

CITATION REPORT

List of articles citing

Sarcopenic obesity: a new category of obesity in the elderly

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|-----|---|----|-----------|
| 623 | Sarcopenic obesity: definition, cause and consequences. 2008 , 11, 693-700 | | 672 |
| 622 | Sarcopenia and functional decline: pathophysiology, prevention and therapy. 2009 , 64, 303-16 | | 44 |
| 621 | Obesity paradox in the elderly: is fatter really fitter?. 2009 , 5, 177-184 | | 12 |
| 620 | Trait-specific tracking and determinants of body composition: a 7-year follow-up study of pubertal growth in girls. 2009 , 7, 5 | | 63 |
| 619 | Weighty concerns: the growing prevalence of obesity among older adults. 2009 , 109, 1886-95 | | 135 |
| 618 | Effect of CLA isomers and their mixture on aging C57Bl/6J mice. 2009 , 48, 409-18 | | 27 |
| 617 | Obésité de la personne âgée: définition, phénotypes, épidémiologie et conséquences pour la santé. 2009 , 4, 166-175 | | |
| 616 | Prevalence of sarcopenia and sarcopenic obesity in Korean adults: the Korean sarcopenic obesity study. 2009 , 33, 885-92 | | 263 |
| 615 | The effect of obesity combined with low muscle strength on decline in mobility in older persons: results from the InCHIANTI study. 2009 , 33, 635-44 | | 148 |
| 614 | Investigation of skeletal muscle quantity and quality in end-stage renal disease. 2010 , 15, 454-63 | | 59 |
| 613 | Nonsteroidal selective androgen receptor modulators (SARMs): dissociating the anabolic and androgenic activities of the androgen receptor for therapeutic benefit. 2009 , 52, 3597-617 | | 172 |
| 612 | Particularités de l'obésité chez la personne âgée. 2009 , 3, 375-379 | | 1 |
| 611 | Metabolic complications of androgen deprivation therapy for prostate cancer. 2009 , 181, 1998-2006; discussion 2007-8 | | 179 |
| 610 | Undernutrition and anorexia in the older person. 2009 , 38, 393-409 | | 55 |
| 609 | Body composition analysis techniques in the aged adult: indications and limitations. 2009 , 12, 8-14 | | 71 |
| 608 | Current World Literature. 2009 , 16, 401-5 | | |
| 607 | The emerging role of computerized tomography in assessing cancer cachexia. 2009 , 3, 269-75 | | 168 |

| | | |
|-----|--|-----|
| 606 | Body mass index and the risk of infections in institutionalised geriatric patients. 2010 , 103, 1830-5 | 32 |
| 605 | Obesity in older adults: relationship to functional limitation. 2010 , 13, 46-51 | 105 |
| 604 | Osteoporosis and gait and balance disturbances in older sarcopenic obese New Zealanders. 2010 , 21, 351-7 | 73 |
| 603 | Position of the American Dietetic Association, American Society for Nutrition, and Society for Nutrition Education: food and nutrition programs for community-residing older adults. 2010 , 42, 72-82 | 46 |
| 602 | Adult starvation and disease-related malnutrition: a proposal for etiology-based diagnosis in the clinical practice setting from the International Consensus Guideline Committee. 2010 , 29, 151-3 | 100 |
| 601 | Position of the American Dietetic Association, American Society for Nutrition, and Society for Nutrition Education: Food and nutrition programs for community-residing older adults. 2010 , 110, 463-72 | 49 |
| 600 | Prise en charge nutritionnelle pfiopfatoire du patient obse. 2010 , 24, 196-205 | 7 |
| 599 | Associations between gender, age and waist circumference. 2010 , 64, 6-15 | 163 |
| 598 | Quadriceps sarcopenia and visceral obesity are risk factors for postural instability in the middle-aged to elderly population. 2010 , 10, 233-43 | 58 |
| 597 | Obesity and mobility disability in the older adult. 2010 , 11, 568-79 | 243 |
| 596 | Understanding sarcopenia as a geriatric syndrome. 2010 , 13, 1-7 | 343 |
| 595 | Body composition in patients with non-small cell lung cancer: a contemporary view of cancer cachexia with the use of computed tomography image analysis. 2010 , 91, 1133S-1137S | 304 |
| 594 | Daily brief restraint stress alters signaling pathways and induces atrophy and apoptosis in rat skeletal muscle. 2010 , 13, 132-41 | 18 |
| 593 | Aptitude physique versus adiposit: impacts cardio-mtaboliques respectifs chez lâenfant/adolescent et chez la personne g. 2010 , 4, 395-401 | 2 |
| 592 | Inflammation in aging part 2: implications for the health of older people and recommendations for nursing practice. 2010 , 11, 253-60 | 26 |
| 591 | Sarcopenic obesity: prevalence and association with metabolic syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). 2010 , 33, 1652-4 | 385 |
| 590 | Temporal parameters of the foot roll-over during walking: influence of obesity and sarcopenic obesity on postmenopausal women. 2010 , 67, 178-85 | 19 |
| 589 | [Update on frailty]. 2010 , 45, 106-10 | 3 |

| | | |
|-----|---|-----|
| 588 | Plasminogen activator inhibitor-1 (PAI-1): a key factor linking fibrinolysis and age-related subclinical and clinical conditions. 2010 , 28, e72-91 | 248 |
| 587 | Adult starvation and disease-related malnutrition: a proposal for etiology-based diagnosis in the clinical practice setting from the International Consensus Guideline Committee. 2010 , 34, 156-9 | 306 |
| 586 | Improving health for elderly people: an international health promotion and disease prevention agenda. 2010 , 22, 219-30 | 11 |
| 585 | Does concealed chronic kidney disease predict survival of older patients discharged from acute care hospitals?. 2010 , 13, 539-45 | 5 |
| 584 | Toward a definition of sarcopenia. 2011 , 27, 341-53 | 48 |
| 583 | Frailty in older people. 2011 , 2, 344-355 | 37 |
| 582 | Association between obesity history and hand grip strength in older adults--exploring the roles of inflammation and insulin resistance as mediating factors. 2011 , 66, 341-8 | 76 |
| 581 | Sarcopenia and obesity. 2011 , 27, 401-21 | 120 |
| 580 | Muscle wasting in cancer cachexia: clinical implications, diagnosis, and emerging treatment strategies. 2011 , 62, 265-79 | 226 |
| 579 | Skeletal muscle mass to visceral fat area ratio is associated with metabolic syndrome and arterial stiffness: The Korean Sarcopenic Obesity Study (KSOS). 2011 , 93, 285-291 | 105 |
| 578 | Bone and metabolic health in patients with non-metastatic prostate cancer who are receiving androgen deprivation therapy. 2011 , 194, 301-6 | 68 |
| 577 | Identification of sarcopenic obesity in postmenopausal women: a cutoff proposal. 2011 , 44, 1171-6 | 38 |
| 576 | Similarities in acquired factors related to postmenopausal osteoporosis and sarcopenia. 2011 , 2011, 536735 | 42 |
| 575 | Leptin in sarcopenic visceral obesity: possible link between adipocytes and myocytes. 2011 , 6, e24633 | 56 |
| 574 | Effects of body composition and menopause characteristics on maximal oxygen uptake of postmenopausal women. 2011 , 18, 1191-7 | 5 |
| 573 | Obesity, sarcopenia and their functional consequences in old age. 2011 , 70, 114-8 | 27 |
| 572 | Don't think once, think twice! the cardiovascular effects of androgen deprivation therapy. 2011 , 107, 1023-8 | 3 |
| 571 | The impact of low preoperative fat-free body mass on infections and length of stay after cardiac surgery: a prospective cohort study. 2011 , 142, 1263-9 | 45 |

| | | |
|-----|--|-----|
| 570 | [Frailty: a phenotype under review]. 2011 , 25 Suppl 2, 51-8 | 11 |
| 569 | Biogerontology in Italy. 2011 , 12, 61-9 | 1 |
| 568 | Analysis of the food consumption of 87 elderly nursing home residents, depending on food texture. 2011 , 15, 192-5 | 19 |
| 567 | Direct relationship of body mass index and waist circumference with body tissue distribution in elderly persons. 2011 , 15, 924-31 | 15 |
| 566 | Designing Phase II B trials in sarcopenia: the best target population. 2011 , 15, 725-30 | 7 |
| 565 | The impact of behavioral intervention on obesity mediated declines in mobility function: implications for longevity. 2011 , 2011, 392510 | 9 |
| 564 | Obesity, poor muscle strength, and venous thromboembolism in older persons: the InCHIANTI study. 2011 , 66, 320-5 | 12 |
| 563 | Effects of infrared-LED illumination applied during high-intensity treadmill training in postmenopausal women. 2011 , 29, 639-45 | 29 |
| 562 | Exercise and osteoarthritis: cause and effects. 2011 , 1, 1943-2008 | 30 |
| 561 | Assessment of obesity in chronic kidney disease: what is the best measure?. 2012 , 21, 641-6 | 48 |
| 560 | Sarcopenia during androgen-deprivation therapy for prostate cancer. 2012 , 30, 3271-6 | 98 |
| 559 | Novel intriguing strategies attenuating to sarcopenia. 2012 , 2012, 251217 | 32 |
| 558 | Mitochondrial dysregulation in the pathogenesis of diabetes: potential for mitochondrial biogenesis-mediated interventions. 2012 , 2012, 642038 | 82 |
| 557 | Prevalence, pathophysiology, health consequences and treatment options of obesity in the elderly: a guideline. 2012 , 5, 460-83 | 171 |
| 556 | Effects of excess body mass on strength and fatigability of quadriceps in postmenopausal women. 2012 , 19, 556-61 | 19 |
| 555 | Obesity and the elderly. 2012 , 46, 533-44 | 123 |
| 554 | Time-course changes of muscle protein synthesis associated with obesity-induced lipotoxicity. 2012 , 590, 5199-210 | 60 |
| 553 | Sarcopenic obesity is more closely associated with knee osteoarthritis than is nonsarcopenic obesity: a cross-sectional study. 2012 , 64, 3947-54 | 108 |

