

Riccardo Calvani

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

11,688
citations

30070

54
h-index

34986

98
g-index

208
all docs

208
docs citations

208
times ranked

14114
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Mitochondrial-derived vesicles in skeletal muscle remodeling and adaptation. <i>Seminars in Cell and Developmental Biology</i> , 2023, 143, 37-45. | 5.0 | 10 |
| 2 | Resistance training improves cognitive function in older adults with different cognitive status: a systematic review and Meta-analysis. <i>Aging and Mental Health</i> , 2022, 26, 213-224. | 2.8 | 28 |
| 3 | Circulating extracellular vesicles: friends and foes in neurodegeneration. <i>Neural Regeneration Research</i> , 2022, 17, 534. | 3.0 | 20 |
| 4 | Biomarkers shared by frailty and sarcopenia in older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2022, 73, 101530. | 10.9 | 101 |
| 5 | Twelve-year sarcopenia trajectories in older adults: results from a population-based study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 254-263. | 7.3 | 26 |
| 6 | Aberrant crosstalk between insulin signaling and mTOR in young Down syndrome individuals revealed by neuronal-derived extracellular vesicles. <i>Alzheimer's and Dementia</i> , 2022, 18, 1498-1510. | 0.8 | 16 |
| 7 | Prevalence of dyslipidemia and hypercholesterolemia awareness: results from the Lookup 7+ online project. <i>European Journal of Public Health</i> , 2022, 32, 402-407. | 0.3 | 4 |
| 8 | Gait characteristics in community-dwelling older persons with low skeletal muscle mass and low physical performance. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 1563-1571. | 2.9 | 6 |
| 9 | The Management of Frailty: Barking Up the Wrong Tree. <i>Journal of Frailty & Aging</i> , 2022, 11, 127-128. | 1.3 | 3 |
| 10 | Circulating Mitochondrial DNA and Inter-Organelle Contact Sites in Aging and Associated Conditions. <i>Cells</i> , 2022, 11, 675. | 4.1 | 6 |
| 11 | Inflamaging at the Time of COVID-19. <i>Clinics in Geriatric Medicine</i> , 2022, 38, 473-481. | 2.6 | 14 |
| 12 | COVID-19 atypical Parsonage-Turner syndrome: a case report. <i>BMC Neurology</i> , 2022, 22, 96. | 1.8 | 5 |
| 13 | Multisystem derangements in frailty and sarcopenia: a source for biomarker discovery. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, 25, 173-177. | 2.5 | 5 |
| 14 | Acute and chronic effects of traditional and high-speed resistance training on blood pressure in older adults: A crossover study and systematic review and meta-analysis. <i>Experimental Gerontology</i> , 2022, 163, 111775. | 2.8 | 2 |
| 15 | Translation of Research on Sarcopenia Into Clinical Practice. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 705-706. | 2.5 | 0 |
| 16 | Association between vitamin D status and physical performance in COVID-19 survivors: Results from the Gemelli against COVID-19 post-acute care project. <i>Mechanisms of Ageing and Development</i> , 2022, 205, 111684. | 4.6 | 13 |
| 17 | Multicomponent intervention to prevent mobility disability in frail older adults: randomised controlled trial (SPRINTT project). <i>BMJ</i> , 2022, 377, e068788. | 6.0 | 90 |
| 18 | Effects of a New Multicomponent Nutritional Supplement on Muscle Mass and Physical Performance in Adult and Old Patients Recovered from COVID-19: A Pilot Observational Case-Control Study. <i>Nutrients</i> , 2022, 14, 2316. | 4.1 | 4 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Sarcopenia as potential biological substrate of long COVID-19 syndrome: prevalence, clinical features, and risk factors. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1974-1982. | 7.3 | 25 |
| 20 | Nutraceuticals and Dietary Supplements for Older Adults with Long COVID-19. <i>Clinics in Geriatric Medicine</i> , 2022, 38, 565-591. | 2.6 | 20 |
| 21 | Age-Associated Glia Remodeling and Mitochondrial Dysfunction in Neurodegeneration: Antioxidant Supplementation as a Possible Intervention. <i>Nutrients</i> , 2022, 14, 2406. | 4.1 | 6 |
| 22 | Self-reported difficulty in walking 400 meters: the "œered flag" for probable sarcopenia. <i>BMC Geriatrics</i> , 2022, 22, . | 2.7 | 1 |
