

Riccardo Calvani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/225669/publications.pdf>

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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	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
3	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
4	Sarcopenia: an overview. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 11-17.	2.9	315
5	Anorexia of Aging: Risk Factors, Consequences, and Potential Treatments. <i>Nutrients</i> , 2016, 8, 69.	4.1	309
6	Frailty in Older Persons. <i>Clinics in Geriatric Medicine</i> , 2017, 33, 293-303.	2.6	272
7	Mitochondrial pathways in sarcopenia of aging and disuse muscle atrophy. <i>Biological Chemistry</i> , 2013, 394, 393-414.	2.5	246
8	Physical activity and exercise as countermeasures to physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 35-42.	2.9	243
9	Measurement of muscle mass in sarcopenia: from imaging to biochemical markers. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 19-27.	2.9	221
10	Biomarkers for physical frailty and sarcopenia: state of the science and future developments. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 278-286.	7.3	212
11	Gut microbiome-derived metabolites characterize a peculiar obese urinary metabotype. <i>International Journal of Obesity</i> , 2010, 34, 1095-1098.	3.4	206
12	Contribution of Impaired Mitochondrial Autophagy to Cardiac Aging. <i>Circulation Research</i> , 2012, 110, 1125-1138.	4.5	202
13	Sarcopenia as the Biological Substrate of Physical Frailty. <i>Clinics in Geriatric Medicine</i> , 2015, 31, 367-374.	2.6	197
14	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
15	Role of mitochondrial dysfunction and altered autophagy in cardiovascular aging and disease: from mechanisms to therapeutics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H459-H476.	3.2	163
16	Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 647.	5.1	159
17	Protein Intake and Muscle Health in Old Age: From Biological Plausibility to Clinical Evidence. <i>Nutrients</i> , 2016, 8, 295.	4.1	155
18	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

#	ARTICLE	IF	CITATIONS
19	Apoptosis in Skeletal Myocytes: A Potential Target for Interventions against Sarcopenia and Physical Frailty – A Mini-Review. <i>Gerontology</i> , 2012, 58, 99-106.	2.8	127
20	Fueling Inflamm-Aging through Mitochondrial Dysfunction: Mechanisms and Molecular Targets. <i>International Journal of Molecular Sciences</i> , 2017, 18, 933.	4.1	127
21	Mitochondrial Dysfunction and Aging: Insights from the Analysis of Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 805.	4.1	125
22	Circulating Mitochondrial DNA at the Crossroads of Mitochondrial Dysfunction and Inflammation During Aging and Muscle Wasting Disorders. <i>Rejuvenation Research</i> , 2018, 21, 350-359.	1.8	104
23	Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. <i>Mediators of Inflammation</i> , 2018, 2018, 1-15.	3.0	104
24	Sarcopenia: An Overview on Current Definitions, Diagnosis and Treatment. <i>Current Protein and Peptide Science</i> , 2018, 19, 633-638.	1.4	104
25	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
26	<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
27	Age-Related Variations of Muscle Mass, Strength, and Physical Performance in Community-Dwellers: Results From the Milan EXPO Survey. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 88.e17-88.e24.	2.5	98
28	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
29	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
30	Body Mass Index is Strongly Associated with Hypertension: Results from the Longevity Check-up 7+ Study. <i>Nutrients</i> , 2018, 10, 1976.	4.1	95
31	Exercise and Protein Intake: A Synergistic Approach against Sarcopenia. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	94
32	Current nutritional recommendations and novel dietary strategies to manage sarcopenia. <i>Journal of Frailty & Aging</i> , 2013, 2, 38-53.	1.3	94
33	Multicomponent intervention to prevent mobility disability in frail older adults: randomised controlled trial (SPRINTT project). <i>BMJ</i> , 2022, 377, e068788.	6.0	90
34	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
35	Cell Death and Inflammation: The Role of Mitochondria in Health and Disease. <i>Cells</i> , 2021, 10, 537.	4.1	86
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	A Distinct Pattern of Circulating Amino Acids Characterizes Older Persons with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , 2018, 10, 1691.	4.1	82
39	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
40	Update on mitochondria and muscle aging: all wrong roads lead to sarcopenia. <i>Biological Chemistry</i> , 2018, 399, 421-436.	2.5	79
41	Protein Intake and Frailty: A Matter of Quantity, Quality, and Timing. <i>Nutrients</i> , 2020, 12, 2915.	4.1	79
42	The interplay between autophagy and mitochondrial dysfunction in oxidative stress-induced cardiac aging and pathology. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 71, 62-70.	1.9	78
43	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
44	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
45	Impact of physical function impairment and multimorbidity on mortality among community-living older persons with sarcopenia: results from the SIRENTE prospective cohort study. <i>BMJ Open</i> , 2016, 6, e008281.	1.9	75
46	Role of Age-Related Mitochondrial Dysfunction in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5236.	4.1	75
47	Sarcopenia and Menopause: The Role of Estradiol. <i>Frontiers in Endocrinology</i> , 2021, 12, 682012.	3.5	75
48	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
49	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018, 5, 53.	2.6	71
50	High-fat feeding stimulates endocrine, glucose-dependent insulinotropic polypeptide (GIP)-expressing cell hyperplasia in the duodenum of Wistar rats. <i>Diabetologia</i> , 2010, 53, 2233-2240.	6.3	70
51	Influence of hepatitis C virus eradication with direct-acting antivirals on the gut microbiota in patients with cirrhosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 48, 1301-1311.	3.7	63
52	Fecal and urinary NMR-based metabolomics unveil an aging signature in mice. <i>Experimental Gerontology</i> , 2014, 49, 5-11.	2.8	62
53	The Sarcopenia and Physical Frailty in older people: multi-component Treatment strategies (SPRINT) randomized controlled trial: Case finding, screening and characteristics of eligible participants. <i>Experimental Gerontology</i> , 2018, 113, 48-57.	2.8	61
54	Treating Sarcopenia in Older and Oldest Old. <i>Current Pharmaceutical Design</i> , 2015, 21, 1715-1722.	1.9	61

