

# CITATION REPORT

List of articles citing

**Sarcopenia: an undiagnosed condition in older adults. Current consensus definition: prevalence, etiology, and consequences. International working group on sarcopenia**

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**Journal of the American Medical Directors Association, 2011, 12, 249-56.**

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#	Paper	IF	Citations
2158	Clinical update on nursing home medicine: 2011. <i>Journal of the American Medical Directors Association</i> , <b>2011</b> , 12, 615-626.e6	5.9	5
2157	Sarcopenia with limited mobility: an international consensus. <i>Journal of the American Medical Directors Association</i> , <b>2011</b> , 12, 403-9	5.9	648
2156	Sarcopenia: origins and clinical relevance. <b>2011</b> , 27, 337-9		211
2155	Toward a definition of sarcopenia. <b>2011</b> , 27, 341-53		48
2154	Undernutrition: a major problem in nursing homes. <i>Journal of the American Medical Directors Association</i> , <b>2011</b> , 12, 243-6	5.9	28
2153	Inducible nitric oxide synthase (iNOS) in muscle wasting syndrome, sarcopenia, and cachexia. <b>2011</b> , 3, 702-15		58
2152	The epidemiology of sarcopenia in community living older adults: what role does lifestyle play?. <b>2011</b> , 2, 125-134		46
2151	Sarcopenia: designing phase IIB trials. <b>2011</b> , 15, 450-5		53
2150	Frailty: diagnosis and management. <b>2011</b> , 15, 667-70		47
2149	Sarcopenia: biomarkers and imaging (International Conference on Sarcopenia research). <b>2011</b> , 15, 834-46		26
2148	Aging, sarcopenia and store-operated calcium entry: a common link?. <b>2011</b> , 10, 4201-2		18
2147	Insulin sensitizers may attenuate lean mass loss in older men with diabetes. <b>2011</b> , 34, 2381-6		97
2146	Histological changes in sarcopenia and the possible protective role of angiotensin-converting enzyme inhibitors in male albino rats. <b>2011</b> , 34, 762-771		
2145	The genetic pleiotropy of musculoskeletal aging. <b>2012</b> , 3, 303		25
2144	Nutrition and sarcopenia: evidence for an interaction. <b>2012</b> , 71, 566-75		48
2143	Malnutrition, fatigue, frailty, vulnerability, sarcopenia and cachexia: overlap of clinical features. <b>2012</b> , 15, 213-9		124
2142	Identifying sarcopenia. <b>2012</b> , 15, 436-41		32

2141	Chronic low-grade inflammation and age-related sarcopenia. <b>2012</b> , 15, 12-22	245
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2139	WAT is a functional adipocyte?. <b>2012</b> , 1, 38-45	16
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2137	Sarcopenia in the elderly. <b>2012</b> , 29 Suppl 1, i44-i48	140
2136	Sarcopenia: pharmacology of today and tomorrow. <b>2012</b> , 343, 540-6	52
2135	Cambios fisiológicos asociados al envejecimiento. <b>2012</b> , 23, 19-29	9
2134	Aging, neuromuscular decline, and the change in physiological and behavioral complexity of upper-limb movement dynamics. <b>2012</b> , 2012, 891218	37
2133	Nutrition, Resistance Training, and Sarcopenia. <b>2012</b> , 27, 114-123	2
2132	The use of ghrelin and ghrelin receptor agonists as a treatment for animal models of disease: efficacy and mechanism. <b>2012</b> , 18, 4779-99	17
2131	ProteinâEffects on Rehabilitation and the Sarcopenia of Aging. <b>2012</b> , 153-176	
2130	Implementing frailty into clinical practice: we cannot wait. <b>2012</b> , 16, 599-600	59
2129	Hydroxy-âmethylbutyrate did not enhance high intensity resistance training-induced improvements in myofiber dimensions and myogenic capacity in aged female rats. <b>2012</b> , 34, 439-48	17
2128	Skeletal muscle contractile function and neuromuscular performance in Zmpste24 -/- mice, a murine model of human progeria. <b>2012</b> , 34, 805-19	24
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2126	Biomarkers of sarcopenia in clinical trials-recommendations from the International Working Group on Sarcopenia. <b>2012</b> , 3, 181-90	175
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2118	Increasing awareness of the factors producing falls: the mini falls assessment. <i>Journal of the American Medical Directors Association</i> , <b>2012</b> , 13, 87-90	5.9	22
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2112	Prevalence and associated factors of sarcopenia in older adults with intellectual disabilities. <b>2012</b> , 33, 2004-12		59
2111	Predictors of survival within 2 years of inpatient rehabilitation among older adults. <b>2012</b> , 23, 519-23		2
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2108	Physiological effects beyond the significant gain in muscle mass in sarcopenic elderly men: evidence from a randomized clinical trial using a protein-rich food. <b>2012</b> , 7, 225-34		52
2107	Anorexia, undernutrition, weight loss, sarcopenia, and cachexia of aging. <b>2012</b> , 9, 119-127		7
2106	Repfer et prendre en charge les personnes âgées en pratique clinique : nous ne devons plus attendre. <b>2012</b> , 4, 264-265		

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2103	Prevalence and prognostic effect of sarcopenia in breast cancer survivors: the HEAL Study. <b>2012</b> , 6, 398-406		167
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2058	New horizons in the pathogenesis, diagnosis and management of sarcopenia. <b>2013</b> , 42, 145-50		171
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2056	Inflammatory markers in skeletal muscle of older adults. <b>2013</b> , 113, 509-17		14
2055	Genes and the ageing muscle: a review on genetic association studies. <b>2013</b> , 35, 207-33		62
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2040	Diaphragm muscle sarcopenia in aging mice. <b>2013</b> , 48, 881-7		90
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2029	Diagnostic measures for sarcopenia and bone mineral density. <b>2013</b> , 24, 2681-91		47
2028	Age-related skeletal muscle mass loss and physical performance in Taiwan: implications to diagnostic strategy of sarcopenia in Asia. <b>2013</b> , 13, 964-71		62
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1984	Generalized weakness in the elderly. 51-58	
1983	Sarcopenia and sarcopenic obesity. <b>2013</b> , 28, 86-9	63
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1980	Estimating glomerular filtration rates in elderly Chinese patients with chronic kidney disease: performance of six modified formulae developed in Asian populations. <b>2013</b> , 8, 899-904	4

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1967	Sarcopenia and sarcopenic obesity in patients with muscular dystrophy. <b>2014</b> , 6, 274	10
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1947	Sarcopenia and sarcopenic obesity among men aged 80 years and older in Beijing: prevalence and its association with functional performance. <b>2014</b> , 14 Suppl 1, 29-35	35
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1916	Diagnostic criteria for sarcopenia and physical performance. <b>2014</b> , 36, 275-85		44
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1910	Sarcopenia and its relationship with osteoarthritis: risk factor or direct consequence?. <b>2014</b> , 98, 9-14		34
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1903	Effect of physical activity at midlife on skeletal muscle mass in old age in community-dwelling older women: A cross-sectional study. <b>2014</b> , 5, 18-22		14
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1897	Cut-off points of quadriceps strength, declines and relationships of sarcopenia-related variables among Thai community-dwelling older adults. <b>2014</b> , 14 Suppl 1, 61-8		18
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1855	Prevalence of sarcopenia in geriatric hospitalized patients. <i>Journal of the American Medical Directors Association</i> , <b>2014</b> , 15, 267-72	5.9	86
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1840	Integrating Frailty into Clinical Practice to Prevent the Risk of Dependency in the Elderly. <b>2015</b> , 83, 99-104		1
1839	Obesity in Older Adults: Prevalence, Health Risk and Management of Care Among Nursing Home Residents. <b>2015</b> , 4, 211-220		
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1837	Health related quality of life after oesophagectomy: elderly patients refer similar eating and swallowing difficulties than younger patients. <b>2015</b> , 15, 640		8
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1833	Relationship Between Physical Frailty and Low-Grade Inflammation in Late-Life Depression. <b>2015</b> , 63, 1652-7	33
1832	Current practices of dietitians in the assessment and management of malnutrition in elderly patients. <b>2015</b> , 72, 254-260	6
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1830	Risk of Nonspine Fractures in Older Adults with Sarcopenia, Low Bone Mass, or Both. <b>2015</b> , 63, 1733-40	70
1829	Evaluation of the Usefulness of Consensus Definitions of Sarcopenia in Older Men: Results from the Observational Osteoporotic Fractures in Men Cohort Study. <b>2015</b> , 63, 2247-59	73
1828	Protein intake and muscle function in older adults. <b>2015</b> , 18, 248-53	112
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1826	Prevalência e fatores associados a sarcopenia em mulheres idosas residentes em comunidade. <b>2015</b> , 17, 460	2
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1815	Diagnostic ultrasound estimates of muscle mass and muscle quality discriminate between women with and without sarcopenia. <b>2015</b> , 6, 302		50
1814	Sarcopenic obesity and complex interventions with nutrition and exercise in community-dwelling older persons--a narrative review. <b>2015</b> , 10, 1267-82		75
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1812	Sarcopenia: evaluation of different diagnostic criteria and its association with muscle strength and functional capacity. <b>2015</b> , 18, 285-294		4
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1803	Fish oil-derived n-3 PUFA therapy increases muscle mass and function in healthy older adults. <b>2015</b> , 102, 115-22		231
1802	Television viewing, walking speed, and grip strength in a prospective cohort study. <b>2015</b> , 47, 735-42		16
1801	Chronic disuse and skeletal muscle structure in older adults: sex-specific differences and relationships to contractile function. <b>2015</b> , 308, C932-43		23
1800	Protein carbonylation and heat shock proteins in human skeletal muscle: relationships to age and sarcopenia. <b>2015</b> , 70, 174-81		44

1799	Sarcopenia in chronic kidney disease on conservative therapy: prevalence and association with mortality. <b>2015</b> , 30, 1718-25	173
1798	Potential therapeutic role of L-carnitine in skeletal muscle oxidative stress and atrophy conditions. <b>2015</b> , 2015, 646171	25
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1793	Rapid screening for sarcopenia. <b>2015</b> , 6, 312-4	35
1792	Patient Psoas Muscle Mass as a Predictor of Complications and Survival After Radical Cystectomy. <b>2015</b> , 16, 79	12
1791	Effect of alendronate on muscle mass: Investigation in patients with osteoporosis. <b>2015</b> , 1, 53-58	10
1790	Ethnic-specific cut-points for sarcopenia: evidence from black South African women. <b>2015</b> , 69, 843-9	13
1789	Effect of Angiotensin-Converting Enzyme Inhibitors on Physical Function in Elderly Subjects: A Systematic Review and Meta-Analysis. <b>2015</b> , 32, 727-35	22
1788	Muscle Quality in Older Adults: What Are the Health Implications?. <b>2015</b> , 9, 130-136	11
1787	Thoracic Revised Cardiac Risk Index Is Associated With Prognosis After Resection for Stage I Lung Cancer. <b>2015</b> , 100, 195-200	14
1786	A practical dietary strategy to maximize the anabolic response to protein in aging muscle. <b>2015</b> , 70, 55-6	4
1785	Defining sarcopenia in terms of incident adverse outcomes. <i>Journal of the American Medical Directors Association</i> , <b>2015</b> , 16, 247-52	5.9 134
1784	Functional assessment of nutrition status. <b>2015</b> , 30, 211-8	24
1783	Emerging impact of skeletal muscle in health and disease. <b>2015</b> , 96, 181-2	3
1782	Too Fit To Fracture: outcomes of a Delphi consensus process on physical activity and exercise recommendations for adults with osteoporosis with or without vertebral fractures. <b>2015</b> , 26, 891-910	68