| 23 | Protein Intake and Sarcopenia in Older Adults: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8718. | 2.6 | 35 |
| 24 | Protein Intake and Frailty in Older Adults: A Systematic Review and Meta-Analysis of Observational Studies. <i>Nutrients</i> , 2022, 14, 2767. | 4.1 | 10 |
| 25 | Physical Functional Assessment in Older Adults. <i>Journal of Frailty & Aging,the</i> , 2021, 10, 1-9. | 1.3 | 37 |
| 26 | Identification of biomarkers for physical frailty and sarcopenia through a new multi-marker approach: results from the BIOSPHERE study. <i>GeroScience</i> , 2021, 43, 727-740. | 4.6 | 37 |
| 27 | Interaction of Skeletal and Left Ventricular Mass in Older Adults with Low Muscle Performance. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 148-154. | 2.6 | 7 |
| 28 | Age- and Gender-Related Changes in Physical Function in Community-Dwelling Brazilian Adults Aged 50 to 102 Years. <i>Journal of Geriatric Physical Therapy</i> , 2021, 44, E123-E131. | 1.1 | 21 |
| 29 | On Schrödinger's Cat and Evaluation of Trials Disrupted by the Covid19 Pandemic: A Critical Appraisal. <i>Journal of Frailty & Aging,the</i> , 2021, 10, 1-3. | 1.3 | 5 |
| 30 | The sarcopenia and physical frailty in older people: multi-component treatment strategies (SPRINTT) project: description and feasibility of a nutrition intervention in community-dwelling older Europeans. <i>European Geriatric Medicine</i> , 2021, 12, 303-312. | 2.8 | 27 |
| 31 | Evidence-based recommendations for resistance and power training to prevent frailty in community-dwellers. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2069-2086. | 2.9 | 28 |
| 32 | Molecular Mechanism and Pathogenesis of Sarcopenia: An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3032. | 4.1 | 21 |
| 33 | Cell Death and Inflammation: The Role of Mitochondria in Health and Disease. <i>Cells</i> , 2021, 10, 537. | 4.1 | 86 |
| 34 | Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021, 41, 1320-1334. | 3.9 | 51 |
| 35 | Frailty is not associated with hypertension, blood pressure or antihypertensive medication in community-dwelling older adults: A cross-sectional comparison across 3 frailty instruments. <i>Experimental Gerontology</i> , 2021, 146, 111245. | 2.8 | 7 |
| 36 | Molecular routes to sarcopenia and biomarker development: per aspera ad astra. <i>Current Opinion in Pharmacology</i> , 2021, 57, 140-147. | 3.5 | 12 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | The Role of Artificial Intelligence in Managing Multimorbidity and Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 314. | 2.5 | 19 |
| 38 | Sarcopenia and Menopause: The Role of Estradiol. <i>Frontiers in Endocrinology</i> , 2021, 12, 682012. | 3.5 | 75 |
| 39 | Extracellular Vesicles and Pancreatic Cancer: Insights on the Roles of miRNA, lncRNA, and Protein Cargos in Cancer Progression. <i>Cells</i> , 2021, 10, 1361. | 4.1 | 17 |
| 40 | Determinants of cardiac structure in frail and sarcopenic elderly adults. <i>Experimental Gerontology</i> , 2021, 150, 111351. | 2.8 | 4 |
| 41 | Lack of energy is associated with malnutrition in nursing home residents: Results from the <scp>INCUR</scp> study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3242-3248. | 2.6 | 8 |
| 42 | Acute Effects of Low- and High-Speed Resistance Exercise on Cognitive Function in Frail Older Nursing-Home Residents: A Randomized Crossover Study. <i>Journal of Aging Research</i> , 2021, 2021, 1-10. | 0.9 | 5 |
| 43 | Prevalence and Predictors of Persistence of COVID-19 Symptoms in Older Adults: A Single-Center Study. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1840-1844. | 2.5 | 50 |
| 44 | Sarcopenia and SARC-F: "Perfect is the Enemy of Good". <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1862-1863. | 2.5 | 5 |
| 45 | Mitophagy: At the heart of mitochondrial quality control in cardiac aging and frailty. <i>Experimental Gerontology</i> , 2021, 153, 111508. | 2.8 | 6 |
| 46 | Protein Intake and Cognitive Function in Older Adults: A Systematic Review and Meta-Analysis. <i>Nutrition and Metabolic Insights</i> , 2021, 14, 117863882110223. | 1.9 | 12 |
| 47 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overclock 10 Tf 50,342</i> | 9.1 | 1,430 |