#	ARTICLE	IF	CITATIONS
55	Biomarkers for physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 29-34.	2.9	60
56	Mitochondrial Dysfunction, Protein Misfolding and Neuroinflammation in Parkinson's Disease: Roads to Biomarker Discovery. <i>Biomolecules</i> , 2021, 11, 1508.	4.0	59
57	Anorexia of Aging. <i>Clinics in Geriatric Medicine</i> , 2017, 33, 315-323.	2.6	57
58	Serum levels of C-terminal agrin fragment (CAF) are associated with sarcopenia in older hip fractured patients. <i>Experimental Gerontology</i> , 2014, 60, 79-82.	2.8	56
59	Experimental colitis: decreased Octn2 and Atb0+ expression in rat colonocytes induces carnitine depletion that is reversible by carnitine-loaded liposomes. <i>FASEB Journal</i> , 2006, 20, 2544-2546.	0.5	54
60	Generation and Release of Mitochondrial-Derived Vesicles in Health, Aging and Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1440.	2.4	54
61	Altered mitochondrial quality control signaling in muscle of old gastric cancer patients with cachexia. <i>Experimental Gerontology</i> , 2017, 87, 92-99.	2.8	52
62	Serum levels of C-terminal agrin fragment (CAF) are associated with sarcopenia in older multimorbid community-dwellers: Results from the iSIRENTE study. <i>Experimental Gerontology</i> , 2016, 79, 31-36.	2.8	51
63	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
64	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021, 41, 1320-1334.	3.9	51
65	Biomarkers of Physical Frailty and Sarcopenia: Coming up to the Place?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5635.	4.1	50
66	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
67	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. <i>Experimental Gerontology</i> , 2018, 102, 76-80.	2.8	49
68	Sarcopenia in heart failure: mechanisms and therapeutic strategies. <i>Journal of Geriatric Cardiology</i> , 2016, 13, 615-24.	0.2	49
69	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
70	Association between myocyte quality control signaling and sarcopenia in old hip-fractured patients: Results from the Sarcopenia in Hip Fracture (SHIFT) exploratory study. <i>Experimental Gerontology</i> , 2016, 80, 1-5.	2.8	47
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Effects of treadmill exercise and training frequency on anabolic signaling pathways in the skeletal muscle of aged rats. <i>Experimental Gerontology</i> , 2012, 47, 23-28.	2.8	44
74	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
75	Pre-Hospital Dietary Intake Correlates with Muscle Mass at the Time of Fracture in Older Hip-Fractured Patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 269.	3.4	43
76	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
77	Protein-Amino Acid Metabolism Disarrangements: The Hidden Enemy of Chronic Age-Related Conditions. <i>Nutrients</i> , 2018, 10, 391.	4.1	43
78	If my muscle could talk: Myokines as a biomarker of frailty. <i>Experimental Gerontology</i> , 2019, 127, 110715.	2.8	43
79	Innovative Medicines Initiative: The SPRINTT Project. <i>Journal of Frailty & Aging,the</i> , 2015, 4, 207-208.	1.3	42
80	Animal-derived protein consumption is associated with muscle mass and strength in community-dwellers: Results from the Milan Expo survey. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 1050-1056.	3.3	40
81	Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. <i>Cells</i> , 2019, 8, 1525.	4.1	39
82	Nutritional Status as a Mediator of Fatigue and Its Underlying Mechanisms in Older People. <i>Nutrients</i> , 2020, 12, 444.	4.1	39
83	Musculoskeletal aging, sarcopenia and cancer. <i>Journal of Geriatric Oncology</i> , 2019, 10, 504-509.	1.0	38
84	Physical Functional Assessment in Older Adults. <i>Journal of Frailty & Aging,the</i> , 2021, 10, 1-9.	1.3	37
85	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
86	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
87	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
88	Increased TFAM binding to mtDNA damage hot spots is associated with mtDNA loss in aged rat heart. <i>Free Radical Biology and Medicine</i> , 2018, 124, 447-453.	2.9	33
89	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
90	The metabolomics side of frailty: Toward personalized medicine for the aged. <i>Experimental Gerontology</i> , 2019, 126, 110692.	2.8	32