1781	Osteosarcopenic obesity and fall prevention strategies. <b>2015</b> , 80, 126-32	54
1780	Presarcopenia and sarcopenia in hip-fracture women: prevalence and association with ability to function in activities of daily living. <b>2015</b> , 27, 465-72	40
1779	Hurrah for the increasing longevity: feasible strategies to counteract age-related loss of skeletal muscle mass. <b>2015</b> , 25, 1-2	48
1778	Soy protein ingestion results in less prolonged p70S6 kinase phosphorylation compared to whey protein after resistance exercise in older men. <b>2015</b> , 12, 6	28
1777	The Relationship of Sleep Duration with Obesity and Sarcopenia in Community-Dwelling Older Adults. <b>2015</b> , 61, 399-406	39
1776	Dysmobility syndrome and mortality risk in US men and women age 50 years and older. <b>2015</b> , 26, 93-102	25
1775	Comparisons of sarcopenia prevalence based on different diagnostic criteria in Chinese older adults. <b>2015</b> , 19, 342-7	17
1774	Strategic creatine supplementation and resistance training in healthy older adults. <b>2015</b> , 40, 689-94	39
1773	Sarcopenia and frailty in elderly trauma patients. <b>2015</b> , 39, 373-9	72
1772	Prevention and optimal management of sarcopenia: a review of combined exercise and nutrition interventions to improve muscle outcomes in older people. <b>2015</b> , 10, 859-69	177
1771	The impact of sleep on age-related sarcopenia: Possible connections and clinical implications. <b>2015</b> , 23, 210-20	59
1770	Sarcopenia, the Next Frontier in Fracture Prevention: Introduction From the Guest Editors. <b>2015</b> , 18, 459-60	5
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1768	17Estradiol and testosterone in sarcopenia: Role of satellite cells. <b>2015</b> , 24, 166-77	36
1767	An Overview of Sarcopenic Obesity. <b>2015</b> , 18, 499-505	81
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1575	A novel in vitro model of sarcopenia using BubR1 hypomorphic C2C12 myoblasts. <b>2016</b> , 68, 1705-15	7
1574	The Predictive Value of the EWGSOP Definition of Sarcopenia: Results From the InCHIANTI Study. <b>2016</b> , 71, 259-64	123
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1572	Effects of Nutritional Supplements on Muscle Mass and Activities of Daily Living in Elderly Rehabilitation Patients with Decreased Muscle Mass: A Randomized Controlled Trial. <b>2016</b> , 20, 185-91	47
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1570	Prevalence and definition of sarcopenia in community dwelling older people. Data from the Berlin aging study II (BASE-II). <b>2016</b> , 49, 94-9	23
1569	The Current Understanding of Sarcopenia: Emerging Tools and Interventional Possibilities. <b>2017</b> , 11, 167-181	10
1568	Weakness and Low Lean Mass in Women With Hip Fracture: Prevalence According to the FNIH Criteria and Association With the Short-Term Functional Recovery. <b>2017</b> , 40, 80-85	11
1567	Slow Gait Speed Is an Independent Predictor of Early Death in Older Cancer Outpatients: Results from a Prospective Cohort Study. <b>2017</b> , 21, 202-206	40
1566	Attenuation of Adverse Effects of Aging on Skeletal Muscle by Regular Exercise and Nutritional Support. <b>2017</b> , 11, 4-16	6

1565	Physical activity, diet quality, and mortality among sarcopenic older adults. <b>2017</b> , 29, 257-263		12
1564	Frailty - From concept to clinical practice. <b>2017</b> , 87, 160-167		42
1563	Measurement of maximal isometric torque and muscle quality of the knee extensors and flexors in healthy 50- to 70-year-old women. <b>2017</b> , 37, 448-455		25
1562	Relationships between sarcopenia and household status and locomotive syndrome in a community-dwelling elderly women in Japan. <b>2017</b> , 17, 54-60		23
1561	Sarcopenia and hospitalisation costs in older adults: a cross-sectional study. <b>2017</b> , 74, 46-50		43
1560	Nutritional Considerations for Healthy Aging and Reduction in Age-Related Chronic Disease. <b>2017</b> , 8, 17-26		158
1559	Translation of a tailored nutrition and resistance exercise intervention for elderly people to a real-life setting: adaptation process and pilot study. <b>2017</b> , 17, 25		15
1558	Favorable effects of skeletal muscle on bone are distinguished according to gender and skeletal sites. <b>2017</b> , 3, 32-36		4
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1556	Protein and exercise in the prevention of sarcopenia and aging. <b>2017</b> , 40, 1-20		70
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1551	Rationale for a preliminary operational definition of physical frailty and sarcopenia in the SPRINTT trial. <b>2017</b> , 29, 81-88		50
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1548	CT of Patients With Hip Fracture: Muscle Size and Attenuation Help Predict Mortality. <b>2017</b> , 208, W208-W215		48

1547	The Impact of Dietary Protein or Amino Acid Supplementation on Muscle Mass and Strength in Elderly People: Individual Participant Data and Meta-Analysis of RCT's. <b>2017</b> , 21, 994-1001	76
1546	Lower Jump Power Rather Than Muscle Mass Itself is Associated with Vertebral Fracture in Community-Dwelling Elderly Korean Women. <b>2017</b> , 100, 585-594	9
1545	Association between low lean mass and low bone mineral density in 653 women with hip fracture: does the definition of low lean mass matter?. <b>2017</b> , 29, 1271-1276	15
1544	Synergistic effects of citrulline supplementation and exercise on performance in male rats: evidence for implication of protein and energy metabolisms. <b>2017</b> , 131, 775-790	12
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1542	Physical frailty and sarcopenia (PF&S): a point of view from the industry. <b>2017</b> , 29, 69-74	7
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1540	The Plasticity of Skeletal Muscle. <b>2017</b> ,	
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1538	Muscle Ultrasound and Sarcopenia in Older Individuals: A Clinical Perspective. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 290-300	5.9 130
1537	Sarcopenia is associated with disability status-results from the KORA-Age study. <b>2017</b> , 28, 2069-2079	21
1536	Effects of Ibuprofen and Resistance Training on Bone and Muscle: A Randomized Controlled Trial in Older Women. <b>2017</b> , 49, 633-640	10
1535	Body composition assessment in the prediction of osteoporotic fractures. <b>2017</b> , 29, 394-401	13
1534	Influence of nutritional status in the diagnosis of sarcopenia in nursing home residents. <b>2017</b> , 41, 51-57	13
1533	The emerging global phenomenon of sarcopenic obesity: Role of functional foods; a conference report. <b>2017</b> , 33, 244-250	8
1532	Epidemiology of Sarcopenia: Determinants Throughout the Lifecourse. <b>2017</b> , 101, 229-247	74
1531	Insulin Treatment Attenuates Decline of Muscle Mass in Japanese Patients with Type 2 Diabetes. <b>2017</b> , 101, 1-8	20
1530	Muscle wasting and cachexia in heart failure: mechanisms and therapies. <b>2017</b> , 14, 323-341	160

1529	Clinical Definitions of Sarcopenia and Risk of Hospitalization in Community-Dwelling Older Men: The Osteoporotic Fractures in Men Study. <b>2017</b> , 72, 1383-1389		33
1528	Repeatability of Computerized Tomography-Based Anthropomorphic Measurements of Frailty in Patients With Pulmonary Fibrosis Undergoing Lung Transplantation. <b>2017</b> , 46, 300-304		7
1527	The European Association of Preventive Cardiology Exercise Prescription in Everyday Practice and Rehabilitative Training (EXPERT) tool: A digital training and decision support system for optimized exercise prescription in cardiovascular disease. Concept, definitions and construction methodology. <b>2017</b> , 24, 1017-1031		84
1526	Preserving Healthy Muscle during Weight Loss. <b>2017</b> , 8, 511-519		84
1525	Epidemiology of sarcopenia and insight into possible therapeutic targets. <b>2017</b> , 13, 340-347		90
1524	Osteosarcopenic Obesity: Prevalence and Relation With Frailty and Physical Performance in Middle-Aged and Older Women. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 733.e1-733.e5 <sup>51</sup>	5.9	51
1523	Structure and function of human muscle fibres and muscle proteome in physically active older men. <b>2017</b> , 595, 4823-4844		38
1522	Muscle strength in breast cancer patients receiving different treatment regimes. <b>2017</b> , 8, 305-316		72
1521	Impact of poor muscle strength on clinical and service outcomes of older people during both acute illness and after recovery. <b>2017</b> , 17, 123		16
1520	Sarcopenia. <b>2017</b> , 33, 305-314		61
1519	Rapid Geriatric Assessment: Secondary Prevention to Stop Age-Associated Disability. <b>2017</b> , 33, 431-440		12
1518	Temporary ipsilateral stiff shoulder after operative fixation of distal radial fractures. <b>2017</b> , 26, 923-930		1
1517	Age-dependent changes in physical performance and body composition in community-dwelling Japanese older adults. <b>2017</b> , 8, 607-614		54
1516	Interventions for Treating Sarcopenia: A Systematic Review and Meta-Analysis of Randomized Controlled Studies. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 553.e1-553.e16	5.9	164
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1511	Nutritional assessment of elderly patients on dialysis: pitfalls and potentials for practice. <b>2017</b> , 32, 1780-1789	14
1510	Clinical relevance of sarcopenia in chronic kidney disease. <b>2017</b> , 26, 219-228	116
1509	Osteoporosis, obesity, and sarcopenia on abdominal CT: a review of epidemiology, diagnostic criteria, and management strategies for the reporting radiologist. <b>2017</b> , 42, 2376-2386	30
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1507	Resistance Training for Glycemic Control, Muscular Strength, and Lean Body Mass in Old Type 2 Diabetic Patients: A Meta-Analysis. <b>2017</b> , 8, 459-473	44
1506	Malnutrition or frailty? Overlap and evidence gaps in the diagnosis and treatment of frailty and malnutrition. <b>2017</b> , 42, 449-458	66
1505	Medical costs of a low skeletal muscle mass are modulated by dietary diversity and physical activity in community-dwelling older Taiwanese: a longitudinal study. <b>2017</b> , 14, 31	19
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1503	Frailty and Primary Sarcopenia: A Review. <b>2017</b> , 1020, 53-68	15
1502	Moderate-intensity resistance exercise alters skeletal muscle molecular and cellular structure and function in inactive older adults with knee osteoarthritis. <b>2017</b> , 122, 775-787	28
1501	Exercise and nutritional approaches to prevent frail bones, falls and fractures: an update. <b>2017</b> , 20, 119-124	47
1500	Sarcopenia and its individual criteria are associated, in part, with mortality among patients on hemodialysis. <b>2017</b> , 92, 238-247	105
1499	Body Composition Analysis by Using Bioelectrical Impedance in a Young Healthy Chinese Population: Methodological Considerations. <b>2017</b> , 38, 172-181	6
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1497	Development of a simple predictive model for decreased skeletal muscle mass in patients with compensated chronic liver disease. <b>2017</b> , 47, 1223-1234	14
1496	Sarcopenia is associated with severe liver fibrosis in patients with non-alcoholic fatty liver disease. <b>2017</b> , 45, 510-518	111
1495	Sarcopenia and frailty in chronic respiratory disease. <b>2017</b> , 14, 85-99	105
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1490	A review of sarcopenia: Enhancing awareness of an increasingly prevalent disease. <b>2017</b> , 105, 276-286	162
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1488	Cellular immune activation in Sardinian middle-aged, older adults and centenarians. <b>2017</b> , 99, 133-137	4
1487	The role of declining adaptive homeostasis in ageing. <b>2017</b> , 595, 7275-7309	85
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1482	Nutrition Screening vs Nutrition Assessment: What's the Difference?. <b>2018</b> , 33, 62-72	21
1481	Prolonged force depression after mechanically demanding contractions is largely independent of Ca and reactive oxygen species. <b>2017</b> , 31, 4809-4820	19
1480	Sarcopenia as a predictor of all-cause mortality among community-dwelling older people: A systematic review and meta-analysis. <b>2017</b> , 103, 16-22	135
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1478	Current review of the SarQoL <sup>®</sup> : a health-related quality of life questionnaire specific to sarcopenia. <b>2017</b> , 17, 335-341	19
1477	Comparisons of three different methods for defining sarcopenia: An aspect of cardiometabolic risk. <b>2017</b> , 7, 6491	33
1476	The cortisol-activating enzyme 11 $\beta$ hydroxysteroid dehydrogenase type 1 in skeletal muscle in the pathogenesis of the metabolic syndrome. <b>2017</b> , 174, 65-71	8