| 48 | Mitochondrial Dysfunction, Protein Misfolding and Neuroinflammation in Parkinson's Disease: Roads to Biomarker Discovery. <i>Biomolecules</i> , 2021, 11, 1508. | 4.0 | 59 |
| 49 | "Say ninety-nine": It's never too late to recover from COVID-19. <i>Journal of Frailty & Aging</i> , 2021, 10, 1-2. | 1.3 | 2 |
| 50 | Anorexia of Aging. , 2021, , 467-473. | | 0 |
| 51 | SARCOPENIA IN PRIMARY CARE: SCREENING, DIAGNOSIS, MANAGEMENT. <i>Journal of Frailty & Aging</i> , 2021, 10, 226-232. | 1.3 | 8 |
| 52 | Serum interleukin-6 and endotoxin levels and their relationship with fatigue and depressive symptoms in patients on chronic haemodialysis. <i>Cytokine</i> , 2020, 125, 154823. | 3.2 | 22 |
| 53 | Gut Microbial, Inflammatory and Metabolic Signatures in Older People with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , 2020, 12, 65. | 4.1 | 98 |
| 54 | Relationship between pulmonary function and physical performance among community-dwelling people: results from LookUP 7+ study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 38-45. | 7.3 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | The “Metabolic biomarkers of frailty in older people with type 2 diabetes mellitus” (MetaboFrail) study: Rationale, design and methods. <i>Experimental Gerontology</i> , 2020, 129, 110782. | 2.8 | 8 |
| 56 | Circulating Mitochondrial-Derived Vesicles, Inflammatory Biomarkers and Amino Acids in Older Adults With Physical Frailty and Sarcopenia: A Preliminary BIOSPHERE Multi-Marker Study Using Sequential and Orthogonalized Covariance Selection “ Linear Discriminant Analysis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 564417. | 3.7 | 27 |
| 57 | Protein Intake and Frailty: A Matter of Quantity, Quality, and Timing. <i>Nutrients</i> , 2020, 12, 2915. | 4.1 | 79 |
| 58 | <p>Preserving Mobility in Older Adults with Physical Frailty and Sarcopenia: Opportunities, Challenges, and Recommendations for Physical Activity Interventions</p>. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 1675-1690. | 2.9 | 100 |
| 59 | Peridialytic serum cytokine levels and their relationship with postdialysis fatigue and recovery in patients on chronic haemodialysis “ A preliminary study. <i>Cytokine</i> , 2020, 135, 155223. | 3.2 | 10 |
| 60 | 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 |
| 61 | Role of Age-Related Mitochondrial Dysfunction in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5236. | 4.1 | 75 |
| 62 | A Specific Urinary Amino Acid Profile Characterizes People with Kidney Stones. <i>Disease Markers</i> , 2020, 2020, 1-7. | 1.3 | 8 |
| 63 | Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 647. | 5.1 | 159 |
| 64 | Biomarkers of Physical Frailty and Sarcopenia: Coming up to the Place?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5635. | 4.1 | 50 |
| 65 | Can the FUT2 Non-secretor Phenotype Associated With Gut Microbiota Increase the Children Susceptibility for Type 1 Diabetes? A Mini Review. <i>Frontiers in Nutrition</i> , 2020, 7, 606171. | 3.7 | 15 |
| 66 | Fourier-Transform Infrared Spectroscopy of Skeletal Muscle Tissue: Expanding Biomarkers in Primary Mitochondrial Myopathies. <i>Genes</i> , 2020, 11, 1522. | 2.4 | 5 |
| 67 | Extracellular Vesicles and Damage-Associated Molecular Patterns: A Pandora’s Box in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 601740. | 4.8 | 32 |
| 68 | Normative values of muscle strength across ages in a “real world” population: results from the longevity checkup 7+ project. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1562-1569. | 7.3 | 51 |
| 69 | Effects of Combined Resistance and Power Training on Cognitive Function in Older Women: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3435. | 2.6 | 22 |
| 70 | Generation and Release of Mitochondrial-Derived Vesicles in Health, Aging and Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1440. | 2.4 | 54 |
| 71 | A novel multi-marker discovery approach identifies new serum biomarkers for Parkinson’s disease in older people: an EXosomes in PArkinson Disease (EXPAND) ancillary study. <i>GeroScience</i> , 2020, 42, 1323-1334. | 4.6 | 32 |