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	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
94	Protein-Related Dietary Parameters and Frailty Status in Older Community-Dwellers across Different Frailty Instruments. <i>Nutrients</i> , 2020, 12, 508.	4.1	30
95	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
96	Sarcopenia Risk Screening Tool: A New Strategy for Clinical Practice. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 613-614.	2.5	29
97	Dietary supplementation with acetyl-L-carnitine counteracts age-related alterations of mitochondrial biogenesis, dynamics and antioxidant defenses in brain of old rats. <i>Experimental Gerontology</i> , 2017, 98, 99-109.	2.8	28
98	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
99	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
100	Mitochondrial dynamics signaling is shifted toward fusion in muscles of very old hip-fractured patients: Results from the Sarcopenia in Hip Fracture (SHIFT) exploratory study. <i>Experimental Gerontology</i> , 2017, 96, 63-67.	2.8	27
101	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
102	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
103	Sarcopenia and frailty: From theoretical approach into clinical practice. <i>European Geriatric Medicine</i> , 2016, 7, 197-200.	2.8	26
104	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
105	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
106	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
107	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
108	Beta-hydroxy-beta-methylbutyrate and sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 37-43.	2.5	24

#	ARTICLE	IF	CITATIONS
109	Brand New Medicine for an Older Society. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 558-559.	2.5	23
110	Cardiovascular health metrics, muscle mass and function among Italian community-dwellers: the Lookup 7+ project. <i>European Journal of Public Health</i> , 2018, 28, 766-772.	0.3	23
111	Inter-Organellar Membrane Contact Sites and Mitochondrial Quality Control during Aging: A Geroscience View. <i>Cells</i> , 2020, 9, 598.	4.1	23
112	Influence of Diets with Varying Essential/Nonessential Amino Acid Ratios on Mouse Lifespan. <i>Nutrients</i> , 2019, 11, 1367.	4.1	22
113	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
114	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
115	Frailty, Physical Frailty, Sarcopenia: A New Conceptual Model. <i>Studies in Health Technology and Informatics</i> , 2014, 203, 78-84.	0.3	22
116	Relationship between cardiovascular health metrics and physical performance in community-living people: Results from the Longevity check-up (Lookup) 7+ project. <i>Scientific Reports</i> , 2018, 8, 16353.	3.3	21
117	Sarcopenia-related parameters in adults with Down syndrome: A cross-sectional exploratory study. <i>Experimental Gerontology</i> , 2019, 119, 93-99.	2.8	21
118	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
119	Molecular Mechanism and Pathogenesis of Sarcopenia: An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3032.	4.1	21
120	Application of NMR-based Metabolomics to the Study of Gut Microbiota in Obesity. <i>Journal of Clinical Gastroenterology</i> , 2014, 48, S5-S7.	2.2	20
121	Circulating extracellular vesicles: friends and foes in neurodegeneration. <i>Neural Regeneration Research</i> , 2022, 17, 534.	3.0	20
122	Nutraceuticals and Dietary Supplements for Older Adults with Long COVID-19. <i>Clinics in Geriatric Medicine</i> , 2022, 38, 565-591.	2.6	20
123	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
124	The Role of Artificial Intelligence in Managing Multimorbidity and Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 314.	2.5	19
125	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
126	PREVALENCE OF PREFRAILTY AND FRAILTY IN SOUTH AMERICA: A SYSTEMATIC REVIEW OF OBSERVATIONAL STUDIES. <i>Journal of Frailty & Aging</i> , 2020, 9, 1-17.	1.3	18