| | | |
|-----|---|-----|
| 552 | The aging musculoskeletal system and obesity-related considerations with exercise. 2012 , 11, 361-73 | 97 |
| 551 | The addition of whole-body vibration to a lifestyle modification on arterial stiffness in overweight and obese women. 2012 , 6, 85 | 15 |
| 550 | [Anthropometric, functional and explosive strength characteristics of physically active women over 50 years old in the city of Bogotá-Colombia]. 2012 , 47, 148-54 | 0 |
| 549 | Biomarkers of sarcopenia in clinical trials-recommendations from the International Working Group on Sarcopenia. 2012 , 3, 181-90 | 175 |
| 548 | Atherosclerotic disease in octogenarians: a challenge for science and clinical practice. 2012 , 225, 281-9 | 28 |
| 547 | Sarcopenia in the aging high-fat fed rat: a pilot study for modeling sarcopenic obesity in rodents. 2012 , 13, 609-20 | 33 |
| 546 | Position of the Academy of Nutrition and Dietetics: food and nutrition for older adults: promoting health and wellness. 2012 , 112, 1255-77 | 168 |
| 545 | Sarcopenic obesity: A Critical appraisal of the current evidence. 2012 , 31, 583-601 | 349 |
| 544 | Ageing, adiposity indexes and low muscle mass in a clinical sample of overweight and obese women. 2012 , 6, e1-e90 | 14 |
| 543 | Interpreting different measures of glomerular filtration rate in obesity and weight loss: pitfalls for the clinician. 2012 , 36, 1421-7 | 30 |
| 542 | Prevalence and prognostic effect of sarcopenia in breast cancer survivors: the HEAL Study. 2012 , 6, 398-406 | 167 |
| 541 | Capacidade funcional e fatores associados em idosos: estudo populacional. 2012 , 25, 933-939 | 20 |
| 540 | Blockade of the activin receptor IIb activates functional brown adipogenesis and thermogenesis by inducing mitochondrial oxidative metabolism. 2012 , 32, 2871-9 | 79 |
| 539 | Gastroenterologische Herausforderungen beim Betagten. 2012 , 7, 291-295 | |
| 538 | Frailty and sarcopenia: definitions and outcome parameters. 2012 , 23, 1839-48 | 214 |
| 537 | Prevalence of obesity and associated cardiovascular risk: the DARIOS study. 2013 , 13, 542 | 34 |
| 536 | Sarcopenic obesity is closely associated with metabolic syndrome. 2013 , 7, e301-7 | 109 |
| 535 | [Obesity in the elderly: clinical relevance and therapy options]. 2013 , 46, 398-402 | 6 |

| | | |
|-----|--|--------|
| 534 | Normal weight obesity and mortality in United States subjects ≥80 years of age (from the Third National Health and Nutrition Examination Survey). 2013 , 112, 1592-8 | 63 |
| 533 | Relationships between sarcopenic obesity and insulin resistance, inflammation, and vitamin D status: the Korean Sarcopenic Obesity Study. 2013 , 78, 525-32 | 122 |
| 532 | Muscle atrophy in aging and chronic diseases: is it sarcopenia or cachexia?. 2013 , 8, 553-60 | 36 |
| 531 | Simplified method of clinical phenotyping for older men and women using established field-based measures. 2013 , 48, 1479-88 | 3 |
| 530 | Myosteatorsis and myofibrosis: relationship with aging, inflammation and insulin resistance. 2013 , 57, 411-6 | 59 |
| 529 | Body composition in sarcopenic obesity: systematic review of the literature. 2013 , 6, 191-198 | 10 |
| 528 | Decline in muscle strength and running endurance in klotho deficient C57BL/6 mice. 2013 , 14, 729-39 | 40 |
| 527 | Serum adipocyte fatty acid-binding protein levels are independently associated with sarcopenic obesity. 2013 , 101, 210-7 | 17 |
| 526 | Body composition and its association with cardiometabolic risk factors in the elderly: a focus on sarcopenic obesity. 2013 , 56, 270-8 | 165 |
| 525 | Effects of exercise program on physiological functions in postmenopausal women with metabolic syndrome. 2013 , 7, 231-235 | 6 |
| 524 | Study protocol: High-protein nutritional intervention based on β-hydroxy-β-methylbutyrate, vitamin D3 and calcium on obese and lean aged patients with hip fractures and sarcopenia. The HIPERPROT-GER study. 2013 , 76, 123-8 | 6 |
| 523 | Health and ageing: a cross-sectional study of body composition. 2013 , 32, 569-78 | 46 |
| 522 | Relative fat-free mass deficiency and left ventricular adaptation to obesity: the Strong Heart Study. 2013 , 168, 729-33 | 25 |
| 521 | Sarcopenic obesity is associated with adverse clinical outcome after cardiac surgery. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 511-8 | 4-5 54 |
| 520 | Cardiovascular and noncardiovascular disease associations with hip fractures. 2013 , 126, 169.e19-26 | 24 |
| 519 | Built environment configuration and change in body mass index: the Caerphilly Prospective Study (CaPS). 2013 , 19, 33-44 | 52 |
| 518 | Is the Adipose Tissue a Relevant Target for Obesity Treatment?. 2013 , 397-431 | |
| 517 | Variation in the prevalence of sarcopenia and sarcopenic obesity in older adults associated with different research definitions: dual-energy X-ray absorptiometry data from the National Health and Nutrition Examination Survey 1999-2004. 2013 , 61, 974-80 | 186 |

| | | |
|-----|--|-----|
| 516 | Oxidative stress and the ageing endocrine system. 2013 , 9, 228-40 | 150 |
| 515 | Abnormal protein turnover and anabolic resistance to exercise in sarcopenic obesity. 2013 , 27, 3905-16 | 62 |
| 514 | Analysis of body composition in individuals with high bone mass reveals a marked increase in fat mass in women but not men. 2013 , 98, 818-28 | 23 |
| 513 | Metabolic complications of androgen deprivation therapy for prostate cancer. 2013 , 189, S34-42; discussion S43-4 | 94 |
| 512 | Clinical practice guidelines for healthy eating for the prevention and treatment of metabolic and endocrine diseases in adults: cosponsored by the American Association of Clinical Endocrinologists/the American College of Endocrinology and the Obesity Society. 2013 , 19 Suppl 3, 1-82 | 67 |
| 511 | The role of dietary protein intake in the prevention of sarcopenia of aging. 2013 , 28, 684-90 | 101 |
| 510 | Myostatin--the holy grail for muscle, bone, and fat?. 2013 , 11, 407-14 | 45 |
| 509 | Management of Obesity in Older People. 2013 , 43, 145-149 | |
| 508 | Nutritional strategies for frail older adults. 2013 , 26, 128-40; quiz 141-2 | 10 |
| 507 | Sarcopenic obesity and endocrinal adaptation with age. 2013 , 2013, 204164 | 96 |
| 506 | Association of physical activity with sarcopenia and sarcopenic obesity in community-dwelling older adults: the Fourth Korea National Health and Nutrition Examination Survey. 2013 , 42, 734-40 | 104 |
| 505 | Association of body composition with sarcopenic obesity in elderly women. 2013 , 6, 25-9 | 21 |
| 504 | Sarcopenia: definition, epidemiology, and pathophysiology. 2013 , 20, 1-10 | 223 |
| 503 | Whole-body electromyostimulation as a means to impact muscle mass and abdominal body fat in lean, sedentary, older female adults: subanalysis of the TEST-III trial. 2013 , 8, 1353-64 | 50 |
| 502 | Sarcopenia and obesity: gender-different relationship with functional limitation in older persons. 2013 , 28, 1041-7 | 29 |
| 501 | Sarcopenic Obesity. 2013 , 14, 166 | 6 |
| 500 | Association between Sarcopenia, Bone Density, and Health-Related Quality of Life in Korean Men. 2013 , 34, 281-8 | 66 |
| 499 | Impact of visceral fat on skeletal muscle mass and vice versa in a prospective cohort study: the Korean Sarcopenic Obesity Study (KSOS). 2014 , 9, e115407 | 60 |

| | | |
|-----|---|-----|
| 498 | Dietary pattern classifications with nutrient intake and body composition changes in Korean elderly. 2014 , 8, 192-7 | 24 |
| 497 | Sarcopenia and cardiovascular risk in physically active adult and elderly women. 2014 , 20, 92-99 | 3 |
| 496 | Nutrition and exercise in the management of liver cirrhosis. 2014 , 20, 7286-97 | 55 |
| 495 | Functional assessment of older obese patients candidates for bariatric surgery. 2014 , 51, 25-8 | 12 |
| 494 | Erectile dysfunction and central obesity: an Italian perspective. 2014 , 16, 581-91 | 64 |
| 493 | References. 342-398 | |
| 492 | Inflammation, functional status, and weight loss during recovery from cardiac surgery in older adults: a pilot study. 2014 , 16, 344-52 | 17 |
| 491 | References. 2014 , 167-204 | |
| 490 | Nutritional influences on age-related skeletal muscle loss. 2014 , 73, 16-33 | 78 |
| 489 | Sarcopenia, sarcopenic obesity and mortality in older adults: results from the National Health and Nutrition Examination Survey III. 2014 , 68, 1001-7 | 285 |
| 488 | Diet-induced and age-related changes in the quadriceps muscle: MRI and MRS in a rat model of sarcopenia. 2014 , 60, 530-8 | 14 |
| 487 | Individualisation of care and the obesity paradox. 2014 , 19, 110-4 | |
| 486 | Sarcopenic obesity and risk of cardiovascular disease and mortality: a population-based cohort study of older men. 2014 , 62, 253-60 | 262 |
| 485 | Prevalence and associated factors of sarcopenia and severe sarcopenia in older Taiwanese living in rural community: the Tianliao Old People study 04. 2014 , 14 Suppl 1, 69-75 | 50 |
| 484 | Growing healthy muscles to optimise metabolic health into adult life. 2014 , 5, 420-34 | 22 |
| 483 | C677T gene polymorphism of MTHFR and metabolic syndrome: response to dietary intervention. 2014 , 12, 329 | 14 |
| 482 | Depression-related differences in lean body mass distribution from National Health and Nutrition Examination Survey 2005-2006. 2014 , 157, 1-7 | 5 |
| 481 | Association between skeletal muscle mass and radial augmentation index in an elderly Korean population. 2014 , 59, 49-55 | 16 |

