

Emanuele Marzetti

List of Publications by Citations

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Version: 2024-04-24

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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.

293
papers

12,614
citations

61
h-index

101
g-index

328
ext. papers

16,523
ext. citations

4.8
avg, IF

6.54
L-index

#	Paper	IF	Citations
293	Molecular inflammation: underpinnings of aging and age-related diseases. <i>Ageing Research Reviews</i> , 2009 , 8, 18-30	12	821
292	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
291	Skeletal muscle autophagy and apoptosis during aging: effects of calorie restriction and life-long exercise. <i>Experimental Gerontology</i> , 2010 , 45, 138-48	4.5	299
290	Mitochondrial dysfunction and sarcopenia of aging: from signaling pathways to clinical trials. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 2288-301	5.6	295
289	The effects of cognitive impairment on mortality among hospitalized patients with heart failure. <i>American Journal of Medicine</i> , 2003 , 115, 97-103	2.4	262
288	Sarcopenia and physical frailty: two sides of the same coin. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 192	5.3	249
287	Skeletal muscle apoptosis, sarcopenia and frailty at old age. <i>Experimental Gerontology</i> , 2006 , 41, 1234-8	4.5	242
286	Anorexia of Aging: Risk Factors, Consequences, and Potential Treatments. <i>Nutrients</i> , 2016 , 8, 69	6.7	212
285	The impact of aging on mitochondrial function and biogenesis pathways in skeletal muscle of sedentary high- and low-functioning elderly individuals. <i>Aging Cell</i> , 2012 , 11, 801-9	9.9	208
284	Mitochondrial pathways in sarcopenia of aging and disuse muscle atrophy. <i>Biological Chemistry</i> , 2013 , 394, 393-414	4.5	195
283	Sarcopenia: an overview. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 11-17	4.8	193
282	Models of accelerated sarcopenia: critical pieces for solving the puzzle of age-related muscle atrophy. <i>Ageing Research Reviews</i> , 2010 , 9, 369-83	12	191
281	Frailty and Multimorbidity: A Systematic Review and Meta-analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 659-666	6.4	182
280	Contribution of impaired mitochondrial autophagy to cardiac aging: mechanisms and therapeutic opportunities. <i>Circulation Research</i> , 2012 , 110, 1125-38	15.7	169
279	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
278	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
277	The COVID-19 pandemic and physical activity. <i>Sports Medicine and Health Science</i> , 2020 , 2, 55-64	4.5	148

276	Sarcopenia as the Biological Substrate of Physical Frailty. <i>Clinics in Geriatric Medicine</i> , 2015 , 31, 367-74	3.8	145
275	Frailty in Older Persons. <i>Clinics in Geriatric Medicine</i> , 2017 , 33, 293-303	3.8	140
274	Correlates of cognitive impairment among patients with heart failure: results of a multicenter survey. <i>American Journal of Medicine</i> , 2005 , 118, 496-502	2.4	139
273	Age-related activation of mitochondrial caspase-independent apoptotic signaling in rat gastrocnemius muscle. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 542-9	5.6	136
272	Sarcopenia of aging: underlying cellular mechanisms and protection by calorie restriction. <i>BioFactors</i> , 2009 , 35, 28-35	6.1	134
271	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
270	Mitochondrial death effectors: relevance to sarcopenia and disuse muscle atrophy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010 , 1800, 235-44	4	133
269	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, H459-76	5.2	130
268	Mitochondrial DNA mutations, energy metabolism and apoptosis in aging muscle. <i>Ageing Research Reviews</i> , 2006 , 5, 179-95	12	127
267	Exercise as a remedy for sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2014 , 17, 25-31	3.8	117
266	Mitochondrial quality control mechanisms as molecular targets in cardiac ageing. <i>Nature Reviews Cardiology</i> , 2018 , 15, 543-554	14.8	112
265	Protein Intake and Muscle Health in Old Age: From Biological Plausibility to Clinical Evidence. <i>Nutrients</i> , 2016 , 8,	6.7	111
264	The geriatric management of frailty as paradigm of "The end of the disease era". <i>European Journal of Internal Medicine</i> , 2016 , 31, 11-4	3.9	110
263	Anticholinergic drugs and negative outcomes in the older population: from biological plausibility to clinical evidence. <i>Aging Clinical and Experimental Research</i> , 2016 , 28, 25-35	4.8	109
262	Increased iron content and RNA oxidative damage in skeletal muscle with aging and disuse atrophy. <i>Experimental Gerontology</i> , 2008 , 43, 563-70	4.5	101
261	Apoptosis in skeletal myocytes: a potential target for interventions against sarcopenia and physical frailty - a mini-review. <i>Gerontology</i> , 2012 , 58, 99-106	5.5	100
260	Modulation of GH/IGF-1 axis: potential strategies to counteract sarcopenia in older adults. <i>Mechanisms of Ageing and Development</i> , 2008 , 129, 593-601	5.6	96
259	Use of angiotensin-converting enzyme inhibitors and variations in cognitive performance among patients with heart failure. <i>European Heart Journal</i> , 2005 , 26, 226-33	9.5	93