#	ARTICLE	IF	CITATIONS
127	Molecular mechanisms of diabetes reversibility after bariatric surgery. <i>International Journal of Obesity</i> , 2007, 31, 1429-1436.	3.4	17
128	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
129	Relationship between pulmonary function and physical performance among community-living people: results from LookUP 7+ study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 38-45.	7.3	17
130	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
131	Bone-Muscle Crosstalk: Unraveling New Therapeutic Targets for Osteoporosis. <i>Current Pharmaceutical Design</i> , 2018, 23, 6256-6263.	1.9	17
132	Biomarkers for Sarcopenia: Reductionism vs. Complexity. <i>Current Protein and Peptide Science</i> , 2018, 19, 639-642.	1.4	17
133	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. <i>Nutrition</i> , 2018, 51-52, 38-45.	2.4	16
134	Association between Dietary Habits and Physical Function in Brazilian and Italian Older Women. <i>Nutrients</i> , 2020, 12, 1635.	4.1	16
135	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
136	High saturated-fat diet induces apoptosis in rat enterocytes and blunts GIP and insulin-secretive response to oral glucose load. <i>International Journal of Obesity</i> , 2008, 32, 871-874.	3.4	15
137	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. <i>Biomolecules</i> , 2018, 8, 177.	4.0	15
138	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
139	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
140	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
141	Brown Adipose Tissue and the Cold War Against Obesity. <i>Diabetes</i> , 2014, 63, 3998-4000.	0.6	14
142	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
143	Inflammaging at the Time of COVID-19. <i>Clinics in Geriatric Medicine</i> , 2022, 38, 473-481.	2.6	14
144	Diet enrichment with a specific essential free amino acid mixture improves healing of undressed wounds in aged rats. <i>Experimental Gerontology</i> , 2017, 96, 138-145.	2.8	13

