diet Enhanced Exhaustive Exercise Capacity in Mice. <i>Nutrients</i> , 2018, 10, 673. | 1.7 | 33 |
| 92 | Effects of Ramadan Intermittent Fasting on Gut Hormones and Body Composition in Males with Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5600. | 1.2 | 33 |
| 93 | Effect of Exercise Intensity on Cell-Mediated Immunity. <i>Sports</i> , 2021, 9, 8. | 0.7 | 33 |
| 94 | Characterization of Exercise-Induced Cytokine Release, the Impacts on the Body, the Mechanisms and Modulations. <i>International Journal of Sports and Exercise Medicine</i> , 2019, 5, . | 0.0 | 33 |
| 95 | An 8-Week, Low Carbohydrate, High Fat, Ketogenic Diet Enhanced Exhaustive Exercise Capacity in Mice Part 2: Effect on Fatigue Recovery, Post-Exercise Biomarkers and Anti-Oxidation Capacity. <i>Nutrients</i> , 2018, 10, 1339. | 1.7 | 32 |
| 96 | The Effect of Vitamin C on Pathological Parameters and Survival Duration of Critically Ill Coronavirus Disease 2019 Patients: A Randomized Clinical Trial. <i>Frontiers in Immunology</i> , 2021, 12, 717816. | 2.2 | 32 |
| 97 | Effects of β -Hydroxy- β -methylbutyrate-free Acid Supplementation on Strength, Power and Hormonal Adaptations Following Resistance Training. <i>Nutrients</i> , 2017, 9, 1316. | 1.7 | 31 |
| 98 | Effect of carbohydrate ingestion and ambient temperature on muscle fatigue development in endurance-trained male cyclists. <i>Journal of Applied Physiology</i> , 2008, 104, 1021-1028. | 1.2 | 30 |
| 99 | Involvement of Neutrophil Dynamics and Function in Exercise-Induced Muscle Damage and Delayed-Onset Muscle Soreness: Effect of Hydrogen Bath. <i>Antioxidants</i> , 2018, 7, 127. | 2.2 | 29 |
| 100 | Folic Acid Supplementation Improves Glycemic Control for Diabetes Prevention and Management: A Systematic Review and Dose-Response Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 2355. | 1.7 | 29 |
| 101 | Virus Activation and Immune Function During Intense Training in Rugby Football Players. <i>International Journal of Sports Medicine</i> , 2011, 32, 393-398. | 0.8 | 28 |
| 102 | Beta-Cryptoxanthin Inhibits Lipopolysaccharide-Induced Osteoclast Differentiation and Bone Resorption via the Suppression of Inhibitor of NF- κ B Kinase Activity. <i>Nutrients</i> , 2019, 11, 368. | 1.7 | 28 |
| 103 | Measurement of chemiluminescence from neutrophils in a 96-well microplate using Lumi Box U-800 II. , 1997, 12, 149-153. | | 27 |
| 104 | Dietary patterns and abdominal obesity in middle-aged and elderly Japanese adults: Waseda Alumni's Sports, Exercise, Daily Activity, Sedentariness and Health Study (WASEDA'S Health Study). <i>Nutrition</i> , 2019, 58, 149-155. | 1.1 | 26 |
| 105 | Menstrual cycle phase and carbohydrate ingestion alter immune response following endurance exercise and high intensity time trial performance test under hot conditions. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 39. | 1.7 | 25 |
| 106 | The Effects of High-Intensity Interval Training vs. Moderate-Intensity Continuous Training on Inflammatory Markers, Body Composition, and Physical Fitness in Overweight/Obese Survivors of Breast Cancer: A Randomized Controlled Clinical Trial. <i>Cancers</i> , 2021, 13, 4386. | 1.7 | 25 |
| 107 | Peridotite and pyroxenite xenoliths from Tarim, NW China: Evidences for melt depletion and mantle refertilization in the mantle source region of the Tarim flood basalt. <i>Lithos</i> , 2014, 204, 97-111. | 0.6 | 24 |