258	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
257	The incidence of sarcopenia among hospitalized older patients: results from the Glisten study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 907-914	10.3	90
256	Modulation of age-induced apoptotic signaling and cellular remodeling by exercise and calorie restriction in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 160-8	7.8	88
255	Fueling Inflamm-Aging through Mitochondrial Dysfunction: Mechanisms and Molecular Targets. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	85
254	Age-related differences in lower extremity tissue compartments and associations with physical function in older adults. <i>Experimental Gerontology</i> , 2012 , 47, 38-44	4.5	85
253	Changes in IL-15 expression and death-receptor apoptotic signaling in rat gastrocnemius muscle with aging and life-long calorie restriction. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 272-80	5.6	85
252	Current nutritional recommendations and novel dietary strategies to manage sarcopenia. <i>Journal of Frailty & Aging, the</i> , 2013 , 2, 38-53	2.6	85
251	Anorexia of aging: a modifiable risk factor for frailty. <i>Nutrients</i> , 2013 , 5, 4126-33	6.7	84
250	Mitochondrial iron accumulation with age and functional consequences. <i>Aging Cell</i> , 2008 , 7, 706-16	9.9	82
249	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
248	Brace treatment in juvenile idiopathic scoliosis: a prospective study with outcomes in agreement with SRS committee on bracing and nonoperative management standardization criteria. <i>Scoliosis</i> , 2013 , 8,		78
247	Bioenergetics and permeability transition pore opening in heart subsarcolemmal and interfibrillar mitochondria: effects of aging and lifelong calorie restriction. <i>Mechanisms of Ageing and Development</i> , 2009 , 130, 297-307	5.6	74
246	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
245	Nutrition and IBD: Malnutrition and/or Sarcopenia? A Practical Guide. <i>Gastroenterology Research and Practice</i> , 2017 , 2017, 8646495	2	73
244	The essence of frailty: A systematic review and qualitative synthesis on frailty concepts and definitions. <i>European Journal of Internal Medicine</i> , 2018 , 56, 3-10	3.9	71
243	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
242	Sarcopenia: An Overview on Current Definitions, Diagnosis and Treatment. <i>Current Protein and Peptide Science</i> , 2018 , 19, 633-638	2.8	69
241	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	3.7	68