| | | |
|-----|---|-----|
| 480 | Sarcopenic obesity in aging population: current status and future directions for research. 2014 , 45, 15-25 | 116 |
| 479 | Sarcopenia and sarcopenic obesity and their association with dyslipidemia in Korean elderly men: the 2008-2010 Korea National Health and Nutrition Examination Survey. 2014 , 37, 247-60 | 70 |
| 478 | Impact of whole-body electromyostimulation on body composition in elderly women at risk for sarcopenia: the Training and ElectroStimulation Trial (TEST-III). 2014 , 36, 395-406 | 61 |
| 477 | Interrelationship among muscle, fat, and bone: connecting the dots on cellular, hormonal, and whole body levels. 2014 , 15, 51-60 | 153 |
| 476 | Protein intake and exercise for optimal muscle function with aging: recommendations from the ESPEN Expert Group. 2014 , 33, 929-36 | 771 |
| 475 | Age-related changes in body composition in a sample of Czech women aged 18-89 years: a cross-sectional study. 2014 , 53, 167-76 | 30 |
| 474 | Visceral adiposity and skeletal muscle mass are independently and synergistically associated with left ventricular structure and function: the Korean Genome and Epidemiology Study. 2014 , 176, 951-5 | 16 |
| 473 | Treatment of body composition changes in obese and overweight older adults: insight into the phenotype of sarcopenic obesity. 2014 , 47, 699-716 | 46 |
| 472 | Combined effects of body composition and ageing on joint torque, muscle activation and co-contraction in sedentary women. 2014 , 36, 9652 | 29 |
| 471 | Anthropometric measurements and survival in older Americans: Results from the third National Health and Nutrition Examination Survey. 2014 , 18, 123-30 | 29 |
| 470 | Osteosarcopenic obesity: the role of bone, muscle, and fat on health. 2014 , 5, 183-92 | 126 |
| 469 | Conjugated Linoleic Acid in Human Health Effects on Weight Control. 2014 , 429-446 | 7 |
| 468 | Risk of malnutrition (over and under-nutrition): validation of the JaNuS screening tool. 2014 , 33, 1087-94 | 8 |
| 467 | Weight gain on androgen deprivation therapy: which patients are at highest risk?. 2014 , 83, 1316-21 | 14 |
| 466 | Low weight and overweightness in older adults: risk and clinical management. 2014 , 57, 127-33 | 45 |
| 465 | Muscle changes in aging: understanding sarcopenia. 2014 , 6, 36-40 | 82 |
| 464 | Sarcopenic obesity and dynapenic obesity: 5-year associations with falls risk in middle-aged and older adults. 2014 , 22, 1568-74 | 77 |
| 463 | Normal weight obesity and functional outcomes in older adults. 2014 , 25, 517-22 | 23 |

| | | |
|-----|--|-----|
| 462 | Skeletal muscle mass in hospitalized elderly patients: comparison of measurements by single-frequency BIA and DXA. 2014 , 33, 426-31 | 49 |
| 461 | A cross-sectional study of loss of muscle mass corresponding to sarcopenia in healthy Chinese men and women: reference values, prevalence, and association with bone mass. 2014 , 32, 78-88 | 70 |
| 460 | Low skeletal muscle mass is associated with insulin resistance, diabetes, and metabolic syndrome in the Korean population: the Korea National Health and Nutrition Examination Survey (KNHANES) 2009-2010. 2014 , 61, 61-70 | 163 |
| 459 | Greater effect of adiposity than physical activity or lean mass on physical function in community-dwelling older adults. 2014 , 22, 284-93 | 7 |
| 458 | The effect of sarcopenic obesity on cardiovascular disease and all-cause mortality in older people. 2015 , 25, 86-97 | 14 |
| 457 | Sarcopenic obesity and physical performance in middle aged women: a cross-sectional study in Northeast Brazil. 2016 , 16, 43 | 41 |
| 456 | Association between neck and shoulder pain, back pain, low back pain and body composition parameters among the Japanese general population. 2015 , 16, 333 | 24 |
| 455 | Independent association between serum C-peptide levels and fat mass-to-lean mass ratio in the aging process. 2015 , 15, 918-26 | 2 |
| 454 | Sarcopenia impairs survival in patients with potentially curable hepatocellular carcinoma. 2015 , 112, 208-13 | 57 |
| 453 | Body composition in chronic kidney disease. 2015 , 24, 268-75 | 47 |
| 452 | BARIATRIC SURGERY IN THE ELDERLY: RESULTS OF A MEAN FOLLOW-UP OF FIVE YEARS. 2015 , 28 Suppl 1, 15-8 | 28 |
| 451 | WHEN AND WHY OPERATE ELDERLY OBESE. 2015 , 28 Suppl 1, 84-5 | 7 |
| 450 | Relation between Lifestyle and Socio-Demographic Factors and Body Composition among the Elderly. 2016 , 8, 53715 | 2 |
| 449 | Association of Sarcopenic Obesity with Higher Serum High-Sensitivity C-Reactive Protein Levels in Chinese Older Males--A Community-Based Study (Taichung Community Health Study-Elderly, TCHS-E). 2015 , 10, e0132908 | 19 |
| 448 | Liver Cirrhosis: Evaluation, Nutritional Status, and Prognosis. 2015 , 2015, 872152 | 58 |
| 447 | The pathogenetic bases of sarcopenia. 2015 , 12, 22-6 | 75 |
| 446 | Muscle loss and obesity: the health implications of sarcopenia and sarcopenic obesity. 2015 , 74, 405-12 | 151 |
| 445 | Body composition indices of a load-capacity model: gender- and BMI-specific reference curves. 2015 , 18, 1245-54 | 38 |

| | | |
|-----|--|-----|
| 444 | Nonlinear relationship between waist to hip ratio, weight and strength in elders: is gender the key?. 2015 , 16, 685-92 | 5 |
| 443 | Utility of creatinine/cystatin C ratio as a predictive marker for adverse effects of chemotherapy in lung cancer: A retrospective study. 2015 , 43, 573-82 | 27 |
| 442 | Prevalence and risk factors of sarcopenia in elderly nursing home residents. 2015 , 6, 214-219 | 15 |
| 441 | Prognostic value of sarcopenia in liver surgery. 2015 , 152, 297-304 | 21 |
| 440 | Impact of increased visceral adiposity with normal weight on the progression of arterial stiffness in Japanese patients with type 2 diabetes. 2015 , 3, e000081 | 25 |
| 439 | Sarcopenia, sarcopenic obesity, and functional impairments in older adults: National Health and Nutrition Examination Surveys 1999-2004. 2015 , 35, 1031-9 | 102 |
| 438 | Body composition changes were related to nutrient intakes in elderly men but elderly women had a higher prevalence of sarcopenic obesity in a population of Korean adults. 2015 , 35, 1-6 | 56 |
| 437 | Body composition in dialysis patients: a functional assessment of bioimpedance using different prediction models. 2015 , 25, 121-8 | 21 |
| 436 | An Overview of Sarcopenic Obesity. 2015 , 18, 499-505 | 81 |
| 435 | The impacts of sarcopenia and obesity on physical performance in the elderly. 2015 , 9, 256-65 | 31 |
| 434 | Dnutrition du sujet obèse. 2015 , 29, 50-53 | 1 |
| 433 | Sarcopenic obesity and the pathogenesis of exercise intolerance in heart failure with preserved ejection fraction. 2015 , 12, 205-14 | 44 |
| 432 | Sarcopenia--The search for emerging biomarkers. 2015 , 22, 58-71 | 107 |
| 431 | Caloric restriction for treatment of geriatric obesity: Do the benefits outweigh the risks?. 2015 , 4, 143-155 | 18 |
| 430 | Valeur pronostique de la sarcopie dans la chirurgie des tumeurs du foie. 2015 , 152, 307-315 | |
| 429 | Assessing appendicular skeletal muscle mass with bioelectrical impedance analysis in free-living Caucasian older adults. 2015 , 34, 667-73 | 140 |
| 428 | Obesity in the Context of Aging: Quality of Life Considerations. 2015 , 33, 655-72 | 23 |
| 427 | Preliminary evaluation of the prevalence of sarcopenia in obese patients from Southern Italy. 2015 , 31, 79-83 | 11 |

| | | |
|-----|---|-----|
| 426 | Inverse relationship between "a body shape index" (ABSI) and fat-free mass in women and men: Insights into mechanisms of sarcopenic obesity. 2015 , 34, 323-7 | 40 |
| 425 | Food and addiction among the ageing population. 2015 , 20, 79-85 | 49 |
| 424 | Sarcopenic obesity: molecular clues to a better understanding of its pathogenesis?. 2015 , 16, 15-29 | 81 |
| 423 | Effects of short-term Nordic walking training on sarcopenia-related parameters in women with low bone mass: a preliminary study. 2016 , 11, 1763-1771 | 22 |
| 422 | Dietary protein intake in sarcopenic obese older women. 2016 , 11, 133-40 | 37 |
| 421 | Sarcopenia and sarcopenic obesity. 2016 , 31, 1054-1060 | 128 |
| 420 | Ageing-Associated Oxidative Stress and Inflammation Are Alleviated by Products from Grapes. 2016 , 2016, 6236309 | 57 |
| 419 | Effects of a progressive resistance exercise program with high-speed component on the physical function of older women with sarcopenic obesity: a randomized controlled trial. 2016 , 20, 432-440 | 29 |
| 418 | Association of sarcopenic obesity with the risk of all-cause mortality: A meta-analysis of prospective cohort studies. 2016 , 16, 155-66 | 113 |
| 417 | Sarcopenia and Sarcopenic Obesity Are Prognostic Factors for Overall Survival in Patients with Cirrhosis. 2016 , 55, 855-6 | 5 |
| 416 | Effects of a nutrition plus exercise programme on physical function in sarcopenic obese elderly people: study protocol for a randomised controlled trial. 2016 , 6, e012140 | 6 |
| 415 | AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY COMPREHENSIVE CLINICAL PRACTICE GUIDELINES FOR MEDICAL CARE OF PATIENTS WITH OBESITY. 2016 , 22 Suppl 3, 1-203 | 557 |
| 414 | Association of anthropometric measures with fat and fat-free mass in the elderly: The Rotterdam study. 2016 , 88, 96-100 | 25 |
| 413 | Novel effects of sarcopenic osteoarthritis on metabolic syndrome, insulin resistance, osteoporosis, and bone fracture: the national survey. 2016 , 27, 2447-57 | 9 |
| 412 | Phenotype of sarcopenic obesity in older individuals with a history of falling. 2016 , 65, 255-9 | 27 |
| 411 | Cross-sectional associations of objectively measured physical activity and sedentary time with sarcopenia and sarcopenic obesity in older men. 2016 , 91, 264-272 | 54 |
| 410 | The role of exercise, milk, dairy foods and constituent proteins on the prevention and management of sarcopenia. 2016 , 69, 13-21 | 2 |
| 409 | Association of Sarcopenia and Obesity With Multimorbidity in Korean Adults: A Nationwide Cross-Sectional Study. 2016 , 17, 960.e1-7 | 36 |