| 72 | Plasma Therapies and Parabiosis in the COVID-19 Era. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 994-995. | 2.5 | 2 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Association between Dietary Habits and Physical Function in Brazilian and Italian Older Women. <i>Nutrients</i> , 2020, 12, 1635. | 4.1 | 16 |
| 74 | Post-COVID-19 global health strategies: the need for an interdisciplinary approach. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1613-1620. | 2.9 | 167 |
| 75 | Inter-Organellar Membrane Contact Sites and Mitochondrial Quality Control during Aging: A Geroscience View. <i>Cells</i> , 2020, 9, 598. | 4.1 | 23 |
| 76 | Thirst in patients on chronic hemodialysis: What do we know so far?. <i>International Urology and Nephrology</i> , 2020, 52, 697-711. | 1.4 | 15 |
| 77 | Mitochondrial Signatures in Circulating Extracellular Vesicles of Older Adults with Parkinson's Disease: Results from the EXosomes in Parkinson's Disease (EXPAND) Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 504. | 2.4 | 80 |
| 78 | Protein-Related Dietary Parameters and Frailty Status in Older Community-Dwellers across Different Frailty Instruments. <i>Nutrients</i> , 2020, 12, 508. | 4.1 | 30 |
| 79 | Biomarkers of frailty: Moving the field forward. <i>Experimental Gerontology</i> , 2020, 133, 110868. | 2.8 | 7 |
| 80 | Nutritional Status as a Mediator of Fatigue and Its Underlying Mechanisms in Older People. <i>Nutrients</i> , 2020, 12, 444. | 4.1 | 39 |
| 81 | Identification of a Circulating Amino Acid Signature in Frail Older Persons with Type 2 Diabetes Mellitus: Results from the Metabofrail Study. <i>Nutrients</i> , 2020, 12, 199. | 4.1 | 30 |
| 82 | PREVALENCE OF PREFRAILITY AND FRAILITY IN SOUTH AMERICA: A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES. <i>Journal of Frailty & Aging</i> , 2020, 9, 1-17. | 1.3 | 18 |
| 83 | Are Health Behaviors and Self-Rated Health Related to Cardiovascular Health and Functional Performance? Results from the Lookup 7+ Cross-Sectional Survey among Persons Aged 65+. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 379-387. | 3.3 | 4 |
| 84 | Older Adults with Physical Frailty and Sarcopenia Show Increased Levels of Circulating Small Extracellular Vesicles with a Specific Mitochondrial Signature. <i>Cells</i> , 2020, 9, 973. | 4.1 | 44 |
| 85 | The development of metabolic and functional markers of Dementia IN Older people (ODINO) Study: Rationale, Design and Methods. <i>Journal of Personalized Medicine</i> , 2020, 10, 22. | 2.5 | 4 |
| 86 | Sarcopenia Identified According to the EWGSOP2 Definition in Community-Living People: Prevalence and Clinical Features. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1470-1474. | 2.5 | 15 |
| 87 | Musculoskeletal Aging, Sarcopenia, and Cancer. , 2020, , 269-285. | | 0 |
| 88 | A Novel Multi-marker Discovery Approach Identifies New Biomarkers for Parkinson's Disease in Older People: an EXosomes in Parkinson Disease (EXPAND) Ancillary Study. <i>FASEB Journal</i> , 2020, 34, 1-1. | 0.5 | 1 |
| 89 | The metabolomics side of frailty: Toward personalized medicine for the aged. <i>Experimental Gerontology</i> , 2019, 126, 110692. | 2.8 | 32 |
| 90 | Circulating amino acid signature in older people with Parkinson's disease: A metabolic complement to the EXosomes in Parkinson Disease (EXPAND) study. <i>Experimental Gerontology</i> , 2019, 128, 110766. | 2.8 | 32 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | If my muscle could talk: Myokines as a biomarker of frailty. <i>Experimental Gerontology</i> , 2019, 127, 110715. | 2.8 | 43 |
| 92 | In reply to "Small, however significant differences in the definition of physical frailty and sarcopenia". <i>European Journal of Internal Medicine</i> , 2019, 61, e10-e11. | 2.2 | 2 |
| 93 | Sarcopenia-related parameters in adults with Down syndrome: A cross-sectional exploratory study. <i>Experimental Gerontology</i> , 2019, 119, 93-99. | 2.8 | 21 |
| 94 | Influence of Diets with Varying Essential/Nonessential Amino Acid Ratios on Mouse Lifespan. <i>Nutrients</i> , 2019, 11, 1367. | 4.1 | 22 |
| 95 | Differences in Liver TFAM Binding to mtDNA and mtDNA Damage between Aged and Extremely Aged Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2601. | 4.1 | 17 |