240	Exercise and Protein Intake: A Synergistic Approach against Sarcopenia. <i>BioMed Research International</i> , 2017 , 2017, 2672435	3	67
239	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
238	Biochemical Pathways of Sarcopenia and Their Modulation by Physical Exercise: A Narrative Review. <i>Frontiers in Medicine</i> , 2017 , 4, 167	4.9	65
237	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
236	Mitochondrial Dysfunction and Aging: Insights from the Analysis of Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	62
235	Mitochondrial Dysfunction, Oxidative Stress, and Neuroinflammation: Intertwined Roads to Neurodegeneration. <i>Antioxidants</i> , 2020 , 9,	7.1	62
234	Gut Dysbiosis and Muscle Aging: Searching for Novel Targets against Sarcopenia. <i>Mediators of Inflammation</i> , 2018 , 2018, 7026198	4.3	62
233	Relative Protein Intake and Physical Function in Older Adults: A Systematic Review and Meta-Analysis of Observational Studies. <i>Nutrients</i> , 2018 , 10,	6.7	61
232	Impact of physical function impairment and multimorbidity on mortality among community-living older persons with sarcopaenia: results from the ilSIRENTE prospective cohort study. <i>BMJ Open</i> , 2016 , 6, e008281	3	60
231	Screening, diagnosis and treatment of osteoporosis: a brief review. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2014 , 11, 201-7		60
230	The emerging role of iron dyshomeostasis in the mitochondrial decay of aging. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 487-93	5.6	59
229	International Exercise Recommendations in Older Adults (ICFSR): Expert Consensus Guidelines. <i>Journal of Nutrition, Health and Aging</i> , 2021 , 25, 824-853	5.2	58
228	Effects of short-term GH supplementation and treadmill exercise training on physical performance and skeletal muscle apoptosis in old rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R558-67	3.2	57
227	Frailty and Multimorbidity: Different Ways of Thinking About Geriatrics. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 361-364	5.9	56
226	The New Challenge of Geriatrics: Saving Frail Older People from the SARS-COV-2 Pandemic Infection. <i>Journal of Nutrition, Health and Aging</i> , 2020 , 24, 466-470	5.2	54
225	Fecal and urinary NMR-based metabolomics unveil an aging signature in mice. <i>Experimental Gerontology</i> , 2014 , 49, 5-11	4.5	52
224	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
223	Low Protein Intake Is Associated with Frailty in Older Adults: A Systematic Review and Meta-Analysis of Observational Studies. <i>Nutrients</i> , 2018 , 10,	6.7	52

222	Cellular mechanisms of cardioprotection by calorie restriction: state of the science and future perspectives. <i>Clinics in Geriatric Medicine</i> , 2009 , 25, 715-32, ix	3.8	51
221	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
220	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
219	Determination of quality of life in adolescents with idiopathic scoliosis subjected to conservative treatment. <i>Scoliosis</i> , 2010 , 5, 21		48
218	Of Microbes and Minds: A Narrative Review on the Second Brain Aging. <i>Frontiers in Medicine</i> , 2018 , 5, 53	4.9	47
217	Multiple pathways to the same end: mechanisms of myonuclear apoptosis in sarcopenia of aging. <i>Scientific World Journal, The</i> , 2010 , 10, 340-9	2.2	47
216	Treating sarcopenia in older and oldest old. <i>Current Pharmaceutical Design</i> , 2015 , 21, 1715-22	3.3	47
215	Association of metabolic syndrome with cognitive function: the role of sex and age. <i>Clinical Nutrition</i> , 2008 , 27, 747-54	5.9	46
214	Update on mitochondria and muscle aging: all wrong roads lead to sarcopenia. <i>Biological Chemistry</i> , 2018 , 399, 421-436	4.5	43
213	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
212	Body Mass Index is Strongly Associated with Hypertension: Results from the Longevity Check-up 7+ Study. <i>Nutrients</i> , 2018 , 10,	6.7	43
211	Biomarkers for physical frailty and sarcopenia. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 29-34	4.8	42
210	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	4.5	42
209	An exploratory analysis of the effects of a weight loss plus exercise program on cellular quality control mechanisms in older overweight women. <i>Rejuvenation Research</i> , 2011 , 14, 315-24	2.6	42
208	Mitochondrial Signatures in Circulating Extracellular Vesicles of Older Adults with Parkinson Disease: Results from the EXosomes in PARKinson Disease (EXPAND) Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	41
207	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
206	Anabolic effects of testosterone are preserved during inhibition of 5alpha-reductase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E507-14	6	40
205	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