| | | |
|-----|--|-----|
| 408 | Novel Intriguing Strategies Attenuating to Sarcopenia. 2016 , 185-208 | |
| 407 | Biomarkers in sarcopenia: A multifactorial approach. 2016 , 85, 1-8 | 85 |
| 406 | Muscle Weakness Is Associated With Diabetes in Older Mexicans: The Mexican Health and Aging Study. 2016 , 17, 933-8 | 23 |
| 405 | Sarcopenia and sarcopenic obesity: do they predict inferior oncologic outcomes after gastrointestinal cancer surgery?. 2016 , 5, 30 | 49 |
| 404 | Association Between Obesity and Falls Among Korean Adults: A Population-Based Cross-Sectional Study. 2016 , 95, e3130 | 15 |
| 403 | Sarcopenic Obesity and Metabolic Syndrome in Adult Caucasian Subjects. 2016 , 20, 958-963 | 30 |
| 402 | Whole-body electromyostimulation to fight sarcopenic obesity in community-dwelling older women at risk. Results of the randomized controlled FORMOSA-sarcopenic obesity study. 2016 , 27, 3261-3270 | 54 |
| 401 | Functional performance, nutritional status, and body composition in ambulant community-dwelling individuals 1-3 years after suffering from a cerebral infarction or intracerebral bleeding. 2016 , 16, 48 | 13 |
| 400 | Sarcopenic Obesity: An Appraisal of the Current Status of Knowledge and Management in Elderly People. 2016 , 20, 780-8 | 32 |
| 399 | Sarcopenia and mortality among a population-based sample of community-dwelling older adults. 2016 , 7, 290-8 | 150 |
| 398 | Handgrip Strength Cutoff Points to Identify Mobility Limitation in Community-dwelling Older People and Associated Factors. 2016 , 20, 306-15 | 43 |
| 397 | Effects of dietary protein intake on body composition changes after weight loss in older adults: a systematic review and meta-analysis. 2016 , 74, 210-24 | 103 |
| 396 | Whey protein, amino acids, and vitamin D supplementation with physical activity increases fat-free mass and strength, functionality, and quality of life and decreases inflammation in sarcopenic elderly. 2016 , 103, 830-40 | 193 |
| 395 | Making the most of the imaging we have: using head MRI to estimate body composition. 2016 , 71, 402.e1-7 | 2 |
| 394 | Sarcopenic obesity. 2016 , 7, 214-219 | 6 |
| 393 | Weight stability in Parkinson's disease. 2016 , 19, 11-20 | 17 |
| 392 | Ectopic Fat Accumulation and Glucose Homeostasis: Role of Leptin in Glucose and Lipid Metabolism and Mass Maintenance in Skeletal Muscle. 2016 , 201-213 | 1 |
| 391 | Dynapenic abdominal obesity as predictor of mortality and disability worsening in older adults: A 10-year prospective study. 2016 , 35, 199-204 | 36 |

| | | |
|-----|---|-----|
| 390 | Prevalence of sarcopenic obesity in Germany using established definitions: Baseline data of the FORMOsA study. 2016 , 27, 275-81 | 29 |
| 389 | Short- and Long-term weight changes among United States veterans with diffuse large B-cell lymphoma treated with CHOP chemotherapy. 2016 , 57, 313-319 | 3 |
| 388 | Body composition analysis for discrimination of prolonged hospital stay in colorectal cancer surgery patients. 2017 , 26, e12491 | 14 |
| 387 | Body composition and physical function after progressive resistance and balance training among older adults after stroke: an exploratory randomized controlled trial. 2017 , 39, 1207-1214 | 10 |
| 386 | Irisin Levels Are not Associated to Resistance Training-Induced Alterations in Body Mass Composition in Older Untrained Women with and without Obesity. 2017 , 21, 241-246 | 18 |
| 385 | Frailty - From concept to clinical practice. 2017 , 87, 160-167 | 42 |
| 384 | Validity and reliability of a 4-compartment body composition model using dual energy x-ray absorptiometry-derived body volume. 2017 , 36, 825-830 | 46 |
| 383 | Obesity and Heart Failure: Focus on the Obesity Paradox. 2017 , 92, 266-279 | 137 |
| 382 | Validity of estimating muscle and fat volume from a single MRI section in older adults with sarcopenia and sarcopenic obesity. 2017 , 72, 427.e9-427.e14 | 21 |
| 381 | Prevalence of sarcopenia and sarcopenic obesity in older German men using recognized definitions: high accordance but low overlap!. 2017 , 28, 1881-1891 | 43 |
| 380 | Sarcopenia and sarcopenic obesity in comparison: prevalence, metabolic profile, and key differences. A cross-sectional study in Italian hospitalized elderly. 2017 , 29, 1249-1258 | 25 |
| 379 | Equation-derived body fat percentage indicates metabolic abnormalities among normal-weight adults in a rural Chinese population. 2017 , 29, e22964 | 2 |
| 378 | Increased Mortality in Elderly Patients with Sarcopenia and Acetabular Fractures. 2017 , 99, 200-206 | 46 |
| 377 | The effect of peripheral neuropathy on lower limb muscle strength in diabetic individuals. 2017 , 43, 67-73 | 18 |
| 376 | De la dysfonction du tissu adipeux blanc aux phénotypes anatomocliniques de l'obésité. 2017 , 12, 16-41 | 5 |
| 375 | The emerging global phenomenon of sarcopenic obesity: Role of functional foods; a conference report. 2017 , 33, 244-250 | 8 |
| 374 | Physical Activity Modifies the Association between Dietary Protein and Lean Mass of Postmenopausal Women. 2017 , 117, 192-203.e1 | 4 |
| 373 | Involvement of oxidative stress in atherosclerosis development in subjects with sarcopenic obesity. 2017 , 3, 212-218 | 6 |

| | | |
|-----|---|----|
| 372 | Prevalence and Clinical Correlates of Sarcopenia, Identified According to the EWGSOP Definition and Diagnostic Algorithm, in Hospitalized Older People: The GLISTEN Study. 2017 , 72, 1575-1581 | 67 |
| 371 | Delivery of Nutritious Meals to Elderly Receiving Home Care: Feasibility and Effectiveness. 2017 , 21, 370-380 | 14 |
| 370 | Elevated serum leptin levels are associated with low vitamin D, sarcopenic obesity, poor muscle strength, and physical performance in knee osteoarthritis. 2017 , 22, 723-730 | 16 |
| 369 | Dynapenic Abdominal Obesity as a Predictor of Worsening Disability, Hospitalization, and Mortality in Older Adults: Results From the InCHIANTI Study. 2017 , 72, 1098-1104 | 42 |
| 368 | The Association Between Muscle Weakness and Incident Diabetes in Older Mexican Americans. 2017 , 18, 452.e7-452.e12 | 25 |
| 367 | Longitudinal associations between body composition, sarcopenic obesity and outcomes of frailty, disability, institutionalisation and mortality in community-dwelling older men: The Concord Health and Ageing in Men Project. 2017 , 46, 413-420 | 90 |
| 366 | Analysis of relationship of high fat mass and low muscle mass with lipid profile in Brazilians aged 80 years or over. 2017 , 11 Suppl 1, S115-S120 | 3 |
| 365 | Comment dfinir et diagnostiquer la dhnutrition chez le sujet obse ? 2017 , 31, 276-281 | 2 |
| 364 | Free Fatty Acid Receptor 4 Mediates the Beneficial Effects of n-3 Fatty Acids on Body Composition in Mice. 2017 , 101, 654-662 | 3 |
| 363 | Short-term microcurrent electrical neuromuscular stimulation to improve muscle function in the elderly: A randomized, double-blinded, sham-controlled clinical trial. 2017 , 96, e7407 | 11 |
| 362 | Association of handgrip strength with hospitalization, cardiovascular events, and mortality in Japanese patients with type 2 diabetes. 2017 , 7, 7041 | 42 |
| 361 | The association of abdominal muscle with outcomes after scheduled abdominal aortic aneurysm repair. 2017 , 72, 1107-1111 | 13 |
| 360 | Sarcopenia in elderly patients with chronic low back pain. 2017 , 3, 195-200 | 27 |
| 359 | Physical activity level significantly affects the survival of patients with end-stage lung disease on a waiting list for lung transplantation. 2017 , 47, 1526-1532 | 8 |
| 358 | Evaluation of Hypocaloric Diet With Protein Supplementation in Middle-Aged Sarcopenic Obese Women: A Pilot Study. 2017 , 10, 160-167 | 21 |
| 357 | Differences in body composition and physical function related to pure sarcopenia and sarcopenic obesity: A study of community-dwelling older adults in Japan. 2017 , 17, 2602-2609 | 15 |
| 356 | Towards a multidisciplinary approach to understand and manage obesity and related diseases. 2017 , 36, 917-938 | 98 |
| 355 | Preoperative sarcopenia determinants in pancreatic cancer patients. 2017 , 36, 1649-1653 | 36 |

| | | |
|-----|---|-----|
| 354 | Sarcopenic obesity or obese sarcopenia: A cross talk between age-associated adipose tissue and skeletal muscle inflammation as a main mechanism of the pathogenesis. 2017 , 35, 200-221 | 288 |
| 353 | Sarcopenia in emergency abdominal surgery. 2017 , 207, 13-21 | 38 |
| 352 | Association of metabolic syndrome and 25-hydroxyvitamin D with cognitive impairment among elderly Koreans. 2017 , 17, 1069-1075 | 12 |
| 351 | Omega-3 fatty acid EPA improves regenerative capacity of mouse skeletal muscle cells exposed to saturated fat and inflammation. 2017 , 18, 109-129 | 32 |
| 350 | ESPEN guidelines on definitions and terminology of clinical nutrition. 2017 , 36, 49-64 | 785 |
| 349 | A multiscale modeling framework for studying the mechanobiology of sarcopenic obesity. 2017 , 16, 275-295 | 12 |
| 348 | Plant-Based Diets for Health Maintenance and Disease Prevention: Why and How?. 2017 , 89-112 | |
| 347 | Physical Activity, Functional Ability, and Obesity in Older Adults: A Gender Difference. 2017 , 43, 38-46 | 16 |
| 346 | Whole-body electromyostimulation and protein supplementation favorably affect sarcopenic obesity in community-dwelling older men at risk: the randomized controlled FransO study. 2017 , 12, 1503-1513 | 49 |
| 345 | Obesity, sarcopenia, sarcopenic obesity and reduced mobility in Brazilian older people aged 80 years and over. 2017 , 15, 435-440 | 11 |
| 344 | The Obese Gunshot Patient: Injury and Septic Shock. 2017 , 27-54 | |
| 343 | Association of physical capacity with heart rate variability based on a short-duration measurement of resting pulse rate in older adults with obesity. 2017 , 12, e0189150 | 9 |
| 342 | Prevalence of obesity, sarcopenic obesity and associated factors: A FIBRA Network study. 2017 , 30, 161-169 | 7 |
| 341 | Association of insufficient physical activity with sarcopenia and sarcopenic obesity in individuals aged 50 years or more. 2017 , 30, 175-184 | 8 |
| 340 | Relationships among Obesity, Sarcopenia, and Osteoarthritis in the Elderly. 2017 , 26, 36-44 | 10 |
| 339 | Prosarcopenic Effects of Statins May Limit Their Effectiveness in Patients with Heart Failure. 2018 , 39, 331-353 | 13 |
| 338 | Muscle Strength and Functional Limitations: Preserving Function in Older Mexican Americans. 2018 , 19, 391-398 | 23 |
| 337 | Sarcopenic Obesity Revisited: Insights From the Mr and Ms Os Cohort. 2018 , 19, 679-684.e2 | 8 |