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	Molecular routes to sarcopenia and biomarker development: per aspera ad astra. <i>Current Opinion in Pharmacology</i> , 2021, 57, 140-147.	3.5	12
148	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
149	Genetic variants associated with physical performance and anthropometry in old age: a genome-wide association study in the iSIRENTE cohort. <i>Scientific Reports</i> , 2017, 7, 15879.	3.3	11
150	Editorial: Protein and Sarcopenia: Experimental Data and Clinical Evidence. <i>Current Protein and Peptide Science</i> , 2018, 19, 632-632.	1.4	11
151	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
152	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. <i>BMJ Open</i> , 2018, 8, e021627.	1.9	10
153	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
154	Mitochondrial-derived vesicles in skeletal muscle remodeling and adaptation. <i>Seminars in Cell and Developmental Biology</i> , 2023, 143, 37-45.	5.0	10
155	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
156	Determination of asymmetric dimethyl arginine in human serum by liquid chromatography-tandem mass spectrometry: clinical application in hypertensive subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 2109-15.	2.3	9
157	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
158	A Specific Urinary Amino Acid Profile Characterizes People with Kidney Stones. <i>Disease Markers</i> , 2020, 2020, 1-7.	1.3	8
159	Lack of energy is associated with malnutrition in nursing home residents: Results from the INCUR study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 3242-3248.	2.6	8
160	SARCOPENIA IN PRIMARY CARE: SCREENING, DIAGNOSIS, MANAGEMENT. <i>Journal of Frailty & Aging</i> , 2021, 10, 226-232.	1.3	8
161	Biomarkers of frailty: Moving the field forward. <i>Experimental Gerontology</i> , 2020, 133, 110868.	2.8	7
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	Integrated control of brown adipose tissue. <i>Heart and Metabolism</i> , 2016, 69, 9-14.	2.0	7
165	Mitophagy: At the heart of mitochondrial quality control in cardiac aging and frailty. <i>Experimental Gerontology</i> , 2021, 153, 111508.	2.8	6
166	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
167	Circulating Mitochondrial DNA and Inter-Organelle Contact Sites in Aging and Associated Conditions. <i>Cells</i> , 2022, 11, 675.	4.1	6
168	Age-Associated Glia Remodeling and Mitochondrial Dysfunction in Neurodegeneration: Antioxidant Supplementation as a Possible Intervention. <i>Nutrients</i> , 2022, 14, 2406.	4.1	6
169	Fourier-Transform Infrared Spectroscopy of Skeletal Muscle Tissue: Expanding Biomarkers in Primary Mitochondrial Myopathies. <i>Genes</i> , 2020, 11, 1522.	2.4	5
170	On Schrödinger's Cat and Evaluation of Trials Disrupted by the Covid19 Pandemic: A Critical Appraisal. <i>Journal of Frailty & Aging</i> , 2021, 10, 1-3.	1.3	5
171	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
172	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
173	COVID-19 atypical Parsonage-Turner syndrome: a case report. <i>BMC Neurology</i> , 2022, 22, 96.	1.8	5
174	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
175	Can Muscle Strength Be Considered a Composite Biomarker of Sarcopenia?. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 373-374.	2.5	4
176	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
177	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
178	Determinants of cardiac structure in frail and sarcopenic elderly adults. <i>Experimental Gerontology</i> , 2021, 150, 111351.	2.8	4
179	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
180	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

#	ARTICLE	IF	CITATIONS
181	The Management of Frailty: Barking Up the Wrong Tree. Journal of Frailty & Aging, the, 2022, 11, 127-128.	1.3	3
182	In reply to "Small, however significant differences in the definition of physical frailty and sarcopenia" European Journal of Internal Medicine, 2019, 61, e10-e11.	2.2	2
183	Plasma Therapies and Parabiosis in the COVID-19 Era. Journal of the American Medical Directors Association, 2020, 21, 994-995.	2.5	2
184	"Say ninety-nine" It's never too late to recover from COVID-19. Journal of Frailty & Aging, the, 2021, 10, 1-2.	1.3	2
185	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. Experimental Gerontology, 2022, 163, 111775.	2.8	2
186	Nutritional Strategies Against Sarcopenia of Aging. , 2015, , 231-238.		1
187	A Novel Multi-marker Discovery Approach Identifies New Biomarkers for Parkinson's Disease in Older People: an EXosomes in PARKinson Disease (EXPAND) Ancillary Study. FASEB Journal, 2020, 34, 1-1.	0.5	1
188	Self-reported difficulty in walking 400 meters: the "red flag" for probable sarcopenia. BMC Geriatrics, 2022, 22, .	2.7	1
189	Diet and Aging. , 2013, , 109-120.		0
190	Role of Impaired Mitochondrial Autophagy in Cardiac Aging. , 2014, , 253-265.		0
191	The Aging Muscle and Sarcopenia. , 2016, , 355-361.		0
192	Where Is the Geriatrician?. JAMA Internal Medicine, 2017, 177, 441.	5.1	0
193	Musculoskeletal Aging, Sarcopenia, and Cancer. , 2018, , 1-18.		0
194	Mitochondrial DNA Damage And Impaired Iron Homeostasis In Muscle Aging. FASEB Journal, 2018, 32, 1b4.	0.5	0
195	Specific Profiles Of Circulating Mediators Characterize Older Persons With Physical Frailty And Sarcopenia. FASEB Journal, 2018, 32, 1b167.	0.5	0
196	Anorexia of Aging. , 2019, , 1-7.		0
197	Musculoskeletal Aging, Sarcopenia, and Cancer. , 2020, , 269-285.		0
198	Anorexia of Aging. , 2021, , 467-473.		0

#	ARTICLE	IF	CITATIONS
199	Translation of Research on Sarcopenia Into Clinical Practice. Journal of the American Medical Directors Association, 2022, 23, 705-706.	2.5	0