204	Effects of treadmill exercise and training frequency on anabolic signaling pathways in the skeletal muscle of aged rats. <i>Experimental Gerontology</i> , 2012 , 47, 23-8	4.5	39
203	Sarcopenia in heart failure: mechanisms and therapeutic strategies. <i>Journal of Geriatric Cardiology</i> , 2016 , 13, 615-24	1.7	39
202	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
201	Mitochondrial-Derived Vesicles as Candidate Biomarkers in Parkinson 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
200	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	4.9	38
199	Shorter telomeres in peripheral blood mononuclear cells from older persons with sarcopenia: results from an exploratory study. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 233	5.3	37
198	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
197	Innovative Medicines Initiative: The SPRINTT Project. <i>Journal of Frailty & Aging, the</i> , 2015 , 4, 207-208	2.6	36
196	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
195	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
194	Serum levels of C-terminal agrin fragment (CAF) are associated with sarcopenia in older multimorbid community-dwellers: Results from the iLSIRENTE study. <i>Experimental Gerontology</i> , 2016 , 79, 31-6	4.5	35
193	Differential effects of enalapril and losartan on body composition and indices of muscle quality in aged male Fischer 344 Brown Norway rats. <i>Age</i> , 2011 , 33, 167-83		34
192	Endothelial function after high-sugar-food ingestion improves with endurance exercise performed on the previous day. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 51-7	7	34
191	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
190	Long-term perturbation of muscle iron homeostasis following hindlimb suspension in old rats is associated with high levels of oxidative stress and impaired recovery from atrophy. <i>Experimental Gerontology</i> , 2012 , 47, 100-8	4.5	33
189	Usefulness of preclinical models for assessing the efficacy of late-life interventions for sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 17-27	6.4	33
188	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
187	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

186	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
185	Gut microbiota compositional and functional fingerprint in patients with alcohol use disorder and alcohol-associated liver disease. <i>Liver International</i> , 2020 , 40, 878-888	7.9	32
184	Nonsteroidal anti-inflammatory drug (NSAID) use and sarcopenia in older people: results from the iSIRENTE study. <i>Journal of the American Medical Directors Association</i> , 2013 , 14, 626.e9-13	5.9	32
183	Predicting In-Hospital Mortality in COVID-19 Older Patients with Specifically Developed Scores. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 37-43	5.6	32
182	Anorexia of Aging: Assessment and Management. <i>Clinics in Geriatric Medicine</i> , 2017 , 33, 315-323	3.8	31
181	Prevalence of the seven cardiovascular health metrics in a Mediterranean country: results from a cross-sectional study. <i>European Journal of Public Health</i> , 2013 , 23, 858-62	2.1	30
180	Generation and Release of Mitochondrial-Derived Vesicles in Health, Aging and Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	29
179	The physical capabilities underlying timed "Up and Go" test are time-dependent in community-dwelling older women. <i>Experimental Gerontology</i> , 2018 , 104, 138-146	4.5	29
178	Correlation between compliance and brace treatment in juvenile and adolescent idiopathic scoliosis: SOSORT 2014 award winner. <i>Scoliosis</i> , 2014 , 9, 6		29
177	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	5.3	29
176	Depressive symptoms and metabolic syndrome: selective association in older women. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2009 , 22, 215-22	3.8	28
175	Haemoglobin levels are associated with bone mineral density in the elderly: a population-based study. <i>Clinical Rheumatology</i> , 2009 , 28, 145-51	3.9	27
174	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
173	Shorter telomere length in schizophrenia: Evidence from a real-world population and meta-analysis of most recent literature. <i>Schizophrenia Research</i> , 2018 , 202, 37-45	3.6	26
172	Late-life enalapril administration induces nitric oxide-dependent and independent metabolic adaptations in the rat skeletal muscle. <i>Age</i> , 2013 , 35, 1061-75		26
171	Digoxin and cognitive performance in patients with heart failure: a cohort, pharmacoepidemiological survey. <i>Drugs and Aging</i> , 2009 , 26, 103-12	4.7	26
170	If my muscle could talk: Myokines as a biomarker of frailty. <i>Experimental Gerontology</i> , 2019 , 127, 1107154.5		25
169	Physiopathology of Bone Modifications in β -Thalassemia. <i>Anemia</i> , 2012 , 2012, 320737	1.6	25