| 108 | Systemic Inflammation Mediates the Effects of Endotoxemia in the Mechanisms of Heat Stroke. <i>Biology and Medicine (Aligarh)</i> , 2017, 09, . | 0.3 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Ramadan Fasting During the COVID-19 Pandemic; Observance of Health, Nutrition and Exercise Criteria for Improving the Immune System. <i>Frontiers in Nutrition</i> , 2020, 7, 570235. | 1.6 | 24 |
| 110 | A Brief Overview of Oxidative Stress in Adipose Tissue with a Therapeutic Approach to Taking Antioxidant Supplements. <i>Antioxidants</i> , 2021, 10, 594. | 2.2 | 24 |
| 111 | Effects of Folic Acid Supplementation on Inflammatory Markers: A Grade-Assessed Systematic Review and Dose-Response Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2021, 13, 2327. | 1.7 | 24 |
| 112 | Effectiveness of lower-level voluntary exercise in disease prevention of mature rats. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1995, 71, 240-244. | 1.2 | 22 |
| 113 | Differences in body composition and risk of lifestyle-related diseases between young and older male rowers and sedentary controls. <i>Journal of Sports Sciences</i> , 2009, 27, 1027-1034. | 1.0 | 22 |
| 114 | Tahebo Polyphenols Attenuate Free Fatty Acid-Induced Inflammation in Murine and Human Macrophage Cell Lines As Inhibitor of Cyclooxygenase-2. <i>Frontiers in Nutrition</i> , 2017, 4, 63. | 1.6 | 22 |
| 115 | Monocyte Subsets in Atherosclerosis and Modification with Exercise in Humans. <i>Antioxidants</i> , 2018, 7, 196. | 2.2 | 22 |
| 116 | Associations between sleep quality and inflammatory markers in patients with schizophrenia. <i>Psychiatry Research</i> , 2016, 246, 154-160. | 1.7 | 21 |
| 117 | Single Dose Administration of Tahebo Polyphenol Enhances Endurance Capacity in Mice. <i>Scientific Reports</i> , 2018, 8, 14625. | 1.6 | 21 |
| 118 | A Review of the Effects of Leucine Metabolite (β^2 -Hydroxy- β^2 -methylbutyrate) Supplementation and Resistance Training on Inflammatory Markers: A New Approach to Oxidative Stress and Cardiovascular Risk Factors. <i>Antioxidants</i> , 2018, 7, 148. | 2.2 | 21 |
| 119 | Development and validation of a simple anthropometric equation to predict appendicular skeletal muscle mass. <i>Clinical Nutrition</i> , 2021, 40, 5523-5530. | 2.3 | 21 |
| 120 | Effects of a comprehensive intervention program, including hot bathing, on overweight adults: A randomized controlled trial. <i>Geriatrics and Gerontology International</i> , 2013, 13, 638-645. | 0.7 | 20 |
| 121 | Effects of aging on serum levels of lipid molecular species as determined by lipidomics analysis in Japanese men and women. <i>Lipids in Health and Disease</i> , 2018, 17, 135. | 1.2 | 20 |
| 122 | Effects of Upper and Lower Limb Plyometric Training Program on Components of Physical Performance in Young Female Handball Players. <i>Frontiers in Physiology</i> , 2020, 11, 1028. | 1.3 | 20 |
| 123 | Effects of Breaking Sitting by Standing and Acute Exercise on Postprandial Oxidative Stress. <i>Asian Journal of Sports Medicine</i> , 2015, 6, e24902. | 0.1 | 20 |
| 124 | Importance of correlations between phagocytic activity and superoxide production of neutrophils under conditions of voluntary exercise and stress. , 1996, 10, 458-464. | | 19 |
| 125 | Local cyclical compression modulates macrophage function in situ and alleviates immobilization-induced muscle atrophy. <i>Clinical Science</i> , 2018, 132, 2147-2161. | 1.8 | 19 |
| 126 | The Effect of Acute Intense Exercise on Activity of Antioxidant Enzymes in Smokers and Non-Smokers. <i>Biomolecules</i> , 2021, 11, 171. | 1.8 | 19 |