1475	Australian and New Zealand Society for Geriatric Medicine Position Statement Abstract: Undernutrition and the older person. <b>2017</b> , 36, 75		3
1474	Muscle adjustment methods may affect the association of muscle mass with novel dietary protein food clusters. <b>2017</b> , 106, 702-703		
1473	Effect of Structured Physical Activity and Nutritional Supplementation on Physical Function in Mobility-Limited Older Adults: Results from the VIVE2 Randomized Trial. <b>2017</b> , 21, 936-942		34
1472	Sarcopenia increases risk of long-term mortality in elderly patients undergoing emergency abdominal surgery. <b>2017</b> , 83, 1179-1186		53
1471	Sarcopenia: Relocating the Forest among the Trees. <b>2017</b> , 45, 957-960		4
1470	Comparison of spinal alignment, muscular strength, and quality of life between women with postmenopausal osteoporosis and healthy volunteers. <b>2017</b> , 28, 3153-3160		25
1469	Role of Inactivity in Chronic Diseases: Evolutionary Insight and Pathophysiological Mechanisms. <b>2017</b> , 97, 1351-1402		251
1468	A Decade of JAMDA. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 993-997	5.9	
1467	Casting the net broader to confirm our imaginations: the long road to treating wasting disorders. <b>2017</b> , 8, 870-880		14
1466	The effect of whole-body vibration training on lean mass: A PRISMA-compliant meta-analysis. <b>2017</b> , 96, e8390		13
1465	Sarcopenia. <b>2017</b> , 31, 218-242		56
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1463	Nutrition and Muscle in Cirrhosis. <b>2017</b> , 7, 340-357		64
1462	Weight cycling and the subsequent onset of type 2 diabetes mellitus: 10-year cohort studies in urban and rural Japan. <b>2017</b> , 7, e014684		12
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1454	Prevalence of sarcopenia in the world: a systematic review and meta- analysis of general population studies. <b>2017</b> , 16, 21	372
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1452	Sarcopenia and Predictors of Skeletal Muscle Mass in Elderly Men With and Without Obesity. <b>2017</b> , 3, 2333721417713637	10
1451	Surgery-Related Muscle Loss and Its Association with Postoperative Complications After Major Hepatectomy with Extrahepatic Bile Duct Resection. <b>2017</b> , 41, 498-507	16
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1448	Oral Drugs Related with Muscle Wasting and Sarcopenia. A Review. <b>2017</b> , 99, 1-8	48
1447	Towards a multidisciplinary approach to understand and manage obesity and related diseases. <b>2017</b> , 36, 917-938	98
1446	Sarcopenia and physical independence in older adults: the independent and synergic role of muscle mass and muscle function. <b>2017</b> , 8, 245-250	99
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1443	Relationship Between Adiposity Indices, Lipodystrophy, and Sarcopenia in HIV-Positive Individuals With and Without Lipodystrophy. <b>2017</b> , 20, 73-81	11
1442	Effect of a High-Protein Energy-Restricted Diet Combined with Resistance Training on Metabolic Profile in Older Individuals with Metabolic Impairments. <b>2017</b> , 21, 67-74	21
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1440	Prevalence of sarcopenia and associated factors in the healthy older adults of the Peruvian Andes. <b>2017</b> , 68, 49-54	26

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1438	Prognostic Usefulness of Arm and Calf Circumference in Patients ≥5 Years of Age With Cardiovascular Disease. <b>2017</b> , 119, 186-191	25
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1431	ESPEN guidelines on definitions and terminology of clinical nutrition. <b>2017</b> , 36, 49-64	785
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1425	Reply to G Bahat and MA Karan. <b>2017</b> , 106, 703	
1424	Muscle Mechanography: A Novel Method to Measure Muscle Function in Older Adults. <b>2017</b> , 10, 17-24	16
1423	The impact of frailty and sarcopenia on postoperative outcomes in older patients undergoing gastrectomy surgery: a systematic review and meta-analysis. <b>2017</b> , 17, 188	76
1422	Development of the Nutrition and Functionality Assessment (NFA) among Older Adults in Japan. <b>2018</b> , 7, 187-192	1

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1420	Prevalence of sarcopenia in community-dwelling older people of Mexico City using the EGWSOP (European Working Group on Sarcopenia in Older People) diagnostic criteria. <b>2017, 2,</b>	3
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1418	The Effect of Sarcopenia on Outcomes in Geriatric Blunt Trauma. <b>2017, 83, 1203-1208</b>	13
1417	Aging in Rats Differentially Affects Markers of Transcriptional and Translational Capacity in Soleus and Plantaris Muscle. <b>2017, 8, 518</b>	17
1416	Higher Protein Intake Does Not Improve Lean Mass Gain When Compared with RDA Recommendation in Postmenopausal Women Following Resistance Exercise Protocol: A Randomized Clinical Trial. <b>2017, 9,</b>	18
1415	Orofacial characteristics of functionally independent elders. <b>2017, 29, e20160240</b>	2
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1413	Relationship between sarcopenia and physical activity in older people: a systematic review and meta-analysis. <b>2017, 12, 835-845</b>	179
1412	Effect of creatine supplementation during resistance training on lean tissue mass and muscular strength in older adults: a meta-analysis. <b>2017, 8, 213-226</b>	92
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1404	Comparison of the performance of five screening methods for sarcopenia. <b>2018, 10, 71-82</b>	59

1403	Anthropometric indicators as a screening tool for sarcopenia in older adults from Florianópolis, Santa Catarina: EpiFloripa Ageing study. <b>2017</b> , 30, 287-296	4
1402	Dysmobility syndrome: current perspectives. <b>2017</b> , 12, 145-152	19
1401	Relationship between Regional Body Fat Distribution and Diabetes Mellitus: 2008 to 2010 Korean National Health and Nutrition Examination Surveys. <b>2017</b> , 41, 51-59	24
1400	Reference standards for lean mass measures using GE dual energy x-ray absorptiometry in Caucasian adults. <b>2017</b> , 12, e0176161	31
1399	Health Outcomes of Sarcopenia: A Systematic Review and Meta-Analysis. <b>2017</b> , 12, e0169548	426
1398	Handgrip strength values of Portuguese older adults: a population based study. <b>2017</b> , 17, 191	29
1397	Differences in handgrip strength protocols to identify sarcopenia and frailty - a systematic review. <b>2017</b> , 17, 238	86
1396	Epidemiology of Sarcopenia and Frailty. <b>2017</b> ,	2
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1394	Nutritional Management of Esophageal Cancer Patients. <b>2017</b> ,	1
1393	Gender-Specific Associations between Low Skeletal Muscle Mass and Albuminuria in the Middle-Aged and Elderly Population. <b>2017</b> , 14, 1054-1064	2
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1391	The increase in health care costs associated with muscle weakness in older people without long-term illnesses in the Czech Republic: results from the Survey of Health, Ageing and Retirement in Europe (SHARE). <b>2017</b> , 12, 2003-2007	38
1390	Effects of Diet Intervention on Body Composition in the Elderly with Chronic Kidney Disease. <b>2017</b> , 14, 735-740	9
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1388	Incidence of diabetes and its mortality according to body mass index in South Koreans aged 40-79 years. <b>2017</b> , 9, 667-678	7
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1385	Relationship of quadriceps muscle power and optimal shortening velocity with angiotensin-converting enzyme activity in older women. <b>2017</b> , 12, 1753-1760		7
1384	Diabetes and Sarcopenia. <b>2017</b> , 18, 239		1
1383	Sarcopenia predicts reduced survival in patients with hepatocellular carcinoma at first diagnosis. <b>2017</b> , 16, 107-114		36
1382	Factors Affecting Sarcopenia in Korean Adults by Age Groups. <b>2017</b> , 8, 169-178		21
1381	MicroRNA-434-3p regulates age-related apoptosis through eIF5A1 in the skeletal muscle. <b>2017</b> , 9, 1012-1029		22
1380	Hormones and Sarcopenia. <b>2017</b> , 23, 4484-4492		35
1379	Skeletal muscle aging: influence of oxidative stress and physical exercise. <b>2017</b> , 8, 20428-20440		123
1378	Sarcopenia in the Context of Skeletal Muscle Function Deficit (SMFD). <b>2017</b> ,		
1377	Calcium supplementation in osteoporosis: useful or harmful?. <b>2018</b> , 178, D13-D25		24
1376	Sarcopenia in Parkinson Disease: Comparison of Different Criteria and Association With Disease Severity. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 523-527	5.9	36
1375	Screening Sarcopenia in Community-Dwelling Older Adults: SARC-F vs SARC-F Combined With Calf Circumference (SARC-CalF). <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 277.e1-277.e8 <sup>9</sup>		57
1374	Body Mass Index as a Risk Factor for Toxicities in Patients with Advanced Soft-Tissue Sarcoma Treated with Trabectedin. <b>2018</b> , 95, 1-7		5
1373	Prior fragility fracture and risk of incident ischaemic cardiovascular events: results from UK Biobank. <b>2018</b> , 29, 1321-1328		5
1372	Editorial: Orthogeriatrics and Hip Fractures. <b>2018</b> , 22, 457-462		2
1371	Association of sarcopenia and fractures in community-dwelling older adults: a systematic review and meta-analysis of cohort studies. <b>2018</b> , 29, 1253-1262		26
1370	Increased Single-Fiber Jitter Level Is Associated With Reduction in Motor Function With Aging. <b>2018</b> , 97, 551-556		6
1369	Prosarcopenic Effects of Statins May Limit Their Effectiveness in Patients with Heart Failure. <b>2018</b> , 39, 331-353		13
1368	Role of metastasis-directed treatment in kidney cancer. <b>2018</b> , 124, 3641-3655		29