| | | |
|-----|--|----|
| 336 | Associations of sarcopenic obesity with the metabolic syndrome and insulin resistance over five years in older men: The Concord Health and Ageing in Men Project. 2018 , 108, 99-105 | 17 |
| 335 | Quantification of Adipose Tissue and Muscle Mass Based on Computed Tomography Scans: Comparison of Eight Planimetric and Diametric Techniques Including a Step-By-Step Guide. 2018 , 59, 23-34 | 10 |
| 334 | Nutrition support in older adults. 2018 , 241-250 | |
| 333 | GIT2-A keystone in ageing and age-related disease. 2018 , 43, 46-63 | 13 |
| 332 | Associations of components of sarcopenic obesity with bone health and balance in older adults. 2018 , 75, 125-131 | 25 |
| 331 | Is sarcopenia and sarcopenic obesity associated with clinical and pathological outcomes in patients undergoing radical nephroureterectomy?. 2018 , 36, 156.e17-156.e22 | 12 |
| 330 | Physical activity and CVD in older adults: an expert's perspective. 2018 , 16, 1-10 | 21 |
| 329 | Oxidative stress is increased in sarcopenia and associated with cardiovascular disease risk in sarcopenic obesity. 2018 , 109, 6-12 | 59 |
| 328 | 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. 2018 , 18, 70 | 18 |
| 327 | The Association Between Handgrip Strength and Diabetes on Activities of Daily Living Disability in Older Mexican Americans. 2018 , 30, 1305-1318 | 13 |
| 326 | Relationship between obesity, sarcopenia, sarcopenic obesity, and bone mineral density in elderly subjects aged 80 years and over. 2018 , 53, 300-305 | 9 |
| 325 | The Role of Nutrition in Rehabilitation of Older Adults. 2018 , 181-190 | |
| 324 | Increased pericardial adipose tissue and cardiometabolic risk in patients with schizophrenia versus healthy controls. 2018 , 268, 719-725 | 11 |
| 323 | Influence of Occupation on Sarcopenia, Sarcopenic Obesity, and Metabolic Syndrome in Men Over 65 Years of Age. 2018 , 60, e512-e517 | 7 |
| 322 | Race and socioeconomic effect on sarcopenia and sarcopenic obesity in the Louisiana Osteoporosis Study (LOS). 2018 , 3, | 5 |
| 321 | Functional, nutritional and social factors associated with mobility limitations in the elderly: a systematic review. 2018 , 60, 579-585 | 6 |
| 320 | Decreased Handgrip Strength is Associated With Impairments in Each Autonomous Living Task for Aging Adults in the United States. 2019 , 8, 141-145 | 14 |
| 319 | Adherence to a Mediterranean Diet Is Not Associated with Risk of Sarcopenic Symptomology: A Cross-Sectional Analysis of Overweight and Obese Older Adults in Australia. 2019 , 8, 146-149 | 2 |

| | | |
|-----|---|-----|
| 318 | The impact of sarcopenic obesity on inflammation, lean body mass, and muscle strength in elderly women. 2018 , 11, 443-449 | 10 |
| 317 | Associations of body fat and skeletal muscle with hypertension. 2019 , 21, 230-238 | 14 |
| 316 | Impact of Above-Average Proanabolic Nutrients Is Overridden by High Protein and Energy Intake in the Muscle-Tendon Unit Characteristics of Middle- to Older-Aged Adults. 2018 , 148, 1776-1785 | 2 |
| 315 | Nutritional Considerations in Preventing Muscle Atrophy. 2018 , 1088, 497-528 | 8 |
| 314 | Androgen Deprivation Therapy for Prostate Cancer. 2018 , 1096, 1-30 | 8 |
| 313 | Association of obesity and sarcopenia among adult Filipinos. 2018 , 4, 109-113 | 3 |
| 312 | Rela entre obesidade, sarcopenia, obesidade sarcopica e densidade mineral ssea em idosos com 80 anos ou mais. 2018 , 53, 300-305 | 9 |
| 311 | Handgrip Strength and Health in Aging Adults. 2018 , 48, 1993-2000 | 67 |
| 310 | Epigenetics of Skeletal Muscle Aging. 2018 , 389-416 | 6 |
| 309 | The impact of sarcopenic obesity on knee and hip osteoarthritis: a scoping review. 2018 , 19, 271 | 36 |
| 308 | Sarcopenic obesity in older adults: aetiology, epidemiology and treatment strategies. 2018 , 14, 513-537 | 325 |
| 307 | The Association between Red Blood Cell Distribution Width and Sarcopenia in U.S. Adults. 2018 , 8, 11484 | 12 |
| 306 | Obesity, Metabolic Syndrome, and Musculoskeletal Disease: Common Inflammatory Pathways Suggest a Central Role for Loss of Muscle Integrity. 2018 , 9, 112 | 113 |
| 305 | Sarcopenic obesity and cognitive performance. 2018 , 13, 1111-1119 | 33 |
| 304 | Sarcopenic Obesity in Elderly Korean Women: A Nationwide Cross-sectional Study. 2018 , 25, 53-58 | 5 |
| 303 | Exercise and Nutrition Strategies to Counteract Sarcopenic Obesity. 2018 , 10, | 53 |
| 302 | Side Effects and Management of ADT for Prostate Cancer. 2018 , 149-156 | |
| 301 | Long-Term Effects of Dietary Protein and Branched-Chain Amino Acids on Metabolism and Inflammation in Mice. 2018 , 10, | 19 |

| | | |
|-----|---|----|
| 300 | 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. 2018 , 18, 2 | 15 |
| 299 | Physical Activity and Nutrition Influences In ageing (PANINI): consortium mission statement. 2018 , 30, 685-692 | 13 |
| 298 | The Effects of Electrical Acupuncture and Essential Amino Acid Supplementation on Sarcopenic Obesity in Male Older Adults: A Randomized Control Study. 2018 , 11, 327-334 | 11 |
| 297 | Anthropometric and ultrasound measures of maternal adiposity in the first trimester of pregnancy. 2018 , 21, 147-155 | |
| 296 | Impact of sarcopenia on the risk of advanced colorectal neoplasia. 2019 , 34, 162-168 | 10 |
| 295 | Associations between Sarcopenic Obesity and Cognitive Impairment in Elderly Chinese Community-Dwelling Individuals. 2019 , 23, 14-20 | 13 |
| 294 | Association of sarcopenic obesity with the risk of all-cause mortality among adults over a broad range of different settings: a updated meta-analysis. 2019 , 19, 183 | 37 |
| 293 | Prevalence of sarcopenic obesity in adults with end-stage knee osteoarthritis. 2019 , 27, 1735-1745 | 12 |
| 292 | The Analysis of Food Intake in Patients with Cirrhosis Waiting for Liver Transplantation: A Neglected Step in the Nutritional Assessment. 2019 , 11, | 5 |
| 291 | High Concentration of Serum Aspartate Aminotransferase in Older Underweight People: Results of the Kanagawa Investigation of the Total Check-Up Data from the National Database-2 (KITCHEN-2). 2019 , 8, | 6 |
| 290 | Changes in Fat Mass Following Creatine Supplementation and Resistance Training in Adults ≥50 Years of Age: A Meta-Analysis. 2019 , 4, | 11 |
| 289 | The Biological Foundations of Sarcopenia: Established and Promising Markers. 2019 , 6, 184 | 25 |
| 288 | Depression Severity as a Risk Factor of Sarcopenic Obesity in Morbidly Obese Patients. 2019 , 23, 761-767 | 3 |
| 287 | Nutritional requirements during ageing. 2019 , 26, 22 | 2 |
| 286 | A systematic review of outdoor gym use: Current evidence and future directions. 2019 , 22, 1335-1343 | 17 |
| 285 | Associations between sleep conditions and body composition states: results of the EPISONO study. 2019 , 10, 962-973 | 14 |
| 284 | Malnutrition and sarcopenia. 2019 , 31, 793-798 | 65 |
| 283 | Prevention and Treatment of Sarcopenic Obesity in Women. 2019 , 11, | 22 |

