

Riccardo Calvani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182
papers

6,477
citations

43
h-index

75
g-index

207
ext. papers

9,189
ext. citations

4.9
avg, IF

6.01
L-index

#	Paper	IF	Citations
182	Gait characteristics in community-dwelling older persons with low skeletal muscle mass and low physical performance.. <i>Aging Clinical and Experimental Research</i> , 2022 , 1	4.8	1
181	Circulating extracellular vesicles: friends and foes in neurodegeneration. <i>Neural Regeneration Research</i> , 2022 , 17, 534-542	4.5	3
180	Cachexia 2022 , 1265-1271		
179	Mitochondrial-derived vesicles in skeletal muscle remodeling and adaptation.. <i>Seminars in Cell and Developmental Biology</i> , 2022 ,	7.5	1
178	COVID-19 atypical Parsonage-Turner syndrome: a case report.. <i>BMC Neurology</i> , 2022 , 22, 96	3.1	1
177	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 , 111775	4.5	0
176	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 , 111684	5.6	3
175	Multicomponent intervention to prevent mobility disability in frail older adults: randomised controlled trial (SPRINTT project).. <i>BMJ, The</i> , 2022 , 377, e068788	5.9	9
174	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	6.7	1
173	"Say Ninety-nine": It's Never too Late to Recover from COVID-19. <i>Journal of Frailty & Aging,the</i> , 2021 , 10, 70-71	2.6	1
172	Biomarkers shared by frailty and sarcopenia in older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2021 , 73, 101530	12	8
171	Twelve-year sarcopenia trajectories in older adults: results from a population-based study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	3
170	Aberrant crosstalk between insulin signaling and mTOR in young Down syndrome individuals revealed by neuronal-derived extracellular vesicles. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	3
169	Mitochondrial Dysfunction, Protein Misfolding and Neuroinflammation in Parkinson's Disease: Roads to Biomarker Discovery. <i>Biomolecules</i> , 2021 , 11,	5.9	8
168	Physical Functional Assessment in Older Adults. <i>Journal of Frailty & Aging,the</i> , 2021 , 10, 141-149	2.6	10
167	Cell Death and Inflammation: The Role of Mitochondria in Health and Disease. <i>Cells</i> , 2021 , 10,	7.9	17
166	Characterization of the gut-liver-muscle axis in cirrhotic patients with sarcopenia. <i>Liver International</i> , 2021 , 41, 1320-1334	7.9	9

165 Beta-hydroxy-beta-methylbutyrate (HMB) and Sarcopenia **2021**, 355-366

164 Frailty is not associated with hypertension, blood pressure or antihypertensive medication in community-dwelling older adults: A cross-sectional comparison across 3 frailty instruments. *Experimental Gerontology*, **2021**, 146, 111245 4.5 1

163 Molecular routes to sarcopenia and biomarker development: per aspera ad astra. *Current Opinion in Pharmacology*, **2021**, 57, 140-147 5.1 7

162 Biomarkers for Physical Frailty and Sarcopenia **2021**, 271-278

161 The Role of Artificial Intelligence in Managing Multimorbidity and Cancer. *Journal of Personalized Medicine*, **2021**, 11, 3.6 6

160 Sarcopenia and Menopause: The Role of Estradiol. *Frontiers in Endocrinology*, **2021**, 12, 682012 5.7 12

159 Extracellular Vesicles and Pancreatic Cancer: Insights on the Roles of miRNA, lncRNA, and Protein Cargos in Cancer Progression. *Cells*, **2021**, 10, 7.9 8

158 Determinants of cardiac structure in frail and sarcopenic elderly adults. *Experimental Gerontology*, **2021**, 150, 111351 4.5 2

157 Identification of biomarkers for physical frailty and sarcopenia through a new multi-marker approach: results from the BIOSPHERE study. *GeroScience*, **2021**, 43, 727-740 8.9 11

156 Age- and Gender-Related Changes in Physical Function in Community-Dwelling Brazilian Adults Aged 50 to 102 Years. *Journal of Geriatric Physical Therapy*, **2021**, 44, E123-E131 3.2 9

155 On Schrödinger's Cat and Evaluation of Trials Disrupted by the Covid19 Pandemic: A Critical Appraisal. *Journal of Frailty & Aging, the*, **2021**, 10, 310-312 2.6 1

154 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. *European Geriatric Medicine*, **2021**, 12, 303-312 3 4

153 Evidence-based recommendations for resistance and power training to prevent frailty in community-dwellers. *Aging Clinical and Experimental Research*, **2021**, 33, 2069-2086 4.8 6