1367	Effect of Protein Supplementation During Diet-Induced Weight Loss on Muscle Mass and Strength: A Randomized Controlled Study. <b>2018</b> , 26, 854-861	11
1366	Age-related changes in the range and velocity of postural sway. <b>2018</b> , 77, 68-80	39
1365	Association of Sarcopenia With Nutritional Parameters, Quality of Life, Hospitalization, and Mortality Rates of Elderly Patients on Hemodialysis. <b>2018</b> , 28, 197-207	57
1364	Paradigm Shift in Geriatric Low Back Pain Management: Integrating Influences, Experiences, and Consequences. <b>2018</b> , 98, 434-446	10
1363	[Sarcopenia and frailty in older patients with rheumatism]. <b>2018</b> , 77, 379-384	1
1362	Gait Speed and Mobility Disability: Revisiting Meaningful Levels in Diverse Clinical Populations. <b>2018</b> , 66, 954-961	20
1361	Is Iron Accumulation a Possible Risk Factor for Sarcopenia?. <b>2018</b> , 186, 379-383	6
1360	The Role of Blood Flow Restriction Training to Mitigate Sarcopenia, Dynapenia, and Enhance Clinical Recovery. <b>2018</b> , 33, 98-105	3
1359	Anthropometric and demographic predictors of handgrip strength and lean mass quality in hospitalized individuals. <b>2018</b> , 24, 58-61	2
1358	Systematic review and meta-analysis of prevalence of sarcopenia in post acute inpatient rehabilitation. <b>2018</b> , 29, 805-812	41
1357	Exercise alone or combined with dietary supplements for sarcopenic obesity in community-dwelling older people: A systematic review of randomized controlled trials. <b>2018</b> , 110, 92-103	21
1356	Development and validation of a clinically applicable score to classify cachexia stages in advanced cancer patients. <b>2018</b> , 9, 306-314	26
1355	Training Load Indices, Perceived Tolerance, and Enjoyment Among Different Models of Resistance Training in Older Adults. <b>2018</b> , 32, 867-875	5
1354	Potential Role of MicroRNA in the Anabolic Capacity of Skeletal Muscle With Aging. <b>2018</b> , 46, 86-91	15
1353	Pitfalls in the measurement of muscle mass: a need for a reference standard. <b>2018</b> , 9, 269-278	294
1352	Age-related reduction in single muscle fiber calcium sensitivity is associated with decreased muscle power in men and women. <b>2018</b> , 102, 84-92	9
1351	The sarcopenia index: A novel measure of muscle mass in lung transplant candidates. <b>2018</b> , 32, e13182	42
1350	The association of low muscle mass with soluble receptor for advanced glycation end products (sRAGE): The Korean Sarcopenic Obesity Study (KSOS). <b>2018</b> , 34, e2974	9

1349	Cross-cultural adaptation and validation of the SARC-F to assess sarcopenia: methodological report from European Union Geriatric Medicine Society Sarcopenia Special Interest Group. <b>2018</b> , 9, 23-28	23
1348	Sarcopenia in Peripheral Arterial Disease: Prevalence and Effect on Functional Status. <b>2018</b> , 99, 623-628	25
1347	Untangling the overlap between frailty and low lean mass: Data from Toulouse frailty day hospital. <b>2018</b> , 75, 209-213	4
1346	Chronic inflammation and sarcopenia: A regenerative cell therapy perspective. <b>2018</b> , 103, 115-123	38
1345	Malnutrition in Gastrointestinal Disorders: Detection and Nutritional Assessment. <b>2018</b> , 47, 1-22	8
1344	Severe sarcopenia might be associated with a decline of physical independence in older patients undergoing chemotherapeutic treatment. <b>2018</b> , 26, 1781-1789	9
1343	Short-term disuse promotes fatty acid infiltration into skeletal muscle. <b>2018</b> , 9, 335-347	39
1342	Frailty Syndrome and Genomic Instability in Older Adults: Suitability of the Cytome Micronucleus Assay As a Diagnostic Tool. <b>2018</b> , 73, 864-872	11
1341	Quantifying Sarcopenia Reference Values Using Lumbar and Thoracic Muscle Areas in a Healthy Population. <b>2017</b> , 21, 180-185	50
1340	The risks of sarcopenia, falls and fractures in patients with type 2 diabetes mellitus. <b>2018</b> , 109, 70-77	28
1339	Editorial: Geriatrics in the 21st Century. <b>2018</b> , 22, 186-190	1
1338	French translation and validation of the sarcopenia screening tool SARC-F. <b>2018</b> , 9, 29-37	16
1337	"Feeling More Self-Confident, Cheerful and Safe". Experiences from a Health-Promoting Intervention in Community Dwelling Older Adults - A Qualitative Study. <b>2018</b> , 22, 541-548	5
1336	Skeletal Muscle Power Measurement in Older People: A Systematic Review of Testing Protocols and Adverse Events. <b>2018</b> , 73, 914-924	30
1335	Associations of Sarcopenia Definitions, and Their Components, With the Incidence of Recurrent Falling and Fractures: The Longitudinal Aging Study Amsterdam. <b>2018</b> , 73, 1199-1204	154
1334	Frailty in elderly diabetes patients. <b>2018</b> , 65, 1-11	55
1333	A 'musculoskeletal look' to sarcopenia: Where do/should the physical and rehabilitation medicine physicians (physiatrists) stand?. <b>2018</b> , 41, 95-96	6
1332	Effect of whole-body electromyostimulation and / or protein supplementation on obesity and cardiometabolic risk in older men with sarcopenic obesity: the randomized controlled FranSO trial. <b>2018</b> , 18, 70	18

1331	Controlled, cross-sectional, multi-center study of physical capacity and associated factors in women with fibromyalgia. <b>2018</b> , 19, 121	15
1330	Characteristics of hyperuricemia in older adults in China and possible associations with sarcopenia. <b>2018</b> , 1, 23-34	4
1329	Could bioelectric impedance spectroscopy (BIS) measured appendicular intracellular water serve as a lean mass measurement in sarcopenia definitions? A pilot study. <b>2018</b> , 29, 1653-1657	5
1328	Force-velocity profiling in older adults: An adequate tool for the management of functional trajectories with aging. <b>2018</b> , 108, 1-6	36
1327	A review of telomere length in sarcopenia and frailty. <b>2018</b> , 19, 209-221	25
1326	Impact of medication on protein and amino acid metabolism in the elderly: the sulfur amino acid and paracetamol case. <b>2018</b> , 31, 179-192	4
1325	Assessment of sarcopenia in virally suppressed HIV-infected Asians receiving treatment. <b>2018</b> , 32, 1025-1034	11
1324	Combination of hindlimb suspension and immobilization by casting exaggerates sarcopenia by stimulating autophagy but does not worsen osteopenia. <b>2018</b> , 110, 29-37	13
1323	Influences of Resistance Training on Physical Function in Older, Obese Men and Women With Sarcopenia. <b>2018</b> , 41, 20-27	17
1322	Polypharmacy as a Risk Factor for Clinically Relevant Sarcopenia: Results From the Berlin Aging Study II. <b>2017</b> , 73, 117-122	48
1321	Sarcopenia and relationships between muscle mass, measured glomerular filtration rate and physical function in patients with chronic kidney disease stages 3-5. <b>2018</b> , 33, 342-348	73
1320	Physical Performance and Serum 25(OH)vitamin D Status in Community Dwelling Old Mobility Limited Adults: A Cross-Sectional Study. <b>2018</b> , 22, 1-7	7
1319	Longitudinal Associations Between Vitamin D Metabolites and Sarcopenia in Older Australian men: The Concord Health and Aging in Men Project. <b>2017</b> , 73, 131-138	31
1318	Association between muscle function, cognitive state, depression symptoms and quality of life of older people: evidence from clinical practice. <b>2018</b> , 30, 351-357	13
1317	Sarcopenia and physical function are associated with inflammation and arteriosclerosis in community-dwelling people: The Yakumo study. <b>2018</b> , 28, 345-350	41
1316	Nutritional Supplementation With Physical Activity Improves Muscle Composition in Mobility-Limited Older Adults, The VIVE2 Study: A Randomized, Double-Blind, Placebo-Controlled Trial. <b>2017</b> , 73, 95-101	79
1315	FNIH-defined Sarcopenia Predicts Adverse Outcomes Among Community-Dwelling Older People in Taiwan: Results From I-Lan Longitudinal Aging Study. <b>2018</b> , 73, 828-834	22
1314	Hand grip strength as a predictor of postoperative complications in esophageal cancer patients undergoing esophagectomy. <b>2018</b> , 15, 10-18	22



1313	Prevalence and predictive value of pre-therapeutic sarcopenia in cancer patients: A systematic review. <b>2018</b> , 37, 1101-1113		146
1312	Instrumented Assessment of Physical Activity Is Associated With Muscle Function but Not With Muscle Mass in a General Population. <b>2018</b> , 30, 1462-1481		14
1311	Gut Microbiota Contribute to Age-Related Changes in Skeletal Muscle Size, Composition, and Function: Biological Basis for a Gut-Muscle Axis. <b>2018</b> , 102, 433-442		140
1310	A 3-Item SARC-F. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 223-228	5.9	14
1309	Quality evaluation of low fat bologna-type meat product with a nutritional profile designed for the elderly. <b>2018</b> , 135, 115-122		12
1308	Impact of the calcium form of β-hydroxy-β-methylbutyrate upon human skeletal muscle protein metabolism. <b>2018</b> , 37, 2068-2075		30
1307	Potential roles of vitamin E in age-related changes in skeletal muscle health. <b>2018</b> , 49, 23-36		28
1306	Targeting mitochondrial function and proteostasis to mitigate dynapenia. <b>2018</b> , 118, 1-9		18
1305	Effects of leucine-enriched essential amino acid and whey protein bolus dosing upon skeletal muscle protein synthesis at rest and after exercise in older women. <b>2018</b> , 37, 2011-2021		54
1304	Frailty and skeletal muscle in older adults with cancer. <b>2018</b> , 9, 68-73		30
1303	Nutritional supplementation for activities of daily living and functional ability of older people in residential facilities: A systematic review. <b>2018</b> , 18, 197-210		7
1302	Different nutritional assessment tools as predictors of postoperative complications in patients undergoing colorectal cancer resection. <b>2018</b> , 37, 1505-1511		31
1301	Validation of the Korean Version of the SARC-F Questionnaire to Assess Sarcopenia: Korean Frailty and Aging Cohort Study. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 40-45.e1	5.9	75
1300	"Yubi-wakka" (finger-ring) test: A practical self-screening method for sarcopenia, and a predictor of disability and mortality among Japanese community-dwelling older adults. <b>2018</b> , 18, 224-232		24
1299	Addressing Obesity in Aging Patients. <b>2018</b> , 102, 65-85		65
1298	Vitamin B12 deficiency and impaired expression of myonless during aging. <b>2018</b> , 9, 41-52		25
1297	Changes in body mass index and mid-upper arm circumference in relation to all-cause mortality in older adults. <b>2018</b> , 37, 2252-2259		25
1296	Low protein intake, muscle strength and physical performance in the very old: The Newcastle 85+ Study. <b>2018</b> , 37, 2260-2270		49

1295	A Novel Preoperative Skeletal Muscle Measure as a Predictor of Postoperative Complications, Long-Term Survival and Tumor Recurrence for Patients with Gastric Cancer After Radical Gastrectomy. <b>2018</b> , 25, 439-448	27
1294	Anthropometric Changes in Patients with Pancreatic Cancer Undergoing Preoperative Therapy and Pancreatoduodenectomy. <b>2018</b> , 22, 703-712	24
1293	Sarcopenia after induction therapy in childhood acute lymphoblastic leukemia: its clinical significance. <b>2018</b> , 107, 486-489	28
1292	Geriatric Emergency Medicine. <b>2018</b> ,	5
1291	Malnutrition and sarcopenia in a large cohort of patients with systemic sclerosis. <b>2018</b> , 37, 987-997	37
1290	Quality of life in sarcopenia measured with the SarQoL <sup>®</sup> : impact of the use of different diagnosis definitions. <b>2018</b> , 30, 307-313	38
1289	Effects of exercise improves muscle strength and fat mass in patients with high fracture risk: A randomized control trial. <b>2018</b> , 117, 572-582	12
1288	Loss of skeletal muscle mass in patients with chronic liver disease is related to decrease in bone mineral density and exercise tolerance. <b>2018</b> , 48, 345-354	8
1287	Low bone mineral density in middle-aged women: a red flag for sarcopenia. <b>2018</b> , 25, 324-328	7
1286	Changes in body composition and muscle attenuation during taxane-based chemotherapy in patients with metastatic breast cancer. <b>2018</b> , 168, 95-105	25
1285	Skeletal muscle performance and ageing. <b>2018</b> , 9, 3-19	274
1284	Sarcopenia in Children With End-Stage Liver Disease. <b>2018</b> , 66, 222-226	40
1283	The Brazilian Back Complaints in the Elders (Brazilian BACE) study: characteristics of Brazilian older adults with a new episode of low back pain. <b>2018</b> , 22, 55-63	10
1282	Plasma Sphingolipids are Associated With Gait Parameters in the Mayo Clinic Study of Aging. <b>2018</b> , 73, 960-965	13
1281	Muscle Weakness and Physical Disability in Older Americans: Longitudinal Findings from the U.S. Health and Retirement Study. <b>2018</b> , 22, 501-507	27
1280	Analysis of 2 Operational Criteria Related to Muscle Loss in Elderly Brazilian Women. <b>2018</b> , 34, 155-161	
1279	Correlation between hand grip strength and nutritional status in elderly patients. <b>2018</b> , 1073, 042032	3
1278	Validation of the Chinese version of the Mini Sarcopenia Risk Assessment questionnaire in community-dwelling older adults. <b>2018</b> , 97, e12426	10