| 96 | Treating symptoms to improve the quality of life in patients on chronic hemodialysis. <i>International Urology and Nephrology</i> , 2019, 51, 885-887. | 1.4 | 14 |
| 97 | High relative consumption of vegetable protein is associated with faster walking speed in well-functioning older adults. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 837-844. | 2.9 | 24 |
| 98 | Inflammatory signatures in older persons with physical frailty and sarcopenia: The frailty "cytokinome" at its core. <i>Experimental Gerontology</i> , 2019, 122, 129-138. | 2.8 | 83 |
| 99 | Mitochondrial-Derived Vesicles as Candidate Biomarkers in Parkinson's Disease: Rationale, Design and Methods of the EXosomes in Parkinson Disease (EXPAND) Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2373. | 4.1 | 72 |
| 100 | Effectiveness of a multimodal intervention in functionally impaired older people with type 2 diabetes mellitus. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 721-733. | 7.3 | 98 |
| 101 | Mitochondrial Dysfunction and Aging: Insights from the Analysis of Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 805. | 4.1 | 125 |
| 102 | Effects of a New Combination of Medical Food on Endothelial Function and Lipid Profile in Dyslipidemic Subjects: A Pilot Randomized Trial. <i>BioMed Research International</i> , 2019, 2019, 1-7. | 1.9 | 11 |
| 103 | Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. <i>Cells</i> , 2019, 8, 1525. | 4.1 | 39 |
| 104 | Targeting mitochondrial quality control for treating sarcopenia: lessons from physical exercise. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 153-160. | 3.4 | 24 |
| 105 | Musculoskeletal aging, sarcopenia and cancer. <i>Journal of Geriatric Oncology</i> , 2019, 10, 504-509. | 1.0 | 38 |
| 106 | Beta-hydroxy-beta-methylbutyrate and sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 37-43. | 2.5 | 24 |
| 107 | Cow's Milk Consumption and Health: A Health Professional's Guide. <i>Journal of the American College of Nutrition</i> , 2019, 38, 197-208. | 1.8 | 77 |
| 108 | Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2019, 69, 107-120. | 7.3 | 433 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Anorexia of Aging. , 2019, , 1-7. | | 0 |
| 110 | Update on mitochondria and muscle aging: all wrong roads lead to sarcopenia. Biological Chemistry, 2018, 399, 421-436. | 2.5 | 79 |
| 111 | Age-related changes of skeletal muscle mass and strength among Italian and Taiwanese older people: Results from the Milan EXPO 2015 survey and the I-Lan Longitudinal Aging Study. Experimental Gerontology, 2018, 102, 76-80. | 2.8 | 49 |
| 112 | Can Muscle Strength Be Considered a Composite Biomarker of Sarcopenia?. Journal of the American Medical Directors Association, 2018, 19, 373-374. | 2.5 | 4 |
| 113 | Consensus paper on the executive summary of the international conference on Mediterranean diet and health: a lifelong approach—an Italian initiative supported by the Mediterranean Diet Foundation and the Menarini Foundation. Nutrition, 2018, 51-52, 38-45. | 2.4 | 16 |
| 114 | Cardiovascular health metrics, muscle mass and function among Italian community-dwellers: the Lookup 7+ project. European Journal of Public Health, 2018, 28, 766-772. | 0.3 | 23 |
| 115 | Circulating Mitochondrial DNA at the Crossroads of Mitochondrial Dysfunction and Inflammation During Aging and Muscle Wasting Disorders. Rejuvenation Research, 2018, 21, 350-359. | 1.8 | 104 |
| 116 | Relationship between cardiovascular health metrics and physical performance in community-living people: Results from the Longevity check-up (Lookup) 7+ project. Scientific Reports, 2018, 8, 16353. | 3.3 | 21 |
| 117 | A Distinct Pattern of Circulating Amino Acids Characterizes Older Persons with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. Nutrients, 2018, 10, 1691. | 4.1 | 82 |
| 118 | Administration of Enalapril Started Late in Life Attenuates Hypertrophy and Oxidative Stress Burden, Increases Mitochondrial Mass, and Modulates Mitochondrial Quality Control Signaling in the Rat Heart. Biomolecules, 2018, 8, 177. | 4.0 | 15 |