| | | |
|-----|--|----|
| 282 | Consequences of applying the new EWGSOP2 guideline instead of the former EWGSOP guideline for sarcopenia case finding in older patients. 2019 , 48, 719-724 | 53 |
| 281 | The Effect of Age upon the Interrelationship of BMI and Inpatient Health Outcomes. 2019 , 23, 558-563 | 5 |
| 280 | Clinical Manifestations and Factors Associated with Osteosarcopenic Obesity Syndrome: A Cross-Sectional Study in Koreans with Obesity. 2019 , 105, 77-88 | 10 |
| 279 | Sarcopenic obesity predicts nonremission of late-life depression. 2019 , 34, 1226-1234 | 9 |
| 278 | Urinary Sex Steroid and Glucocorticoid Hormones Are Associated With Muscle Mass and Strength in Healthy Adults. 2019 , 104, 2195-2215 | 6 |
| 277 | Effects of an Intensive Inpatient Rehabilitation Program in Elderly Patients with Obesity. 2019 , 12, 199-210 | 4 |
| 276 | Osteosarcopenic Obesity: Current Knowledge, Revised Identification Criteria and Treatment Principles. 2019 , 11, | 38 |
| 275 | Sarcopenic obesity can be negatively associated with active physical activity and adequate intake of some nutrients in Korean elderly: Findings from the Korea National Health and Nutrition Examination Survey (2008-2011). 2019 , 13, 47-57 | 15 |
| 274 | Association of predicted lean body mass and fat mass with cardiovascular events in patients with type 2 diabetes mellitus. 2019 , 191, E1042-E1048 | 16 |
| 273 | Association between skeletal muscle attenuation and gastroesophageal reflux disease: A health check-up cohort study. 2019 , 9, 20102 | 4 |
| 272 | Sarcopenia and Sarcopenic Obesity as Novel Risk Factors for Gastric Carcinogenesis: A Health Checkup Cohort Study. 2019 , 9, 1249 | 16 |
| 271 | Association of dynapenia, obesity and chronic diseases with all-cause mortality of community-dwelling older adults: A path analysis. 2019 , 19, 108-112 | 1 |
| 270 | Nutritional Status, Body Mass Index, and the Risk of Falls in Community-Dwelling Older Adults: A Systematic Review and Meta-Analysis. 2019 , 20, 569-582.e7 | 41 |
| 269 | Sarcopenia and obesity. 2019 , 22, 13-19 | 43 |
| 268 | Muscle mass measures and incident osteoporosis in a large cohort of postmenopausal women. 2019 , 10, 131-139 | 16 |
| 267 | Conjugated Linoleic Acid in Human Health: Effects on Weight Control. 2019 , 355-382 | 4 |
| 266 | Effects of Sarcopenic Obesity on Cardiovascular Disease and All-Cause Mortality. 2019 , 93-103 | 2 |
| 265 | Muscle loss: The new malnutrition challenge in clinical practice. 2019 , 38, 2113-2120 | 74 |

| | | |
|-----|---|----|
| 264 | Fat percentage cutoff values to define obesity and prevalence of sarcopenic obesity in community-dwelling older adults in Turkey. 2020 , 23, 477-482 | 18 |
| 263 | Atrophy of individual thigh muscles measured by MRI in older adults with knee osteoarthritis: A cross-sectional study. 2020 , 63, 38-45 | 3 |
| 262 | Is Weight Loss Harmful for Skeletal Health in Obese Older Adults?. 2020 , 66, 2-14 | 7 |
| 261 | Effect of essential amino acid supplementation and aerobic exercise on insulin sensitivity in healthy older adults: A randomized clinical trial. 2020 , 39, 1371-1378 | 2 |
| 260 | EWGSOP2 versus EWGSOP1 for sarcopenia to predict prognosis in patients with gastric cancer after radical gastrectomy: Analysis from a large-scale prospective study. 2020 , 39, 2301-2310 | 25 |
| 259 | The Longitudinal Associations of Handgrip Strength and Cognitive Function in Aging Americans. 2020 , 21, 634-639.e1 | 29 |
| 258 | Aging and Imaging Assessment of Body Composition: From Fat to Facts. 2019 , 10, 861 | 68 |
| 257 | Effects of exercise and whey protein on muscle mass, fat mass, myoelectrical muscle fatigue and health-related quality of life in older adults: a secondary analysis of the Liverpool Hope University-Sarcopenia Ageing Trial (LHU-SAT). 2020 , 120, 493-503 | 21 |
| 256 | The prevalence of sarcopenic obesity and its association with cognitive performance in type 2 diabetes in Singapore. 2020 , 39, 2274-2281 | 17 |
| 255 | Critical appraisal of definitions and diagnostic criteria for sarcopenic obesity based on a systematic review. 2020 , 39, 2368-2388 | 89 |
| 254 | Midlife falls are associated with increased risk of mortality in women: Findings from the National Health and Nutrition Examination Survey III. 2020 , 91, 104206 | 1 |
| 253 | Inflammation and metabolism: the role of adiposity in sarcopenic obesity. 2020 , 1-13 | 5 |
| 252 | High Visceral Fat Area Attenuated the Negative Association between High Body Mass Index and Sarcopenia in Community-Dwelling Older Chinese People. 2020 , 8, | 1 |
| 251 | Sociodemographic Prevalence of Sarcopenic Obesity Among Gender in African American Population. 2020 , 2, 2265-2270 | 0 |
| 250 | Effect of body shape on the development of cardiovascular disease in individuals with metabolically healthy obesity. 2020 , 99, e22036 | 1 |
| 249 | DXA-Derived Visceral Adipose Tissue (VAT) in Elderly: Percentiles of Reference for Gender and Association with Metabolic Outcomes. 2020 , 10, | 4 |
| 248 | Dysregulated Autophagy Mediates Sarcopenic Obesity and Its Complications via AMPK and PGC1 β Signaling Pathways: Potential Involvement of Gut Dysbiosis as a Pathological Link. 2020 , 21, | 9 |
| 247 | Gender and Exercise in Relation to Obesity in Greek Elderly Population. 2020 , 17, | 3 |

| | | |
|-----|--|----|
| 246 | Association of midlife body composition with old-age health-related quality of life, mortality, and reaching 90 years of age: a 32-year follow-up of a male cohort. 2020 , 112, 1287-1294 | 2 |
| 245 | Respiratory Muscle Strengths and Their Association with Lean Mass and Handgrip Strengths in Older Institutionalized Individuals. 2020 , 9, | 4 |
| 244 | Relationships of Fat and Muscle Mass with Chronic Kidney Disease in Older Adults: A Cross-Sectional Pilot Study. 2020 , 17, | 1 |
| 243 | Relationship between markers of malnutrition and clinical outcomes in older adults with cancer: systematic review, narrative synthesis and meta-analysis. 2020 , 74, 1519-1535 | 30 |
| 242 | Malnutrition as Key Predictor of Physical Frailty among Malaysian Older Adults. 2020 , 12, | 9 |
| 241 | Prevalence of Normal-Weight Obesity in Community-Dwelling Chinese Older Adults: Results from the Beijing Longitudinal Study of Aging. 2020 , 13, 1611-1617 | 5 |
| 240 | What are the association patterns between handgrip strength and adverse health conditions? A topical review. 2020 , 8, 2050312120910358 | 24 |
| 239 | [Impact of Sarcopenia on the Risk of Erosive Esophagitis]. 2020 , 75, 132-140 | 1 |
| 238 | Fucoxanthinol attenuates oxidative stress-induced atrophy and loss in myotubes and reduces the triacylglycerol content in mature adipocytes. 2020 , 47, 2703-2711 | 7 |
| 237 | Worsening Disability and Hospitalization Risk in Sarcopenic Obese and Dynapenic Abdominal Obese: A 5.5 Years Follow-Up Study in Elderly Men and Women. 2020 , 11, 314 | 6 |
| 236 | Sarcopenic obesity and associations with mortality in older women and men - a prospective observational study. 2020 , 20, 199 | 11 |
| 235 | Sarcopenic obesity in ageing: cardiovascular outcomes and mortality. 2020 , 124, 1102-1113 | 25 |
| 234 | Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. 2020 , 32, 56-70.e7 | 24 |
| 233 | Sarcopenic Obesity Predicts Early Attrition in Treatment-Seeking Patients with Obesity: A Longitudinal Pilot Study. 2020 , 7, | 3 |
| 232 | Phenotypes of Sarcopenic Obesity: Exploring the Effects on Peri-Muscular Fat, the Obesity Paradox, Hormone-Related Responses and the Clinical Implications. 2020 , 5, | 9 |
| 231 | Physical Activity Decreases the Risk of Sarcopenia and Sarcopenic Obesity in Older Adults with the Incidence of Clinical Factors: 24-Month Prospective Study. 2020 , 46, 166-177 | 8 |
| 230 | A Narrative Review of Handgrip Strength and Cognitive Functioning: Bringing a New Characteristic to Muscle Memory. 2020 , 73, 1265-1278 | 16 |
| 229 | Health Consequences of Sarcopenic Obesity: A Narrative Review. 2020 , 11, 332 | 49 |

| | | |
|-----|--|----|
| 228 | Effectiveness of non-pharmacological interventions on the management of sarcopenic obesity: A systematic review and meta-analysis. 2020 , 135, 110937 | 10 |
| 227 | Body Composition in Individuals with Obesity According to Age and Sex: A Cross-Sectional Study. 2020 , 9, | 1 |
| 226 | Role of Ultrasonography in Estimating Muscle Mass in Sarcopenic Obesity. 2020 , 44, 1398-1406 | 7 |
| 225 | Association between physical activity patterns and sarcopenia in Arab men. 2020 , 48, 300060520918694 | 2 |
| 224 | Sarcopenia as a Risk Factor for Gastrointestinal Disease: Relationship between Erosive Esophagitis and Sarcopenia. 2020 , 75, 117 | |
| 223 | Establishment of normative biometric data for body composition based on computed tomography in a North American cohort. 2021 , 40, 2435-2442 | 0 |
| 222 | Association between relative hand-grip strength and chronic cardiometabolic and musculoskeletal diseases in Koreans: A cross-sectional study. 2021 , 92, 104181 | 3 |
| 221 | Examining the association between muscle mass, muscle function, and fat indexes in an elderly population. 2021 , 83, 111071 | 2 |
| 220 | Novel approaches to sarcopenic obesity and weight management before and after kidney transplantation. 2021 , 30, 14-26 | 1 |
| 219 | Resistance Training in Hypoxia as a New Therapeutic Modality for Sarcopenia-A Narrative Review. 2021 , 11, | 4 |
| 218 | The Effect of Interaction between Obesity and Grip Strength on Health-Related Quality of Life in Elderly: Based on the Korea National Health and Nutrition Examination Survey (2016-2018). 2021 , 46, 28-35 | |
| 217 | Impact of Intake and Exercise (SIE) on Metabolic and Fitness Parameters in Sedentary Older Adults with Excessive Body Mass: Study Protocol of a Randomized Controlled Trial. 2021 , 18, | |
| 216 | Comment on "Calf circumference and risk of cardiovascular disease". 2021 , 21, 437-438 | |
| 215 | Sarcopenic Obesity in Liver Cirrhosis: Possible Mechanism and Clinical Impact. 2021 , 22, | 7 |
| 214 | Full characterisation of knee extensors' function in ageing: effect of sex and obesity. 2021 , 45, 895-905 | 2 |
| 213 | Body Composition Methods in Adults with Type 2 Diabetes or at Risk for T2D: a Clinical Review. 2021 , 21, 14 | 4 |
| 212 | Predictors of Sarcopenia in an Obese Asian Population. 2021 , 1-10 | |
| 211 | Effect of Sarcopenia and Body Shape on Cardiovascular Disease According to Obesity Phenotypes. 2021 , 45, 209-218 | 4 |