1277	Sarcopenia is poor prognostic factor in older patients with locally advanced rectal cancer who received preoperative or postoperative chemoradiotherapy. <b>2018</b> , 97, e13363	20
1276	The Role of Ultrasound as a Diagnostic Tool for Sarcopenia. <b>2018</b> , 7, 258-261	21
1275	Treatment of sarcopenia: the road to the future. <b>2018</b> , 9, 1196-1199	37
1274	Older Adults Using Citizen Science to Create Change in Their Neighborhood Environment. <b>2018</b> , 15,	15
1273	Trainability of leg strength by whole-body electromyostimulation during adult lifespan: a study with male cohorts. <b>2018</b> , 13, 2495-2502	9
1272	Relationship between skeletal muscle mass and lung function in Korean adults without clinically apparent lung disease. <b>2018</b> , 97, e12281	26
1271	Race and socioeconomic effect on sarcopenia and sarcopenic obesity in the Louisiana Osteoporosis Study (LOS). <b>2018</b> , 3,	5
1270	Prevalence of older adults with low muscle mass living in a residential continuing care retirement community in Florida. <b>2018</b> , 7, 83	1
1269	Sarcopenia: uma revis�o narrativa das defini�es. <b>2018</b> , 16,	
1268	Neuromuscular Changes with Aging and Sarcopenia. <b>2019</b> , 8, 7-9	26
1267	Single Physical Performance Measures Cannot Identify Geriatric Outpatients with Sarcopenia. <b>2018</b> , 7, 262-267	7
1266	Malnutrition, frailty, sarcopenia, obesity�optimizing nutrition care in liver transplantation. <b>2018</b> , 3, 22-22	1
1265	Body Composition and Its Clinical Outcome in Maintenance Hemodialysis Patients. <b>2018</b> ,	
1264	57 Malnutrition im Alter, Sarkopenie und Frailty. <b>2018</b> ,	
1263	The International Registry of patients with sarcopenia: applying research in sarcopenia to clinical practice. <b>2018</b> , 9, 735-738	3
1262	Sarcopenia predicts poor outcomes in urgent exploratory laparotomy. <b>2018</b> , 216, 1107-1113	8
1261	Is there a definition of low lean mass that captures the associated low bone mineral density? A cross-sectional study of 80 men with hip fracture. <b>2018</b> , 30, 1429-1435	3
1260	An update on methods for sarcopenia diagnosis: from bench to bedside. <b>2018</b> , 12, 97	4

1259	Quantitative analysis of skeletal muscle by computed tomography imaging-State of the art. <b>2018</b> , 15, 91-103	69
1258	Effect of exercise and nutritional supplementation on health-related quality of life and mood in older adults: the VIVE2 randomized controlled trial. <b>2018</b> , 18, 286	12
1257	Ultrasound measurements of gastrocnemius muscle thickness in older people with sarcopenia. <b>2018</b> , 13, 2193-2199	12
1256	Changes of Maximum Leg Strength Indices During Adulthood a Cross-Sectional Study With Non-athletic Men Aged 19-91. <b>2018</b> , 9, 1524	6
1255	International Clinical Practice Guidelines for Sarcopenia (ICFSR): Screening, Diagnosis and Management. <b>2018</b> , 22, 1148-1161	276
1254	Isolated Soy Protein Supplementation and Exercise Improve Fatigue-Related Biomarker Levels and Bone Strength in Ovariectomized Mice. <b>2018</b> , 10,	5
1253	Do we need a reference standard for the muscle mass measurements?. <b>2018</b> , 5, 741-744	4
1252	Muscle Mass, Quality, and Composition Changes During Atrophy and Sarcopenia. <b>2018</b> , 1088, 47-72	9
1251	A method for measuring human body composition using digital images. <b>2018</b> , 13, e0206430	8
1250	Impact of Sarcopenia in Healthy Aging and Suggested Interventions. <b>2018</b> , 305-322	
1249	Complementary Biomarker Assessment of Components Absorbed from Diet and Creatinine Excretion Rate Reflecting Muscle Mass in Dialysis Patients. <b>2018</b> , 10,	7
1248	Cancer; an induced disease of twentieth century! Induction of tolerance, increased entropy and 'Dark Energy': loss of biorhythms (Anabolism v. Catabolism). <b>2018</b> , 7, 20	8
1247	The vision of bedfast nursing home residents of their quality of life and the contribution of technological innovations in and around the bed. <b>2018</b> , 12, 35-44	1
1246	Nutrient-rich, high-quality, protein-containing dairy foods in combination with exercise in aging persons to mitigate sarcopenia. <b>2019</b> , 77, 216-229	24
1245	Which Index for Muscle Mass Represents an Aging Process?. <b>2018</b> , 25, 219-226	4
1244	Exploring the link between metabolic syndrome and risk of dysmobility syndrome in elderly population. <b>2018</b> , 13, e0207608	1
1243	Provisional cut-off points for the diagnosis of sarcopenia in elderly people from Caldas (Colombia). <b>2018</b> , 38, 521-526	7
1242	Measuring Sarcopenia Severity in Older Adults and the Value of Effective Interventions. <b>2018</b> , 22, 1253-1258	2

1241	Subjective Sleep Quality among Sarcopenic and Non-Sarcopenic Older Adults: Results from the SarcoPhAge Cohort. <b>2018</b> , 7, 176-181	6
1240	Effects of Resistance Exercise on Bone Health. <b>2018</b> , 33, 435-444	68
1239	Preoperative Sarcopenia Portends Worse Outcomes After Descending Thoracic Aortic Aneurysm Repair. <b>2018</b> , 106, 1333-1339	11
1238	The Effect of Fun Physical Activities on Sarcopenia Progression among Elderly Residents in Nursing Homes: a Randomized Controlled Trial. <b>2018</b> , 7, 137-142	2
1237	Polish Validation of the SarQoL, a Quality of Life Questionnaire Specific to Sarcopenia. <b>2018</b> , 7,	17
1236	mRNA expressions of peroxisome proliferator-activated receptor gamma coactivator 1 $\beta$ tumor necrosis factor- $\alpha$ and interleukin-6 in paraspinal muscles of patients with lumbar kyphosis: a preliminary study. <b>2018</b> , 13, 1633-1638	3
1235	Calf Circumference as a Simple Screening Marker for Diagnosing Sarcopenia in Older Korean Adults: the Korean Frailty and Aging Cohort Study (KFACS). <b>2018</b> , 33, e151	48
1234	Defining sarcopenia in terms of skeletal health. <b>2018</b> , 13, 100	4
1233	Sarcopenic obesity associated with high-sensitivity C-reactive protein in age and sex comparison: a two-center study in South Korea. <b>2018</b> , 8, e021232	17
1232	Recent Progress in Sarcopenia Research: a Focus on Operationalizing a Definition of Sarcopenia. <b>2018</b> , 16, 730-737	17
1231	Nutrition and physical performance in older people-effects of marine protein hydrolysates to prevent decline in physical performance: a randomised controlled trial protocol. <b>2018</b> , 8, e023845	10
1230	Prevention of low bone mass to achieve high bone density in Mexico: position of the Mexican Association for Bone and Mineral Metabolism. <b>2018</b> , 13, 105	4
1229	Intracellular-to-total water ratio explains the variability of muscle strength dependence on the size of the lower leg in the elderly. <b>2018</b> , 113, 120-127	6
1228	Applications of the new ESPEN definition of malnutrition and SARC-F in Chinese nursing home residents. <b>2018</b> , 8, 14971	2
1227	Muscle Atrophy in Chronic Kidney Disease. <b>2018</b> , 1088, 393-412	11
1226	Molecular Basis and Emerging Strategies for Anti-aging Interventions. <b>2018</b> ,	1
1225	Association between Sarcopenic Obesity, Type 2 Diabetes, and Hypertension in Overweight and Obese Treatment-Seeking Adult Women. <b>2018</b> , 5,	22
1224	Nutrition and physical activity countermeasures for sarcopenia: Time to get personal?. <b>2018</b> , 43, 374-387	7

1223	Sarcopenia and Osteoporosis. <b>2018</b> , 498-504		
1222	Prevention of Falls. <b>2018</b> , 526-533		1
1221	Impact of sarcopenia on prognostic value of cirrhosis: going beyond the hepatic venous pressure gradient and MELD score. <b>2018</b> , 9, 860-870		48
1220	Testosterone and Sarcopenia. <b>2018</b> , 36, 192-198		36
1219	Application of ultrasound for muscle assessment in sarcopenia: towards standardized measurements. <b>2018</b> , 9, 739-757		60
1218	Cognitive Frailty Predicts Incident Dementia among Community-Dwelling Older People. <b>2018</b> , 7,		45
1217	Protein-Amino Acid Metabolism Disarrangements: The Hidden Enemy of Chronic Age-Related Conditions. <b>2018</b> , 10,		26
1216	Pontos de corte alternativos para massa muscular apendicular para verificaçã da sarcopenia em idosos brasileiros: dados da Rede Fibra - Belo Horizonte/Brasil. <b>2018</b> , 25, 166-172		4
1215	Sarcopenia-A baby boomers dilemma for nurse practitioners to discover, diagnose, and treat. <b>2018</b> , 8, 77		3
1214	6.6.4 Periprosthetic fractures. <b>2018</b> ,		
1213	Sarcopenia: Beyond Muscle Atrophy and into the New Frontiers of Opportunistic Imaging, Precision Medicine, and Machine Learning. <b>2018</b> , 22, 307-322		44
1212	Loss of Muscle Mass is a Novel Predictor of Postoperative Early Recurrence in N2-Positive Non-Small-Cell Lung Cancer. <b>2018</b> , 24, 121-126		12
1211	SARC-F for Screening of Sarcopenia Among Older Adults: A Meta-analysis of Screening Test Accuracy. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 685-689	5.9	93
1210	Body composition and physical function in the Women's Health Initiative Observational Study. <b>2018</b> , 11, 15-22		10
1209	The Relation between Sarcopenia and Mortality in Patients at Intensive Care Unit. <b>2018</b> , 2018, 5263208		27
1208	Preoperative skeletal muscle index vs the controlling nutritional status score: Which is a better objective predictor of long-term survival for gastric cancer patients after radical gastrectomy?. <b>2018</b> , 7, 3537-3547		21
1207	Reference values for hand grip strength in the South Korean population. <b>2018</b> , 13, e0195485		38
1206	Predicting outcomes in very old ICU patients: time to focus on the past?. <b>2018</b> , 44, 1344-1345		7