168	Effects of local microwave diathermy on shoulder pain and function in patients with rotator cuff tendinopathy in comparison to subacromial corticosteroid injections: a single-blind randomized trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012 , 42, 363-70	4.2	24
167	Self-assessed health status, walking speed and mortality in older Mexican-Americans. <i>Gerontology</i> , 2009 , 55, 194-201	5.5	24
166	Advanced Age Is Associated with Iron Dyshomeostasis and Mitochondrial DNA Damage in Human Skeletal Muscle. <i>Cells</i> , 2019 , 8,	7.9	24
165	Neurocognitive therapeutic exercise improves pain and function in patients with shoulder impingement syndrome: a single-blind randomized controlled clinical trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2014 , 50, 255-64	4.4	24
164	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
163	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
162	Gastric cancer does not affect the expression of atrophy-related genes in human skeletal muscle. <i>Muscle and Nerve</i> , 2014 , 49, 528-33	3.4	23
161	Effects of ACE-inhibition on IGF-1 and IGFBP-3 concentrations in older adults with high cardiovascular risk profile. <i>Journal of Nutrition, Health and Aging</i> , 2010 , 14, 457-60	5.2	23
160	Joint line tenderness and McMurray tests for the detection of meniscal lesions: what is their real diagnostic value?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013 , 94, 1126-31	2.8	22
159	Treating cancer in older and oldest old patients. <i>Current Pharmaceutical Design</i> , 2015 , 21, 1699-705	3.3	21
158	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
157	Brace treatment in juvenile idiopathic scoliosis: a prospective study in accordance with the SRS criteria for bracing studies - SOSORT award 2013 winner. <i>Scoliosis</i> , 2014 , 9, 3		20
156	Protein Intake and Frailty: A Matter of Quantity, Quality, and Timing. <i>Nutrients</i> , 2020 , 12,	6.7	20
155	COVID-19 and intestinal inflammation: Role of fecal calprotectin. <i>Digestive and Liver Disease</i> , 2020 , 52, 1231-1233	3.3	20
154	Musculoskeletal aging, sarcopenia and cancer. <i>Journal of Geriatric Oncology</i> , 2019 , 10, 504-509	3.6	20
153	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
152	Sarcopenia and frailty: From theoretical approach into clinical practice. <i>European Geriatric Medicine</i> , 2016 , 7, 197-200	3	19
151	Application of NMR-based metabolomics to the study of gut microbiota in obesity. <i>Journal of Clinical Gastroenterology</i> , 2014 , 48 Suppl 1, S5-7	3	19

150	Treatment of lumbar curves in scoliotic adolescent females with progressive action short brace: a case series based on the Scoliosis Research Society Committee Criteria. <i>Spine</i> , 2012 , 37, E786-91	3.3	19
149	Assessment of neurological manifestations in hospitalized patients with COVID-19. <i>European Journal of Neurology</i> , 2020 , 27, 2322-2328	6	19
148	Association of frailty with the serine protease HtrA1 in older adults. <i>Experimental Gerontology</i> , 2016 , 81, 8-12	4.5	19
147	Skeletal muscle regeneration in cancer cachexia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 522-7	3	19
146	Inter-Organellar Membrane Contact Sites and Mitochondrial Quality Control during Aging: A Geroscience View. <i>Cells</i> , 2020 , 9,	7.9	18
145	The metabolomics side of frailty: Toward personalized medicine for the aged. <i>Experimental Gerontology</i> , 2019 , 126, 110692	4.5	18
144	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
143	Masticatory dysfunction is associated with osteoporosis in older men. <i>Journal of Clinical Periodontology</i> , 2007 , 34, 964-8	7.7	18
142	Frailty, Physical Frailty, Sarcopenia: A New Conceptual Model. <i>Studies in Health Technology and Informatics</i> , 2014 , 203, 78-84	0.5	18
141	Role of Age-Related Mitochondrial Dysfunction in Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
140	Cell Death and Inflammation: The Role of Mitochondria in Health and Disease. <i>Cells</i> , 2021 , 10,	7.9	17
139	Brand New Medicine for an Older Society. <i>Journal of the American Medical Directors Association</i> , 2016 , 17, 558-9	5.9	17
138	Protein-Related Dietary Parameters and Frailty Status in Older Community-Dwellers across Different Frailty Instruments. <i>Nutrients</i> , 2020 , 12,	6.7	16
137	Brace technology thematic series: the progressive action short brace (PASB). <i>Scoliosis</i> , 2012 , 7, 6		16
136	Myeloperoxidase levels and mortality in frail community-living elderly individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 369-76	6.4	16
135	Biomarkers of Physical Frailty and Sarcopenia: Coming up to the Place?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
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