| | | |
|-----|---|----|
| 210 | Physical activity intervention for rural middle-aged and older Australian adults: a pilot implementation study of the ecofit program delivered in a real-world setting. 2021 , 7, 81 | 1 |
| 209 | Effects of Medical Treatment of Prostate Cancer on Bone Health. 2021 , 32, 135-158 | 12 |
| 208 | Effects of aerobic dance with electrical stimulant on body composition and radiological circumference of obese elderly women. 2021 , 180, | |
| 207 | Association of Body Fat Distribution Indices and Dietary Adequacy Ratio in (Body Shape Index and Waist-to-Height Ratio) in Free-Living Elderly in Tehran City, 2018â2019. 2021 , 16, 13-25 | 0 |
| 206 | Liver alanine catabolism promotes skeletal muscle atrophy and hyperglycaemia in type 2 diabetes. 2021 , 3, 394-409 | 15 |
| 205 | Sarcopenic obesity and the risk of hospitalisation or death from COVID-19: findings from UK Biobank. | 0 |
| 204 | Aquatic Exercise Positively Affects Physiological Frailty among Postmenopausal Women: A Randomized Controlled Clinical Trial. 2021 , 9, | 0 |
| 203 | Sarcopenic Obesity. 2021 , 147-156 | 0 |
| 202 | Coronavirus Disease 19 from the Perspective of Ageing with Focus on Nutritional Status and Nutrition Management-A Narrative Review. 2021 , 13, | 6 |
| 201 | Age-Related Decline in Vertical Jumping Performance in Masters Track and Field Athletes: Concomitant Influence of Body Composition. 2021 , 12, 643649 | 3 |
| 200 | Measurements of Muscle Mass, Equations and Cut-off Points. 2021 , 199-226 | |
| 199 | Predicting outcomes of abdominal surgical emergencies in the elderly population using a CT muscle gauge. 2021 , 33, 2479-2490 | 0 |
| 198 | Adherence to the Mediterranean Diet and anthropometric profile of obese Algerian subjects. 2021 , 5, 23-29 | |
| 197 | The Association Between Estimated Cardiorespiratory Fitness and Sarcopenic Obesity in Middle-Aged and Older Adults. 2021 , 30, 237-248 | 0 |
| 196 | The prevalence of sarcopenia in patients with rheumatological pathology. 2021 , 93, | 1 |
| 195 | Prevalence of sarcopenic obesity and association with metabolic syndrome in an adult Iranian cohort: The Fasa PERSIAN cohort study. 2021 , 11, e12459 | 0 |
| 194 | Relationship of domain-specific quality of life with body mass index and waist circumference in a Korean elderly population. 2021 , 1 | |
| 193 | Joint Effort towards Preventing Nutritional Deficiencies at the Extremes of Life during COVID-19. 2021 , 13, | 5 |

| | | |
|-----|---|-------|
| 192 | Sex influences the association between appendicular skeletal muscle mass to visceral fat area ratio and non-alcoholic steatohepatitis in patients with biopsy-proven non-alcoholic fatty liver disease. 2021 , 1-8 | 4 |
| 191 | Prevalence of sarcopenic obesity and sarcopenic overweight in the general population: The lifelines cohort study. 2021 , 40, 4422-4429 | 7 |
| 190 | The importance of the compartment model of body composition analysis in women with severe obesity. 2021 , 69, e86035 | |
| 189 | Prevalence and Related Factors of Sarcopenia in Community-dwelling Elderly with Long-term Care Insurance. 2021 , 16, 335-340 | 1 |
| 188 | Effects of GLP-1 receptor agonists on myokine levels and pro-inflammatory cytokines in patients with type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 3193-3201 | 4-5 0 |
| 187 | Sarcopenic obesity and the risk of hospitalization or death from coronavirus disease 2019: findings from UK Biobank. 2021 , | 3 |
| 186 | The Relationship between Sarcopenic Obesity, Weight-Loss and Maintenance Outcomes during Obesity Management: Are Additional Strategies Required?. 2021 , 11, 525-531 | 2 |
| 185 | Prevalence and Risk Factors of Sarcopenia among Older Adults Aged ≥5 Years Admitted to Daycare Centers of Taiwan: Using AWGS 2019 Guidelines. 2021 , 18, | 4 |
| 184 | Leptin brain entry via a tanycytic LepR-EGFR shuttle controls lipid metabolism and pancreas function. 2021 , 3, 1071-1090 | 16 |
| 183 | Sarcopenia and Visceral Obesity are Significantly Related to Severe Storage Symptoms in Geriatric Female Patients. 2021 , 13, 557-563 | |
| 182 | Musculoskeletal Changes Across the Lifespan: Nutrition and the Life-Course Approach to Prevention. 2021 , 8, 697954 | 1 |
| 181 | CT muscle density, D3Cr muscle mass and body fat associations with physical performance, mobility outcomes and mortality risk in older men. 2021 , | 1 |
| 180 | Eating Disorders in Midlife and in the Elderly. 2022 , 23-31 | 1 |
| 179 | Associations Between Self-Reported Weight History and Sarcopenic Obesity in Adults with Knee Osteoarthritis. 2021 , 29, 302-307 | |
| 178 | Association Between a Body Shape Index and Subclinical Carotid Atherosclerosis in Population Free of Cardiovascular and Cerebrovascular Diseases. 2021 , | 1 |
| 177 | Sarcopenia and Frailty. 154-167 | 0 |
| 176 | Sarcopenic Obesity. 181-192 | 2 |
| 175 | Measurements of Muscle Mass, Equations and Cut-off Points. 205-225 | 1 |

| | | |
|-----|--|----|
| 174 | The Obesity-Related Disability. 2013 , 55-76 | 3 |
| 173 | Body Composition and Aging. 2012 , 275-292 | 5 |
| 172 | Influence of abiraterone and enzalutamide on body composition in patients with metastatic castration resistant prostate cancer. 2020 , 25, 100256 | 3 |
| 171 | The Importance of Muscle Versus Fat Mass in Sarcopenic Obesity: A Re-evaluation Using D3-Creatine Muscle Mass Versus DXA Lean Mass Measurements. 2020 , 75, 1362-1368 | 15 |
| 170 | Physical Activity in Older Cancer Survivors: What Role Do Multimorbidity and Perceived Disability Play?. 2020 , 28, 311-319 | 7 |
| 169 | Nutrition, Physical Exercise, and the Prevalence of Sarcopenia in Elderly Residents in Nursing Homes in China. 2019 , 25, 4390-4399 | 17 |
| 168 | Increased Plin2 expression in human skeletal muscle is associated with sarcopenia and muscle weakness. 2013 , 8, e73709 | 38 |
| 167 | Association of low muscle mass and combined low muscle mass and visceral obesity with low cardiorespiratory fitness. 2014 , 9, e100118 | 36 |
| 166 | Associations of Low-Intensity Resistance Training with Body Composition and Lipid Profile in Obese Patients with Type 2 Diabetes. 2015 , 10, e0132959 | 12 |
| 165 | Obesity and the burden of health risks among the elderly in Ghana: A population study. 2017 , 12, e0186947 | 28 |
| 164 | Z-score of the log-transformed A Body Shape Index predicts low muscle mass in population with abdominal obesity: The U.S. and Korea National Health and Nutrition Examination Survey. 2020 , 15, e0242557 | 0 |
| 163 | Challenges in Treatment of Obesity in the Elderly. 2017 , 5, | 1 |
| 162 | Consideration about Physical Activity Guideline and Exercise Intensity for Adult. 2015 , 24, 99-107 | 5 |
| 161 | Influência da circunferência abdominal sobre o desempenho funcional de idosos. 2010 , 17, 327-331 | 2 |
| 160 | MAP kinase phosphatase-1--a new player at the nexus between sarcopenia and metabolic disease. 2010 , 2, 170-6 | 13 |
| 159 | Physical Activity and Nutrition Influences in Ageing: Current Findings from the PANINI Project. 2019 , | 2 |
| 158 | Absolute and Body Mass Index Normalized Handgrip Strength Percentiles by Gender, Ethnicity, and Hand Dominance in Americans. 2020 , 2, | 7 |
| 157 | The Prevalence of Sarcopenic Obesity in Postmenopausal Women with a History of Breast Cancer Depending on Adopted Methodology - A Case-Control Study. 2020 , 13, 1749-1758 | 1 |

| | | |
|-----|---|----|
| 156 | The multidomain mobility lab in older persons: from bench to bedside. The assessment of body composition in older persons at risk of mobility limitations. 2014 , 20, 3245-55 | 5 |
| 155 | Understanding Sarcopenic Obesity in Terms of Definition and Health Consequences: A Clinical Review. 2020 , 16, 957-961 | 10 |
| 154 | The Impact of Sarcopenic Obesity on Health-Related Quality of Life of Treatment-Seeking Patients with Obesity. 2020 , 16, 635-640 | 4 |
| 153 | Sarcopenic Obesity: Definition, Health Consequences and Clinical Management. 2018 , 12, 70-73 | 12 |
| 152 | Effects of a 12-week Circuit Training on Daily Living Fitness, Isokinetic Function, and Biochemical Property of Muscle in Sarcopenia Elderly Women. 2017 , 56, 679-691 | 3 |
| 151 | Sarcopenia and neurosurgery. 2014 , 56, 79-85 | 4 |
| 150 | Aging, Gut Microbiota and Metabolic Diseases: Management through Physical Exercise and Nutritional Interventions. 2020 , 13, | 10 |
| 149 | The impact of sarcopenia on health-related quality of life in elderly people: Korean National Health and Nutrition Examination Survey. 2019 , 34, 877-884 | 26 |
| 148 | Relationship between Decreased Estimated Glomerular Filtration Rate and Sarcopenic Obesity among Postmenopausal Women: Korea National Health and Nutrition Examination Survey (2008-2011). 2020 , 41, 332-338 | 1 |
| 147 | Association between Muscle Loss and Urinary Incontinence in Elderly Korean Women. 2015 , 36, 22-34 | 4 |
| 146 | Investigation of Sarcopenia and Its Association with Cardiometabolic Risk Factors in Elderly Subjects. 2010 , 14, 121-130 | 25 |
| 145 | Recent Progression in Sarcopenia and Sarcopenic Obesity. 2011 , 15, 1-7 | 15 |
| 144 | Sarcopenic Obesity: Correlation with Clinical, Functional, and Psychological Status in a Rehabilitation Setting. 2014 , 05, 2020-2031 | 5 |
| 143 | Treating morbid obesity in cirrhosis: A quest of holy grail. 2015 , 7, 2819-28 | 14 |
| 142 | Sarcopenia and Sarcopenic Obesity and Their Association with Cardiovascular Disease Risk in Postmenopausal Women: Results for the 2008-2011 Korea National Health and Nutrition Examination Survey. 2016 , 21, 378 | 3 |
| 141 | Prevalence of Sarcopenic Obesity and its Association with Functionality, Lifestyle, Biomarkers and Morbidities in Older Adults: the FIBRA-RJ Study of Frailty in Older Brazilian Adults. 2020 , 75, e1814 | 4 |
| 140 | Relationship between sarcopenic obesity and metabolic syndrome among Japanese elderly who underwent a comprehensive health checkup. 2017 , 44, 587-593 | 3 |
| 139 | Sarcopenic obesity is associated with osteopenia among Japanese elderly women: A cross-sectional study from comprehensive health checkups. 2018 , 45, 573-578 | 6 |