1205	Comparing SARC-F with SARC-CalF to Screen Sarcopenia in Community Living Older Adults. <b>2018</b> , 22, 1034-1038	33
1204	Performance of SARC-F in Regard to Sarcopenia Definitions, Muscle Mass and Functional Measures. <b>2018</b> , 22, 898-903	76
1203	Sarcopenia: A Rheumatic Disease?. <b>2018</b> , 44, 393-404	12
1202	The impact of sarcopenic obesity on knee and hip osteoarthritis: a scoping review. <b>2018</b> , 19, 271	36
1201	Sarcopenic obesity in older adults: aetiology, epidemiology and treatment strategies. <b>2018</b> , 14, 513-537	325
1200	A Prospective Investigation of Dietary Intake and Functional Impairments Among the Elderly. <b>2018</b> , 187, 2372-2386	6
1199	Sarcopenia and Frailty in PD: Impact on Mortality, Malnutrition, and Inflammation. <b>2018</b> , 38, 447-454	48
1198	Get a grip: individual variations in grip strength are a marker of brain health. <b>2018</b> , 71, 189-222	67
1197	Mediators and Patterns of Muscle Loss in Chronic Systemic Inflammation. <b>2018</b> , 9, 409	33
1196	Assessing Brain-Muscle Connectivity in Human Locomotion through Mobile Brain/Body Imaging: Opportunities, Pitfalls, and Future Directions. <b>2018</b> , 6, 39	13
1195	Comparisons of predictive values of sarcopenia with different muscle mass indices in Korean rural older adults: a longitudinal analysis of the Aging Study of PyeongChang Rural Area. <b>2018</b> , 13, 91-99	28
1194	Diaphragm plasticity in aging and disease: therapies for muscle weakness go from strength to strength. <b>2018</b> , 125, 243-253	13
1193	Skeletal muscle cutoff values for sarcopenia diagnosis using T10 to L5 measurements in a healthy US population. <b>2018</b> , 8, 11369	154
1192	Dietary Protein and Muscle in Aging People: The Potential Role of the Gut Microbiome. <b>2018</b> , 10,	48
1191	A sarcopenia index based on serum creatinine and cystatin C cannot accurately detect either low muscle mass or sarcopenia in urban community-dwelling older people. <b>2018</b> , 8, 11534	13
1190	Sarcopenia: assessment of disease burden and strategies to improve outcomes. <b>2018</b> , 13, 913-927	123
1189	Skeletal Muscle Attenuation (Sarcopenia) Predicts Reduced Overall Survival in Patients with Advanced Epithelial Ovarian Cancer Undergoing Primary Debulking Surgery. <b>2018</b> , 25, 3372-3379	36
1188	, Morbidity, and Healthy Aging. <b>2018</b> , 9, 15	18

1187	Characterization of Ageing- and Diet-Related Swine Models of Sarcopenia and Sarcopenic Obesity. <b>2018</b> , 19,	7
1186	Effect, process, and economic evaluation of a combined resistance exercise and diet intervention (ProMuscle in Practice) for community-dwelling older adults: design and methods of a randomised controlled trial. <b>2018</b> , 18, 877	6
1185	Application of conicity index adjusted total body fat in young adults-a novel method to assess metabolic diseases risk. <b>2018</b> , 8, 10093	3
1184	Predictive Value of Preoperative Sarcopenia in Patients with Gastric Cancer: a Meta-analysis and Systematic Review. <b>2018</b> , 22, 1890-1902	37
1183	Efficacy of Age-Specific High-Intensity Stretch-Shortening Contractions in Reversing Dynapenia, Sarcopenia, and Loss of Skeletal Muscle Quality. <b>2018</b> , 3, 36	5
1182	Nutrition in the Very Old. <b>2018</b> , 10,	42
1181	Association between Sarcopenia and Metabolic Syndrome in Middle-Aged and Older Non-Obese Adults: A Systematic Review and Meta-Analysis. <b>2018</b> , 10,	81
1180	Resistance Training Prevents Muscle Loss Induced by Caloric Restriction in Obese Elderly Individuals: A Systematic Review and Meta-Analysis. <b>2018</b> , 10,	28
1179	Exercise and Nutrition Strategies to Counteract Sarcopenic Obesity. <b>2018</b> , 10,	53
1178	Pilot Study Examining the Influence of Potassium Bicarbonate Supplementation on Nitrogen Balance and Whole-Body Ammonia and Urea Turnover Following Short-Term Energy Restriction in Older Men. <b>2018</b> , 10,	1
1177	Acute Sarcopenia Secondary to Hospitalisation - An Emerging Condition Affecting Older Adults. <b>2018</b> , 9, 151-164	87
1176	Sarcopenia and osteoporosis in older people: a systematic review and meta-analysis. <b>2018</b> , 9, 419-434	49
1175	Sarcopenic obesity. <b>2018</b> , 17, 321-331	76
1174	Genetic predisposition score predicts the increases of knee strength and muscle mass after one-year exercise in healthy elderly. <b>2018</b> , 111, 17-26	11
1173	Osteosarcopenia. <b>2018</b> , 79, 253-258	49
1172	Associations between dietary protein and vitamin intake and the physical functioning of older adults with sarcopenia. <b>2018</b> , 9, 311-320	2
1171	A window beneath the skin: how computed tomography assessment of body composition can assist in the identification of hidden wasting conditions in oncology that profoundly impact outcomes. <b>2018</b> , 77, 135-151	44
1170	A randomised controlled intervention study investigating the efficacy of carotenoid-rich fruits and vegetables and extra-virgin olive oil on attenuating sarcopenic symptomology in overweight and obese older adults during energy intake restriction: protocol paper. <b>2018</b> , 18, 2	15



1169	Chapter 1 Definitions and diagnosis of sarcopenia. <b>2018</b> , 18 Suppl 1, 7-12	21
1168	Post-polio syndrome and the late effects of poliomyelitis: Part 2. treatment, management, and prognosis. <b>2018</b> , 58, 760-769	17
1167	Postpolio syndrome and the late effects of poliomyelitis. Part 1. pathogenesis, biomechanical considerations, diagnosis, and investigations. <b>2018</b> , 58, 751-759	11
1166	Muscle and Bone Health in Postmenopausal Women: Role of Protein and Vitamin D Supplementation Combined with Exercise Training. <b>2018</b> , 10,	39
1165	Positive correlation between sarcopenia and elevation of neutrophil/lymphocyte ratio in pathological stage IIIA (N2-positive) non-small cell lung cancer patients. <b>2018</b> , 66, 716-722	9
1164	Myotonic Dystrophy-A Progeroid Disease?. <b>2018</b> , 9, 601	17
1163	Sensory-Driven Development of Protein-Enriched Rye Bread and Cream Cheese for the Nutritional Demands of Older Adults. <b>2018</b> , 10,	17
1162	Bariatric Surgery, Vitamin D, and Bone Loss. <b>2018</b> , 129-150	
1161	The functions of sarcopenia related myokines. <b>2018</b> , 2, 38-41	3
1160	Developing sarcopenia criteria and cutoffs for an older Caucasian cohort - a strictly biometrical approach. <b>2018</b> , 13, 1365-1373	4
1159	Abdominal obesity, sarcopenia, and osteoporosis are associated with frailty in men living with and without HIV. <b>2018</b> , 32, 1257-1266	30
1158	Sarcopenia and Undernutrition Among Portuguese Older Adults: Results From Nutrition UP 65 Study. <b>2018</b> , 39, 487-492	6
1157	Body Composition in Older Adults. <b>2018</b> , 69-78	1
1156	Is sarcopenia a useful predictor of outcome in patients after emergency laparotomy? A study using the NELA database. <b>2018</b> , 100, 377-381	23
1155	Muscle Deconditioning and Aging. <b>2018</b> , 769-781	
1154	Sarcopenia, Diabetes, and Nutritional Intervention. <b>2018</b> , 279-292	2
1153	In Reply. <b>2018</b> , 131, 1160-1161	
1152	Reliability and correlates of cross-sectional area of abductor hallucis and the medial belly of the flexor hallucis brevis measured by ultrasound. <b>2018</b> , 11, 28	12

1151	RETRACTED ARTICLE: Rapid Screening for Frailty and Sarcopenia in Daily Clinical Practice. <b>2018</b> , 22, 1023-1023			1
1150	The Prevalence of Sarcopenia in Chinese Elderly Nursing Home Residents: A Comparison of 4 Diagnostic Criteria. <i>Journal of the American Medical Directors Association</i> , <b>2018</b> , 19, 690-695	5.9		25
1149	Loop diuretics are associated with greater risk of sarcopenia in patients with non-dialysis-dependent chronic kidney disease. <b>2018</b> , 13, e0192990			27
1148	Sarcopenia. <b>2018</b> , 19-26			
1147	Strong Relation Between Muscle Mass Determined by D3-creatine Dilution, Physical Performance, and Incidence of Falls and Mobility Limitations in a Prospective Cohort of Older Men. <b>2019</b> , 74, 844-852			83
1146	Sarcopenia and Inflammatory Bowel Disease: A Systematic Review. <b>2019</b> , 25, 67-73			68
1145	Comparing Mini Sarcopenia Risk Assessment With SARC-F for Screening Sarcopenia in Community-Dwelling Older Adults. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 53-57	5.9		30
1144	The prevalence of sarcopenia in community-dwelling older adults, an exploration of differences between studies and within definitions: a systematic review and meta-analyses. <b>2019</b> , 48, 48-56			131
1143	Rejuvenation of the term sarcopenia. <b>2019</b> , 126, 255-256			12
1142	Visceral Obesity and Open Passive Drainage Increase the Risk of Pancreatic Fistula Following Distal Pancreatectomy. <b>2019</b> , 23, 1414-1424			18
1141	Evaluation of appendicular lean mass using bio impedance in persons aged 80+: A new equation based on the BUTTERFLY-study. <b>2019</b> , 38, 1756-1764			7
1140	CT-Based Bone and Muscle Assessment in Normal and Pathological Conditions. <b>2019</b> , 119-134			4
1139	Three-Year Adverse Health Consequences of Sarcopenia in Community-Dwelling Older Adults According to 5 Diagnosis Definitions. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 43-46.e2	5.9		25
1138	The impact of exercise and nutrition on the regulation of skeletal muscle mass. <b>2019</b> , 597, 1251-1258			34
1137	Appendicular muscle mass and exercise/sports participation history in young Japanese women. <b>2019</b> , 46, 335-339			4
1136	Fractures While Walking Leashed Dogs. <b>2019</b> , 154, 1078			0
1135	Home-Based Gait Speed Assessment: Normative Data and Racial/Ethnic Correlates Among Older Adults. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 1224-1229	5.9		15
1134	Obesity Definitions in Sarcopenic Obesity: Differences in Prevalence, Agreement and Association with Muscle Function. <b>2020</b> , 9, 37-43			14