| 119 | Body Mass Index is Strongly Associated with Hypertension: Results from the Longevity Check-up 7+ Study. Nutrients, 2018, 10, 1976. | 4.1 | 95 |
| 120 | The Sarcopenia and Physical Frailty in older people: multi-component Treatment strategies (SPRINTT) randomized controlled trial: Case finding, screening and characteristics of eligible participants. Experimental Gerontology, 2018, 113, 48-57. | 2.8 | 61 |
| 121 | Influence of hepatitis C virus eradication with direct-acting antivirals on the gut microbiota in patients with cirrhosis. Alimentary Pharmacology and Therapeutics, 2018, 48, 1301-1311. | 3.7 | 63 |
| 122 | Protein-Amino Acid Metabolism Disarrangements: The Hidden Enemy of Chronic Age-Related Conditions. Nutrients, 2018, 10, 391. | 4.1 | 43 |
| 123 | Prevalence of dyslipidaemia and awareness of blood cholesterol levels among community-living people: results from the Longevity check-up 7+ (Lookup 7+) cross-sectional survey. BMJ Open, 2018, 8, e021627. | 1.9 | 10 |
| 124 | Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. Mediators of Inflammation, 2018, 2018, 1-15. | 3.0 | 104 |
| 125 | Increased TFAM binding to mtDNA damage hot spots is associated with mtDNA loss in aged rat heart. Free Radical Biology and Medicine, 2018, 124, 447-453. | 2.9 | 33 |
| 126 | Editorial: Protein and Sarcopenia: Experimental Data and Clinical Evidence. Current Protein and Peptide Science, 2018, 19, 632-632. | 1.4 | 11 |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018, 5, 53. | 2.6 | 71 |
| 128 | Body Weight Loss and Tissue Wasting in Late Middle-Aged Mice on Slightly Imbalanced Essential/Non-essential Amino Acids Diet. <i>Frontiers in Medicine</i> , 2018, 5, 136. | 2.6 | 12 |
| 129 | Prevalence and Severity of Postdialysis Fatigue Are Higher in Patients on Chronic Hemodialysis With Functional Disability. <i>Therapeutic Apheresis and Dialysis</i> , 2018, 22, 635-640. | 0.9 | 19 |
| 130 | The "BIOmarkers associated with Sarcopenia and PHysical frailty in EldeRly pErsons" (BIOSPHERE) study: Rationale, design and methods. <i>European Journal of Internal Medicine</i> , 2018, 56, 19-25. | 2.2 | 45 |
| 131 | Impact of habitual physical activity and type of exercise on physical performance across ages in community-living people. <i>PLoS ONE</i> , 2018, 13, e0191820. | 2.5 | 48 |
| 132 | Bone-Muscle Crosstalk: Unraveling New Therapeutic Targets for Osteoporosis. <i>Current Pharmaceutical Design</i> , 2018, 23, 6256-6263. | 1.9 | 17 |
| 133 | Biomarkers for Sarcopenia: Reductionism vs. Complexity. <i>Current Protein and Peptide Science</i> , 2018, 19, 639-642. | 1.4 | 17 |
| 134 | Sarcopenia: An Overview on Current Definitions, Diagnosis and Treatment. <i>Current Protein and Peptide Science</i> , 2018, 19, 633-638. | 1.4 | 104 |
| 135 | Musculoskeletal Aging, Sarcopenia, and Cancer. , 2018, , 1-18. | | 0 |
| 136 | Mitochondrial DNA Damage And Impaired Iron Homeostasis In Muscle Aging. <i>FASEB Journal</i> , 2018, 32, lb4. | 0.5 | 0 |
| 137 | Specific Profiles Of Circulating Mediators Characterize Older Persons With Physical Frailty And Sarcopenia. <i>FASEB Journal</i> , 2018, 32, lb167. | 0.5 | 0 |
| 138 | The "Sarcopenia and Physical fRailty IN older people: multi-component Treatment strategies" (SPRINTT) randomized controlled trial: design and methods. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 89-100. | 2.9 | 131 |
| 139 | Biomarkers for physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 29-34. | 2.9 | 60 |
| 140 | Rationale for a preliminary operational definition of physical frailty and sarcopenia in the SPRINTT trial. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 81-88. | 2.9 | 85 |
| 141 | Sarcopenia: an overview. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 11-17. | 2.9 | 315 |
| 142 | The association between sarcopenia and functional outcomes among older patients with hip fracture undergoing in-hospital rehabilitation. <i>Osteoporosis International</i> , 2017, 28, 1569-1576. | 3.1 | 88 |
| 143 | The need of operational paradigms for frailty in older persons: the SPRINTT project. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 3-10. | 2.9 | 32 |
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