152 Lack of energy is associated with malnutrition in nursing home residents: Results from the INCUR study. *Journal of the American Geriatrics Society*, **2021**, 69, 3242-3248 5.6 0

151 Acute Effects of Low- and High-Speed Resistance Exercise on Cognitive Function in Frail Older Nursing-Home Residents: A Randomized Crossover Study. *Journal of Aging Research*, **2021**, 2021, 9912339 3.3 0

150 Prevalence and Predictors of Persistence of COVID-19 Symptoms in Older Adults: A Single-Center Study. *Journal of the American Medical Directors Association*, **2021**, 22, 1840-1844 5.9 12

149 Mitophagy: At the heart of mitochondrial quality control in cardiac aging and frailty. *Experimental Gerontology*, **2021**, 153, 111508 4.5 1

148 Protein Intake and Cognitive Function in Older Adults: A Systematic Review and Meta-Analysis. *Nutrition and Metabolic Insights*, **2021**, 14, 11786388211022373 1.9 0

147	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
146	SARCOPENIA IN PRIMARY CARE: SCREENING, DIAGNOSIS, MANAGEMENT. <i>Journal of Frailty & Aging, the</i> , 2021 , 10, 226-232	2.6	4
145	Can the FUT2 Phenotype Associated With Gut Microbiota Increase the Children Susceptibility for Type 1 Diabetes? A Mini Review. <i>Frontiers in Nutrition</i> , 2020 , 7, 606171	6.2	2
144	Fourier-Transform Infrared Spectroscopy of Skeletal Muscle Tissue: Expanding Biomarkers in Primary Mitochondrial Myopathies. <i>Genes</i> , 2020 , 11,	4.2	2
143	Resistance training improves cognitive function in older adults with different cognitive status: a systematic review and Meta-analysis. <i>Aging and Mental Health</i> , 2020 , 1-12	3.5	13
142	Extracellular Vesicles and Damage-Associated Molecular Patterns: A Pandora's Box in Health and Disease. <i>Frontiers in Immunology</i> , 2020 , 11, 601740	8.4	10
141	Normative values of muscle strength across ages in a 'real world' population: results from the longevity check-up 7+ project. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 1562-1569	10.3	14
140	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,	4.6	6
139	Generation and Release of Mitochondrial-Derived Vesicles in Health, Aging and Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	29
138	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	8.9	10
137	Plasma Therapies and Parabiosis in the COVID-19 Era. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 994-995	5.9	2
136	Association between Dietary Habits and Physical Function in Brazilian and Italian Older Women. <i>Nutrients</i> , 2020 , 12,	6.7	5
135	Post-COVID-19 global health strategies: the need for an interdisciplinary approach. <i>Aging Clinical and Experimental Research</i> , 2020 , 32, 1613-1620	4.8	78
134	Inter-Organellar Membrane Contact Sites and Mitochondrial Quality Control during Aging: A Geroscience View. <i>Cells</i> , 2020 , 9,	7.9	18
133	Thirst in patients on chronic hemodialysis: What do we know so far?. <i>International Urology and Nephrology</i> , 2020 , 52, 697-711	2.3	6
132	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,	5.1	41
131	Protein-Related Dietary Parameters and Frailty Status in Older Community-Dwellers across Different Frailty Instruments. <i>Nutrients</i> , 2020 , 12,	6.7	16
130	Nutritional Status as a Mediator of Fatigue and Its Underlying Mechanisms in Older People. <i>Nutrients</i> , 2020 , 12,	6.7	13

129	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,	6.7	10
128	Prevalence of Prefrailty and Frailty in South America: A Systematic Review of Observational Studies. <i>Journal of Frailty & Aging, the</i> , 2020 , 9, 197-213	2.6	10
127	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	5.2	0
126	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,	7.9	23
125	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,	3.6	3
124	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	0.9	1
123	Musculoskeletal Aging, Sarcopenia, and Cancer 2020 , 269-285		
122	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	5.9	7
121	Relationship between pulmonary function and physical performance among community-living people: results from Look-up 7+ study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 38-45	10.3	10
120	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	4.5	7
119	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	5.7	9
118	Protein Intake and Frailty: A Matter of Quantity, Quality, and Timing. <i>Nutrients</i> , 2020 , 12,	6.7	20
117	Preserving Mobility in Older Adults with Physical Frailty and Sarcopenia: Opportunities, Challenges, and Recommendations for Physical Activity Interventions. <i>Clinical Interventions in Aging</i> , 2020 , 15, 1675-1690	4.6	33
116	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	4	1
115	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,	7.9	6
114	Role of Age-Related Mitochondrial Dysfunction in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
113	A Specific Urinary Amino Acid Profile Characterizes People with Kidney Stones. <i>Disease Markers</i> , 2020 , 2020, 8848225	3.2	2
112	Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020 , 9,	7.1	62