1133	The Copenhagen Sarcopenia Study: lean mass, strength, power, and physical function in a Danish cohort aged 20-93 years. <b>2019</b> , 10, 1316-1329	67
1132	Frailty and the Metabolic Syndrome - Results of the Berlin Aging Study II (BASE-II). <b>2019</b> , 8, 169-175	7
1131	Quantitative Analysis Concerning Atrophy and Fat Infiltration of the Multifidus Muscle with Magnetic Resonance Spectroscopy in Chronic Low Back Pain. <b>2019</b> , 3, 163-170	12
1130	East meets West: current practices and policies in the management of musculoskeletal aging. <b>2019</b> , 31, 1351-1373	25
1129	Can early assessment of hand grip strength in older hip fracture patients predict functional outcome?. <b>2019</b> , 14, e0213223	18
1128	Association of Diet Quality with Low Muscle Mass-Function in Korean Elderly. <b>2019</b> , 16,	3
1127	Impact of sarcopenia, sedentarism and risk of falls in older people's health self-perception. <b>2019</b> , 32,	1
1126	Physical function-derived cut-points for the diagnosis of sarcopenia and dynapenia from the Canadian longitudinal study on aging. <b>2019</b> , 10, 985-999	18
1125	Longitudinal Changes in Sarcopenia Criteria in Older Men with Low Skeletal Muscle Mass Index: A 2-Year Observational Study. <b>2019</b> , 1, 59-68	
1124	Promoting mobility and healthy aging in men: a narrative review. <b>2019</b> , 30, 1911-1922	13
1123	Symptoms of urinary incontinence and pelvic organ prolapse and physical performance in middle-aged women from Northeast Brazil: a cross-sectional study. <b>2019</b> , 19, 94	0
1122	Prevalence of sarcopenia in community-dwelling older adults using the definition of the European Working Group on Sarcopenia in Older People 2: findings from the Korean Frailty and Aging Cohort Study. <b>2019</b> , 48, 910-916	44
1121	Does Use of Androgen Deprivation Therapy (ADT) in Men with Prostate Cancer Increase the Risk of Sarcopenia?. <b>2019</b> , 105, 403-411	9
1120	The obesity paradox: A further consideration in dialysis patients. <b>2019</b> , 32, 485-489	15
1119	Cellular and morphological changes with EAA supplementation before and after total knee arthroplasty. <b>2019</b> , 127, 531-545	4
1118	Practice of physical activity and dysmobility syndrome in community-dwelling older adults. <b>2019</b> , 15, 294-301	3
1117	Sarcopenia-associated factors in Japanese patients with rheumatoid arthritis: A cross-sectional study. <b>2019</b> , 19, 907-912	30
1116	Sarcopenia and type 2 diabetes mellitus: a bidirectional relationship. <b>2019</b> , 12, 1057-1072	113

1115	Functional aging in health and heart failure: the COMplete Study. <b>2019</b> , 19, 180	14
1114	[SARC-F; Screening tool for sarcopenia]. <b>2019</b> , 56, 227-233	
1113	Aerobic Plus Resistance Exercise in Obese Older Adults Improves Muscle Protein Synthesis and Preserves Myocellular Quality Despite Weight Loss. <b>2019</b> , 30, 261-273.e6	31
1112	The impact of computed tomography-assessed sarcopenia on outcomes for trauma patients - a systematic review and meta-analysis. <b>2019</b> , 50, 1565-1576	5
1111	Prevalence of sarcopenic obesity in adults with end-stage knee osteoarthritis. <b>2019</b> , 27, 1735-1745	12
1110	Beneficial Effects of Leucine Supplementation on Criteria for Sarcopenia: A Systematic Review. <b>2019</b> , 11,	30
1109	Editorial: Screening for Sarcopenia. <b>2019</b> , 23, 768-770	9
1108	Sarcopenia Is a Negative Prognostic Factor in Patients Undergoing Transarterial Chemoembolization (TACE) for Hepatic Malignancies. <b>2019</b> , 11,	13
1107	Sarcopenia: A Time for Action. An SCWD Position Paper. <b>2019</b> , 10, 956-961	171
1106	Sarcopenic Obesity: Epidemiologic Evidence, Pathophysiology, and Therapeutic Perspectives. <b>2019</b> , 8, 458-471	35
1105	Sarcopenia and fatty liver disease. <b>2019</b> , 13, 674-687	27
1104	Primary osteoporosis in men: an unmet medical need. <b>2019</b> , 112, 791-798	7
1103	Skeletal Muscle Depletion Predicts the Prognosis of Patients With Hepatocellular Carcinoma Treated With Radiotherapy. <b>2019</b> , 9, 1075	10
1102	Frailty, Sarcopenia, and Malnutrition in Cirrhotic Patients. <b>2019</b> , 23, 589-605	9
1101	Sarcopenia in Older Adults. <b>2019</b> , 8,	5
1100	Sex differences in the prevalence and adverse outcomes of sarcopenia and sarcopenic obesity in community dwelling elderly in East China using the AWGS criteria. <b>2019</b> , 19, 109	30
1099	SARC-F: A validation study with community-dwelling older Japanese adults. <b>2019</b> , 19, 1172-1178	16
1098	Technological Advances in Diagnostic Imaging in Exotic Pet Medicine. <b>2019</b> , 22, 397-417	1

1097	Geographical differences in osteoporosis, obesity, and sarcopenia related traits in white American cohorts. <b>2019</b> , 9, 12311	2
1096	Comparison of the use of a manual stopwatch and an automatic instrument for measuring 4-m gait speed at the usual walking pace with different starting protocols in older adults. <b>2019</b> , 10, 747-752	3
1095	The Role of the Molecular Clock in Promoting Skeletal Muscle Growth and Protecting against Sarcopenia. <b>2019</b> , 20,	19
1094	Nutritional requirements during ageing. <b>2019</b> , 26, 22	2
1093	The relationship between sarcopenia and urinary incontinence. <b>2019</b> , 10, 923-929	7
1092	Function Promoting Therapies Come of Age. <b>2019</b> , 74, 1595-1597	
1091	Sarcopenia: new definitions, same limitations. <b>2019</b> , 48, 613-614	7
1090	High-Molecular-Weight Polyphenol-Rich Fraction of Black Tea Does Not Prevent Atrophy by Unloading, But Promotes Soleus Muscle Mass Recovery from Atrophy in Mice. <b>2019</b> , 11,	7
1089	Skeletal muscle mass depletion in patients with hepatitis C virus infection. <b>2019</b> , 31, 59-66	5
1088	The value of sarcopenia in the prevention of disability. <b>2019</b> , 153, 243-244	
1087	Sarcopenia and its components in adult renal transplant recipients: prevalence and association with body adiposity. <b>2019</b> , 122, 1386-1397	10
1086	Viewpoint on the role of tissue maintenance in ageing: focus on biomarkers of bone, cartilage, muscle, and brain tissue maintenance. <b>2019</b> , 56, 100964	4
1085	Alcohol Consumption Reduces the Beneficial Influence of Protein Intake on Muscle Mass in Middle-Aged Korean Adults: A 12-Year Community-Based Prospective Cohort Study. <b>2019</b> , 11,	1
1084	Effects of Leucine-Enriched Whey Protein Supplementation on Physical Function in Post-Hospitalized Older Adults Participating in 12-Weeks of Resistance Training Program: A Randomized Controlled Trial. <b>2019</b> , 11,	13
1083	Relationship between Sarcopenia and mTOR Pathway in Patients with Colorectal Cancer: Preliminary Report. <b>2019</b> , 71, 172-177	2
1082	Chaperokine Activity of Heat Shock Proteins. <b>2019</b> ,	1
1081	Sarcopenia Is Related to Mortality in the Acutely Hospitalized Geriatric Patient. <b>2019</b> , 23, 128-137	15
1080	Age-related bone loss and sarcopenia in men. <b>2019</b> , 122, 51-56	31

1079	Adrenal Aging and Its Implications on Stress Responsiveness in Humans. <b>2019</b> , 10, 54	64
1078	Physical Exercise and Heat Shock Proteins. <b>2019</b> , 247-277	0
1077	Efficacy and potential determinants of exercise therapy in knee and hip osteoarthritis: A systematic review and meta-analysis. <b>2019</b> , 62, 356-365	41
1076	Impact of dietary protein intake and obesity on lean mass in middle-aged individuals after a 12-year follow-up: the Korean Genome and Epidemiology Study (KoGES). <b>2019</b> , 122, 322-330	5
1075	Two-Year Weight Loss but Not Body Mass Index Predicts Mortality and Disability in an Older Japanese Community-Dwelling Population. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 1654.e11-1654.e18	5.9 8
1074	Sarcopenia Associated with Chronic Obstructive Pulmonary Disease. <b>2019</b> , 26, 65-74	21
1073	Lipotoxicity plays a key role in the development of both insulin resistance and muscle atrophy in patients with type 2 diabetes. <b>2019</b> , 20, 1205-1217	60
1072	Body Composition and Falls Risk in Older Adults. <b>2019</b> , 8, 210-222	5
1071	Prognostic Value of Sarcopenia in Lung Cancer: A Systematic Review and Meta-analysis. <b>2019</b> , 156, 101-111	65
1070	The impact of muscle function, muscle mass and sarcopenia on independent ageing in very old Swedish men. <b>2019</b> , 19, 153	19
1069	Sarcopenia. <b>2019</b> , 393, 2636-2646	626
1068	Significant Published Articles for Pharmacy Nutrition Support Practice in 2018. <b>2019</b> , 54, 285-293	2
1067	Considerations for the Development of Innovative Foods to Improve Nutrition in Older Adults. <b>2019</b> , 11,	7
1066	Is muscle failure a better term than sarcopenia?. <b>2019</b> , 10, 1146-1147	16
1065	The clinical impact and biological mechanisms of skeletal muscle aging. <b>2019</b> , 127, 26-36	22
1064	High brain natriuretic peptide is associated with sarcopenia in patients with type 2 diabetes: a cross-sectional study of KAMOGAWA-DM cohort study. <b>2019</b> , 66, 369-377	10
1063	Gait speed as a mediator of the effect of sarcopenia on dependency in activities of daily living. <b>2019</b> , 10, 1009-1015	33
1062	Multifaceted intervention to enhance cognition in older people at risk of cognitive decline: study protocol for the Protein Omega-3 and Vitamin D Exercise Research (PONDER) study. <b>2019</b> , 9, e024145	3

1061	Effect of Milk and Other Dairy Products on the Risk of Frailty, Sarcopenia, and Cognitive Performance Decline in the Elderly: A Systematic Review. <b>2019</b> , 10, S105-S119	28
1060	Esercizio-terapia e terapie fisiche nella sarcopenia. <b>2019</b> , 20, 59-60	
1059	Association of different bioimpedanciometry estimations of muscle mass with functional measures. <b>2019</b> , 19, 593-597	14
1058	Nutritional status and body fat mass: Determinants of sarcopenia in community-dwelling older adults. <b>2019</b> , 122, 67-73	27
1057	Development of Pharmacotherapies for the Treatment of Sarcopenia. <b>2019</b> , 8, 120-130	20
1056	How to Prevent Loss of Muscle Mass and Strength among Older People in Neuro-Rehabilitation?. <b>2019</b> , 11,	2
1055	Sarcopenia and its association with falls and fractures in older adults: A systematic review and meta-analysis. <b>2019</b> , 10, 485-500	232
1054	Nonalcoholic fatty liver disease in the over-60s: Impact of sarcopenia and obesity. <b>2019</b> , 124, 48-54	11
1053	Exercise Interventions for the Prevention and Treatment of Sarcopenia. A Systematic Umbrella Review. <b>2019</b> , 23, 494-502	88
1052	D -Creatine dilution and the importance of accuracy in the assessment of skeletal muscle mass. <b>2019</b> , 10, 14-21	69
1051	Influence of Weight Reduction and Enhanced Protein Intake on Biomarkers of Inflammation in Older Adults with Obesity. <b>2019</b> , 38, 33-49	7
1050	Sarcopenia Prevalence and Risk Factors among Japanese Community Dwelling Older Adults Living in a Snow-Covered City According to EWGSOP2. <b>2019</b> , 8,	34
1049	Mechanisms of vitamin D on skeletal muscle function: oxidative stress, energy metabolism and anabolic state. <b>2019</b> , 119, 825-839	75
1048	Skeletal muscle mass predicts the prognosis of patients with intrahepatic cholangiocarcinoma. <b>2019</b> , 218, 952-958	18
1047	Sedentary behaviour, physical activity, and sarcopenia among older adults in the TSHA: isotemporal substitution model. <b>2019</b> , 10, 188-198	34
1046	Prevalence of sarcopenia in inpatients 70 years and older using different diagnostic criteria. <b>2019</b> , 6, 377-383	19
1045	Falls and Fractures in Diabetes-More than Bone Fragility. <b>2019</b> , 17, 147-156	11
1044	Aging of the musculoskeletal system: How the loss of estrogen impacts muscle strength. <b>2019</b> , 123, 137-144	39