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|-----|---|-----|-----------|
| 127 | Green Tea Consumption after Intense Taekwondo Training Enhances Salivary Defense Factors and Antibacterial Capacity. <i>PLoS ONE</i> , 2014, 9, e87580. | 1.1 | 19 |
| 128 | Involvement of neutrophils in exercise-induced muscle damage and its modulation. <i>General Internal Medicine and Clinical Innovations</i> , 2018, 3, . | 0.2 | 19 |
| 129 | Dietary Supplementation for Attenuating Exercise-Induced Muscle Damage and Delayed-Onset Muscle Soreness in Humans. <i>Nutrients</i> , 2022, 14, 70. | 1.7 | 19 |
| 130 | Effects of sleep deprivation on autonomic and endocrine functions throughout the day and on exercise tolerance in the evening. <i>Journal of Sports Sciences</i> , 2013, 31, 248-255. | 1.0 | 18 |
| 131 | Effect of Acacia Polyphenol Supplementation on Exercise-Induced Oxidative Stress in Mice Liver and Skeletal Muscle. <i>Antioxidants</i> , 2020, 9, 29. | 2.2 | 18 |
| 132 | Oxidative Stress and Inflammation Induced by Waterpipe Tobacco Smoking Despite Possible Protective Effects of Exercise Training: A Review of the Literature. <i>Antioxidants</i> , 2020, 9, 777. | 2.2 | 18 |
| 133 | Icing after eccentric contraction-induced muscle damage perturbs the disappearance of necrotic muscle fibers and phenotypic dynamics of macrophages in mice. <i>Journal of Applied Physiology</i> , 2021, 130, 1410-1420. | 1.2 | 18 |
| 134 | Effect of linear polarized near-infrared ray irradiation on the chemiluminescence of human neutrophils and serum opsonic activity. <i>Luminescence</i> , 1999, 14, 239-243. | 1.5 | 17 |
| 135 | An Overview of Physical Exercise and Antioxidant Supplementation Influences on Skeletal Muscle Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1528. | 2.2 | 17 |
| 136 | Salivary Immuno Factors, Cortisol and Testosterone Responses in Athletes of a Competitive 5,000m Race. <i>Chinese Journal of Physiology</i> , 2015, 58, 263-269. | 0.4 | 17 |
| 137 | The association between physical activity and sex-specific oxidative stress in older adults. <i>Journal of Sports Science and Medicine</i> , 2013, 12, 571-8. | 0.7 | 17 |
| 138 | Carbohydrate Gel Ingestion and Immunoendocrine Responses to Cycling in Temperate and Hot Conditions. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008, 18, 229-246. | 1.0 | 16 |
| 139 | Cytokine Responses to Carbohydrate Ingestion During Recovery from Exercise-Induced Muscle Injury. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 329-337. | 0.5 | 16 |
| 140 | The Effects of Sports Drink Osmolality on Fluid Intake and Immunoendocrine Responses to Cycling in Hot Conditions. <i>Journal of Nutritional Science and Vitaminology</i> , 2013, 59, 206-212. | 0.2 | 16 |
| 141 | New mouse model of skeletal muscle atrophy using spiral wire immobilization. <i>Muscle and Nerve</i> , 2016, 54, 788-791. | 1.0 | 16 |
| 142 | Loss of microRNA-23a/27a/24 clusters in skeletal muscle is not influential in skeletal muscle development and exercise-induced muscle adaptation. <i>Scientific Reports</i> , 2019, 9, 1092. | 1.6 | 16 |
| 143 | Recent Progress in Applicability of Exercise Immunology and Inflammation Research to Sports Nutrition. <i>Nutrients</i> , 2021, 13, 4299. | 1.7 | 16 |
| 144 | Contribution of nitric oxide synthase to human neutrophil chemiluminescence. <i>Luminescence</i> , 1999, 14, 335-339. | 1.5 | 15 |

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