111	Biomarkers of Physical Frailty and Sarcopenia: Coming up to the Place?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
110	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	4	7
109	Interaction of Skeletal and Left Ventricular Mass in Older Adults with Low Muscle Performance. <i>Journal of the American Geriatrics Society</i> , 2020 ,	5.6	2
108	If my muscle could talk: Myokines as a biomarker of frailty. <i>Experimental Gerontology</i> , 2019 , 127, 110715	4.5	25
107	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	3.9	1
106	Sarcopenia-related parameters in adults with Down syndrome: A cross-sectional exploratory study. <i>Experimental Gerontology</i> , 2019 , 119, 93-99	4.5	10
105	Influence of Diets with Varying Essential/Nonessential Amino Acid Ratios on Mouse Lifespan. <i>Nutrients</i> , 2019 , 11,	6.7	8
104	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,	6.3	9
103	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	4.8	10
102	Inflammatory signatures in older persons with physical frailty and sarcopenia: The frailty "cytokinome" at its core. <i>Experimental Gerontology</i> , 2019 , 122, 129-138	4.5	48
101	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,	6.3	38
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	10.3	56
99	Mitochondrial Dysfunction and Aging: Insights from the Analysis of Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	62
98	The metabolomics side of frailty: Toward personalized medicine for the aged. <i>Experimental Gerontology</i> , 2019 , 126, 110692	4.5	18
97	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	4.5	18
96	Sarcopenia in Physical Frailty 2019 , 51-58		
95	Gut Microbial, Inflammatory and Metabolic Signatures in Older People with Physical Frailty and Sarcopenia: Results from the BIOSPHERE Study. <i>Nutrients</i> , 2019 , 12,	6.7	43
94	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, 1970878	3	5

93	Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. <i>Cells</i> , 2019 , 8,	7.9	24
92	Targeting mitochondrial quality control for treating sarcopenia: lessons from physical exercise. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 153-160	6.4	16
91	Musculoskeletal aging, sarcopenia and cancer. <i>Journal of Geriatric Oncology</i> , 2019 , 10, 504-509	3.6	20
90	Beta-hydroxy-beta-methylbutyrate and sarcopenia: from biological plausibility to clinical evidence. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019 , 22, 37-43	3.8	11
89	Cow's Milk Consumption and Health: A Health Professional's Guide. <i>Journal of the American College of Nutrition</i> , 2019 , 38, 197-208	3.5	40
88	Hepatocellular Carcinoma Is Associated With Gut Microbiota Profile and Inflammation in Nonalcoholic Fatty Liver Disease. <i>Hepatology</i> , 2019 , 69, 107-120	11.2	230
87	Update on mitochondria and muscle aging: all wrong roads lead to sarcopenia. <i>Biological Chemistry</i> , 2018 , 399, 421-436	4.5	43
86	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	4.5	35
85	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	4.8	12
84	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	2.1	13
83	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018 , 5, 53	4.9	47
82	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	4.9	10
81	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	1.9	5
80	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	3.9	33
79	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	3.7	36
78	Biomarkers for Sarcopenia: Reductionism vs. Complexity. <i>Current Protein and Peptide Science</i> , 2018 , 19, 639-642	2.8	11
77	Sarcopenia: An Overview on Current Definitions, Diagnosis and Treatment. <i>Current Protein and Peptide Science</i> , 2018 , 19, 633-638	2.8	69
76	Musculoskeletal Aging, Sarcopenia, and Cancer 2018 , 1-18		