1043	Fish protein supplementation in older nursing home residents: a randomised, double-blind, pilot study. <b>2019</b> , 5, 35	3
1042	Handgrip Strength and All-Cause Mortality in Middle-Aged and Older Koreans. <b>2019</b> , 16,	21
1041	Effects of IGF-1 isoforms on muscle growth and sarcopenia. <b>2019</b> , 18, e12954	78
1040	Muscle mass and strength gains following 6 months of resistance type exercise training are only partly preserved within one year with autonomous exercise continuation in older adults. <b>2019</b> , 121, 71-78	21
1039	Acute estradiol treatment reduces skeletal muscle protein breakdown markers in early- but not late-postmenopausal women. <b>2019</b> , 146, 43-49	12
1038	Dietary Patterns, Skeletal Muscle Health, and Sarcopenia in Older Adults. <b>2019</b> , 11,	68
1037	Parental Education and Genetics of BMI from Infancy to Old Age: A Pooled Analysis of 29 Twin Cohorts. <b>2019</b> , 27, 855-865	11
1036	Autophagy as a Therapeutic Target to Enhance Aged Muscle Regeneration. <b>2019</b> , 8,	25
1035	[Diagnosis and therapy of sarcopenia-an update]. <b>2019</b> , 60, 141-148	4
1034	Exercise with blood flow restriction: an effective alternative for the non-pharmaceutical treatment for muscle wasting. <b>2019</b> , 10, 257-262	5
1033	Muscle quality as a complementary prognostic tool in conjunction with sarcopenia assessment in younger and older individuals. <b>2019</b> , 119, 1171-1181	23
1032	Polypharmacy and sarcopenia in hospitalized older patients: results of the GLISTEN study. <b>2019</b> , 31, 557-559	8
1031	Anabolic signaling and response in sarcopenia as a model for microgravity induced muscle deconditioning: A systematic review. <b>2019</b> , 13, 100025	2
1030	The role of omega-3 in the prevention and treatment of sarcopenia. <b>2019</b> , 31, 825-836	58
1029	Bouncing Back! Counteracting Muscle Aging With Plyometric Muscle Loading. <b>2019</b> , 10, 178	14
1028	Emerging awareness on the importance of skeletal muscle in liver diseases: time to dig deeper into mechanisms!. <b>2019</b> , 133, 465-481	26
1027	Impact of Sarcopenia on Adverse Outcomes After Allogeneic Hematopoietic Cell Transplantation. <b>2019</b> , 111, 837-844	18
1026	Sarcopenia in Patients Undergoing Open Ventral Hernia Repair. <b>2019</b> , 85, 985-991	5



1025	Sarcopenia in COPD: a systematic review and meta-analysis. <b>2019</b> , 28,	49
1024	A Web Service and Embedded System Based hand dynamometer for Grip strength Assessment. <b>2019</b> ,	
1023	New versus old guidelines for sarcopenia classification: What is the impact on prevalence and health outcomes?. <b>2020</b> , 49, 300-304	22
1022	The Associations of Muscle Strength, Muscle Mass, and Adiposity With Clinical Outcomes and Quality of Life in Prevalent Kidney Transplant Recipients. <b>2019</b> , 29, 536-547	14
1021	Association between skeletal muscle attenuation and gastroesophageal reflux disease: A health check-up cohort study. <b>2019</b> , 9, 20102	4
1020	Frailty and Sarcopenia in Older Patients Receiving Kidney Transplantation. <b>2019</b> , 6, 169	18
1019	Sarcopenia disease in Iran: an overview. <b>2019</b> , 18, 665-674	8
1018	Sarcopenia prevalence and associations with mortality and hospitalisation by various sarcopenia definitions in 85-89 year old community-dwelling men: a report from the ULSAM study. <b>2019</b> , 19, 318	45
1017	Prevalence of sarcopenia defined using the Asia Working Group for Sarcopenia criteria in Japanese community-dwelling older adults: A systematic review and meta-analysis. <b>2019</b> , 22, 53-57	23
1016	Sarcopenia and Sarcopenic Obesity as Novel Risk Factors for Gastric Carcinogenesis: A Health Checkup Cohort Study. <b>2019</b> , 9, 1249	16
1015	Racial Differences Influence Bariatric Surgery Outcomes. <b>2019</b> , 154, 1077	1
1014	Nutrient patterns and the skeletal muscle mass index among Polish women: a cross-sectional study. <b>2019</b> , 9, 18930	1
1013	The malnourished surgery patient: a silent epidemic in perioperative outcomes?. <b>2019</b> , 32, 405-411	25
1012	Association between Sarcopenia and Renal Function in Patients with Diabetes: A Systematic Review and Meta-Analysis. <b>2019</b> , 2019, 1365189	10
1011	A New Threshold for Appendicular Lean Mass Discriminates Muscle Weakness in Women With Hip Fracture: A Cross-Sectional Study. <b>2019</b> , 98, 1005-1009	
1010	Prevalence of sarcopenia and associated factors in climacteric women of the Colombian Caribbean. <b>2019</b> , 26, 1038-1044	3
1009	Different methods for diagnosis of sarcopenia and its association with nutritional status and survival in patients with advanced cancer in palliative care. <b>2019</b> , 60, 48-52	20
1008	Sarcopenia as a Risk Factor for Prosthetic Infection After Total Hip or Knee Arthroplasty. <b>2019</b> , 34, 116-122	25

1007	Prospective Views for Whey Protein and/or Resistance Training Against Age-related Sarcopenia. <b>2019</b> , 10, 157-173	23
1006	Frailty Among Patients Receiving Hemodialysis: Evolution of Components and Associations With Mortality. <b>2019</b> , 74, 380-386	27
1005	Older consumers' attitudes towards food carriers for protein-enrichment. <b>2019</b> , 135, 10-19	7
1004	Comparison of four sarcopenia screening tools in nursing home residents. <b>2019</b> , 31, 1481-1489	23
1003	Editorial: The future of sarcopenia. <b>2019</b> , 22, 1-3	5
1002	Sarcopenia and cardiovascular risk indices in patients with chronic kidney disease on conservative and replacement therapy. <b>2019</b> , 62, 108-114	34
1001	Musculoskeletal aging, sarcopenia and cancer. <b>2019</b> , 10, 504-509	20
1000	The relationship between sarcopenia and fragility fracture-a systematic review. <b>2019</b> , 30, 541-553	48
999	A Randomized Controlled Trial of Adherence to a 24-Month Home-Based Physical Activity Program and the Health Benefits for Older Adults at Risk of Alzheimer's Disease: The AIBL Active-Study. <b>2019</b> , 70, S187-S205	7
998	Nutrition and Exercise Approaches to Enhance Muscle, Mobility, and Cognition During Aging. <b>2019</b> , 77-94	
997	Depression is Associated With Sarcopenia Due to Low Muscle Strength: Results From the ELSA-Brasil Study. <i>Journal of the American Medical Directors Association</i> , <b>2019</b> , 20, 1641-1646	5.9 22
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604	Sarcopenia and malnutrition in relation to mortality in hospitalised patients in geriatric care - predictive validity of updated diagnoses. <b>2021</b> , 45, 442-448	1
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602	Standardized gait speed ratio in elderly patients with heart failure. <b>2021</b> , 8, 3557-3565	2
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592	Different cutoff points to diagnose low muscle mass and prediction of osteoporosis in postmenopausal women. <b>2021</b> , 28, 1181-1185	0
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589	Cutoff points of adiposity anthropometric indices for low muscle mass screening in middle-aged and older healthy women. <b>2021</b> , 22, 713	0
588	Skeletal Muscle Loss and Octogenarian Status Are Associated with S-1 Adjuvant Therapy Discontinuation and Poor Prognosis after Pancreatectomy. <b>2021</b> , 13,	0
587	Acute sarcopenia changes following hospitalization: influence of pre-admission care dependency level. <b>2021</b> , 50, 2140-2146	3
586	Prevalence of sarcopenia in idiopathic dropped head syndrome patients is similar to healthy volunteers. <b>2021</b> , 11, 16213	1
585	Science-based policy: targeted nutrition for all ages and the role of bioactives. <b>2021</b> , 60, 1-17	3
584	Association between physical activity, quadriceps muscle performance and biological characteristics of very old men and women. <b>2021</b> ,	0
583	Sarcopenia measurement in research and clinical practice. <b>2021</b> , 90, 1-9	4
582	Prevalence of sarcopenia in older women with pelvic floor dysfunction. <b>2021</b> , 263, 159-163	3
581	Lean mass, magnesium, faecal calprotectin and glucocorticoid exposure as risk factors for low bone mineral density in inflammatory bowel disease patients. <b>2021</b> , 10, 918-925	0
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579	Sarcopenia is independently associated with parietal atrophy in older adults. <b>2021</b> , 151, 111402	2
578	Prevalence and Risk Factors of Sarcopenia among Older Adults Aged ≥5 Years Admitted to Daycare Centers of Taiwan: Using AWGS 2019 Guidelines. <b>2021</b> , 18,	4
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569	INERTIA: A pilot study of the impact of progressive resistance training on blood pressure control in older adults with sarcopenia. <b>2021</b> , 108, 106516		0
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566	The Effect of Resistance Training on Body Composition During and After Cancer Treatment: A Systematic Review and Meta-Analysis. <b>2021</b> , 51, 2527-2546		4
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563	Comparison between Original and Reviewed Consensus of European Working Group on Sarcopenia in Older People: A Probabilistic Cross-Sectional Survey among Community-Dwelling Older People. <b>2021</b> , 1-8		0
562	Women are predisposed to early dose-limiting toxicities during adjuvant CAPOX for colorectal cancer. <b>2021</b> , 75, e14863		1
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545	Muscle mass and grip strength in relation to carotid intima-media thickness and plaque score in patients with type 2 diabetes. <b>2021</b> , 31, 2935-2944	1
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541	Different components of frailty in the aging subjects—the role of sarcopenia. <b>2021</b> , 173-205	
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539	Comparison of Agreement between Several Diagnostic Criteria of Sarcopenia in Community-Dwelling Older Adults.. <b>2022</b> , 11, 33-39	0
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531	Measurements of Physical Performance. 238-251	0
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517	Rehabilitative Good Practices in the Treatment of Sarcopenia: A Narrative Review. <b>2021</b> , 100, 280-287		15
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510	Mechanism of increased risk of insulin resistance in aging skeletal muscle. <b>2020</b> , 12, 14		49
509	Multidirectional Walking in Hematopoietic Stem Cell Transplant Patients. <b>2021</b> , 53, 258-266		2
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504	Fatty Liver Index Associates with Relative Sarcopenia and GH/ IGF- 1 Status in Obese Subjects. <b>2016</b> , 11, e0145811		28

503	Feasibility of MR-Based Body Composition Analysis in Large Scale Population Studies. <b>2016</b> , 11, e0163332	56
502	Using relative handgrip strength to identify children at risk of sarcopenic obesity. <b>2017</b> , 12, e0177006	27
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498	Russian translation and validation of SarQoL – quality of life questionnaire for patients with sarcopenia. <b>2019</b> , 57, 38-45	7
497	Cardiac Resynchronization Therapy Leads to Improvements in Handgrip Strength. <b>2016</b> , 7, 95-103	1
496	Effects of Lifestyle on Muscle Strength in a Healthy Danish Population. <b>2018</b> , 8, 16-22	4
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489	Dysregulation of SIRT-1 in aging mice increases skeletal muscle fatigue by a PARP-1-dependent mechanism. <b>2014</b> , 6, 820-34	48
488	A joint analysis of metabolomic profiles associated with muscle mass and strength in Caucasian women. <b>2018</b> , 10, 2624-2635	11
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