75	Mitochondrial DNA Damage And Impaired Iron Homeostasis In Muscle Aging. <i>FASEB Journal</i> , 2018 , 32, lb4	0.9	
74	Specific Profiles Of Circulating Mediators Characterize Older Persons With Physical Frailty And Sarcopenia. <i>FASEB Journal</i> , 2018 , 32, lb167	0.9	
73	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	2.6	74
72	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	4.9	12
71	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,	6.7	52
70	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,	5.9	10
69	Body Mass Index is Strongly Associated with Hypertension: Results from the Longevity Check-up 7+ Study. <i>Nutrients</i> , 2018 , 10,	6.7	43
68	The "Sarcopenia and Physical Frailty IN older people: multi-component Treatment strategies" (SPRINTT) randomized controlled trial: Case finding, screening and characteristics of eligible participants. <i>Experimental Gerontology</i> , 2018 , 113, 48-57	4.5	40
67	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	6.1	36
66	Protein-Amino Acid Metabolism Disarrangements: The Hidden Enemy of Chronic Age-Related Conditions. <i>Nutrients</i> , 2018 , 10,	6.7	26
65	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	3	5
64	Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. <i>Mediators of Inflammation</i> , 2018 , 2018, 7026198	4.3	62
63	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	7.8	27
62	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	4.8	91
61	Biomarkers for physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 29-34	4.8	42
60	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	4.8	50
59	Sarcopenia: an overview. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 11-17	4.8	193
58	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	5.3	63

57	The need of operational paradigms for frailty in older persons: the SPRINTT project. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 3-10	4.8	19
56	Measurement of muscle mass in sarcopenia: from imaging to biochemical markers. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 19-27	4.8	133
55	Physical activity and exercise as countermeasures to physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 35-42	4.8	154
54	Where Is the Geriatrician?. <i>JAMA Internal Medicine</i> , 2017 , 177, 441-442	11.5	
53	Systemic inflammation, body composition, and physical performance in old community-dwellers. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 69-77	10.3	38
52	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	4.5	20
51	Anorexia of Aging: Assessment and Management. <i>Clinics in Geriatric Medicine</i> , 2017 , 33, 315-323	3.8	31
50	Frailty in Older Persons. <i>Clinics in Geriatric Medicine</i> , 2017 , 33, 293-303	3.8	140
49	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	5.9	69
48	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	5.2	32
47	Exercise and Protein Intake: A Synergistic Approach against Sarcopenia. <i>BioMed Research International</i> , 2017 , 2017, 2672435	3	67
46	Genetic variants associated with physical performance and anthropometry in old age: a genome-wide association study in the iLSIRENTE cohort. <i>Scientific Reports</i> , 2017 , 7, 15879	4.9	8
45	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	4.5	23
44	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	4.5	7
43	Altered mitochondrial quality control signaling in muscle of old gastric cancer patients with cachexia. <i>Experimental Gerontology</i> , 2017 , 87, 92-99	4.5	40
42	Fueling Inflamm-Aging through Mitochondrial Dysfunction: Mechanisms and Molecular Targets. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	85
41	Bone-Muscle Crosstalk: Unraveling New Therapeutic Targets for Osteoporosis. <i>Current Pharmaceutical Design</i> , 2017 , 23, 6256-6263	3.3	14
40	Impact of physical function impairment and multimorbidity on mortality among community-living older persons with sarcopenia: results from the iLSIRENTE prospective cohort study. <i>BMJ Open</i> , 2016 , 6, e008281	3	60

39	Sarcopenia and frailty: From theoretical approach into clinical practice. <i>European Geriatric Medicine</i> , 2016 , 7, 197-200	3	19
38	Sarcopenia in heart failure: mechanisms and therapeutic strategies. <i>Journal of Geriatric Cardiology</i> , 2016 , 13, 615-24	1.7	39
37	Integrated control of brown adipose tissue 2016 , 69, 9-14		5
36	The Aging Muscle and Sarcopenia 2016 , 355-361		
35	Anorexia of Aging: Risk Factors, Consequences, and Potential Treatments. <i>Nutrients</i> , 2016 , 8, 69	6.7	212
34	Protein Intake and Muscle Health in Old Age: From Biological Plausibility to Clinical Evidence. <i>Nutrients</i> , 2016 , 8,	6.7	111
33	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, 31-6	4.5	35
32	Brand New Medicine for an Older Society. <i>Journal of the American Medical Directors Association</i> , 2016 , 17, 558-9	5.9	17
31	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	4.5	33
30	Sarcopenia as the Biological Substrate of Physical Frailty. <i>Clinics in Geriatric Medicine</i> , 2015 , 31, 367-74	3.8	145
29	Biomarkers for physical frailty and sarcopenia: state of the science and future developments. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015 , 6, 278-86	10.3	149
28	Nutritional Strategies Against Sarcopenia of Aging: Current Evidence and Future Directions 2015 , 231-238		1
27	Innovative Medicines Initiative: The SPRINTT Project. <i>Journal of Frailty & Aging, the</i> , 2015 , 4, 207-208	2.6	36
26	Treating sarcopenia in older and oldest old. <i>Current Pharmaceutical Design</i> , 2015 , 21, 1715-22	3.3	47
25	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	5.8	66
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