| | | |
|-----|--|----|
| 138 | Elderly Obesity: Is It Harmful or Beneficial?. 2018 , 27, 84-92 | 7 |
| 137 | Effects of 12 Weeks Aerobic/anaerobic Combined Exercise Training on Fitness, Body Composition, Skeletal Muscle Index and Blood Lipid Profiles in Obese Elderly Women. 2013 , 22, 30 | 6 |
| 136 | Evaluation of Dietary Intake and Exercise in the Elderly According to Hand Grip Strength. 2013 , 22, 243 | 5 |
| 135 | Diverse Abnormal Body Composition Phenotypes: Interaction Between Muscle, Fat, and Bone. 2015 , 24, 9-16 | 5 |
| 134 | Associations between lower extremity muscle mass and metabolic parameters related to obesity in Japanese obese patients with type 2 diabetes. 2015 , 3, e942 | 13 |
| 133 | Sarcopenia, Obesity, and Sarcopenic Obesity: Relationship with Skeletal Muscle Phenotypes and Single Nucleotide Polymorphisms. 2021 , 10, | 1 |
| 132 | Obésité de la personne âgée. Épidémiologie et conséquences. 2009 , 111-121 | |
| 131 | Body Composition and Lung Function. 2012 , 2259-2269 | |
| 130 | Resistance Exercise Strategies for Sarcopenic Obesity in Elderly People. 2012 , 21, 5 | 5 |
| 129 | Evaluation, Co-morbidity and Management of Obesity in the Elderly. 2012 , 21, 77 | 3 |
| 128 | Pitfalls of Androgen Deprivation Therapy. 2012 , 379-400 | |
| 127 | Cachexia and Sarcopenia. 141-153 | |
| 126 | Perioperative Care of the Geriatric Urology Patient. 2013 , 43-63 | |
| 125 | Effects of Exercise on Cardiovascular Disease Risk Factors in Sarcopenic Obesity Elderly Women. 2012 , 13, 3962-3972 | 0 |
| 124 | Letter: What is the Most Reliable Obesity Index in Korean Elderly Population? (Korean J Obes Vol.21 No.3, 2012). 2013 , 22, 118 | |
| 123 | Le tissu adipeux est-il une cible thérapeutique pertinente de l'obésité?. 2013 , 405-436 | |
| 122 | Sarcopenia and Osteoporosis: What Orthopaedic Surgeons Should Know. 2014 , 25-33 | |
| 121 | Aging. 2014 , | |

- 120 A Comparison between Asia-Pacific Region Criteria and Entropy Model Criteria about Body Mass Index of Elderly Females Using Morbidity of Chronic Disease. **2014**, 19, 490 2
- 119 Importance du concept de fragilité pour détecter et prévenir les dépendances « vitables » au cours du vieillissement. **2014**, 198, 825-846
- 118 Sarcopenic Obesity. **2015**, 89-98
- 117 Preoperative Evaluation of Body Muscle Mass is Useful for Risk Assessment for Male Patients with Gastric Cancer. **2015**, 48, 291-296 1
- 116 Effects of Korea Dance on Obesity-related Variables and Cardiovascular Function in Obese Older Women. **2015**, 32, 103-114
- 115 Study on White Rice Consumption and Metabolic Risk factor in Korean Elderly: Focused on Muscle. **2015**, 21, 147-159 1
- 114 Study on White Rice Consumption and Metabolic Risk factor in Korean Elderly: Focused on Muscle. **2015**, 21, 147-159 1
- 113 Geriatric Obesity. **2016**, 149-156
- 112 Metabolic Syndrome and Its Related Factors among Korean Elderly in Urban and Rural Areas. **2016**, 22, 32-41 0
- 111 Perioperative Care of the Geriatric Urology Patient. **2016**, 43-63
- 110 Metabolic Syndrome and Its Related Factors among Korean Elderly in Urban and Rural Areas. **2016**, 22, 32-41 2
- 109 Effects of Sarcopenic Obesity on Metabolic Syndrome in Korean Elders: Using Data from the Korea National Health and Nutrition Examination Survey (2008-2011). **2016**, 27, 231 2
- 108 The Effect of Combined Exercise on Body Composition, Functional Fitness and Muscle Protein Synthesis Related Hormone in Sarcopenic Obesity Elderly Women. **2016**, 7, 185-193 0
- 107 Effects of Elderly-friendly Remote Exercise Program on the Improvement of Sarcopenic Obesity in Elderly Women. **2016**, 18, 65-72
- 106 Adapting CBT-OB for Intensive Levels of Care. **2018**, 177-194
- 105 Effects of Aging and Sarcopenic Obesity Type on Metabolic Syndrome Risk Factors in Elderly Women. **2018**, 20, 12-19 1
- 104 Melatonin attenuates mitochondrial and metabolic dysfunction caused by leptin deficiency.
- 103 Non-pharmacological Interventions for Osteosarcopenia. **2019**, 345-361

| | | |
|-----|--|-----|
| 102 | Associations of Dietary Patterns with Sarcopenic Obesity among Middle-Aged Women: the Korean National Health and Nutrition Examination Survey (KNHANES) (2008-2011). 2019 , 28, 21-32 | |
| 101 | Breastfeeding and Sarcopenia in Later Life. 2019 , 40, 133-134 | |
| 100 | Besoins nutritionnels au cours du vieillissement. 2019 , 54, 294-299 | 1 |
| 99 | Sarcopenic obesity and associations with mortality in older women and men - prospective observational study. | |
| 98 | Sarcopenic obesity and associations with mortality in older women and men - prospective observational study. | |
| 97 | An endocrine-hepato-muscular metabolic cycle links skeletal muscle atrophy and hyperglycemia in type 2 diabetes. | |
| 96 | Metabolic changes in patients with prostate cancer with androgen deprivation therapy. 2020 , 23, 192-200 | |
| 95 | Overweight, Obesity, and Late-Life Sarcopenia Among Men With Cardiovascular Disease, Israel. 2020 , 17, E164 | 1 |
| 94 | Association between low muscle mass and metabolic syndrome in elderly Japanese women. 2020 , 15, e0243242 | 6 |
| 93 | Encyclopedia of Gerontology and Population Aging. 2020 , 1-6 | |
| 92 | Sarcopenic obesity and associations with mortality in older women and men - prospective observational study. | |
| 91 | Myopenia and Musculoskeletal Aging in Rheumatoid Arthritis. | |
| 90 | Morbid Obesity and Frailty. 2020 , 589-606 | |
| 89 | Musculoskeletal Health in Premature Ovarian Insufficiency. Part One: Muscle. 2020 , 38, 277-288 | 2 |
| 88 | Use of anthropometry for the prediction of regional body tissue distribution in adults: benefits and limitations in clinical practice. 2014 , 5, 373-93 | 10 |
| 87 | Clinical definition of sarcopenia. 2014 , 11, 177-80 | 238 |
| 86 | Sarcopenia is associated with Framingham risk score in the Korean population: Korean National Health and Nutrition Examination Survey (KNHANES) 2010-2011. 2015 , 12, 366-72 | 24 |
| 85 | Race and socioeconomic effect on sarcopenia and sarcopenic obesity in the Louisiana Osteoporosis Study (LOS). 2018 , 3, | 10 |

| | | |
|----|---|----|
| 84 | Encyclopedia of Gerontology and Population Aging. 2021 , 693-698 | |
| 83 | Using Dietary Macronutrient Patterns to Predict Sarcopenic Obesity in Older Adults: A Representative Korean Nationwide Population-Based Study. 2021 , 13, | 0 |
| 82 | Slow and Steady, or Hard and Fast? A Systematic Review and Meta-Analysis of Studies Comparing Body Composition Changes between Interval Training and Moderate Intensity Continuous Training. 2021 , 9, | 3 |
| 81 | Association Between Overweight Sarcopenic Population and Acute Vertebral Osteoporotic Compression Fractures in Females: Retrospective, Cross-Sectional Study.. 2021 , 8, 790135 | |
| 80 | Role of MicroRNAs and Long Non-Coding RNAs in Sarcopenia.. 2022 , 11, | 0 |
| 79 | Effects of smartphone mirroring-based telepresence exercise on body composition and physical function in obese older women.. 2022 , 1 | 0 |
| 78 | Multifactorial Mechanism of Sarcopenia and Sarcopenic Obesity. Role of Physical Exercise, Microbiota and Myokines.. 2022 , 11, | 4 |
| 77 | Nutrition and the Assessment of Sarcopenia. 2022 , 269-281 | |
| 76 | The Effect of Body Composition on Gait Variability Varies with Age: Interaction by Hierarchical Moderated Regression Analysis.. 2022 , 19, | 0 |
| 75 | The Ketogenic Diet: Is It an Answer for Sarcopenic Obesity?. 2022 , 14, | 0 |
| 74 | Association of Obesity, Sarcopenia, and Sarcopenic Obesity With Hypertension in Adults: A Cross-Sectional Study From Ravansar, Iran During 2014-2017.. 2021 , 9, 705055 | 0 |
| 73 | Age-related low skeletal muscle mass correlates with joint space narrowing in knee osteoarthritis in a South Korean population: a cross-sectional, case-control study.. 2022 , | |
| 72 | Pathogenesis of sarcopenia and the relationship with fat mass: descriptive review.. 2022 , | 13 |
| 71 | Exercise and Nutrition Impact on Osteoporosis and Sarcopenia-The Incidence of Osteosarcopenia: A Narrative Review.. 2021 , 13, | 8 |
| 70 | Diagnosis of osteosarcopeniaâClinical. 2022 , 181-204 | |
| 69 | Challenges in the Development of Drugs for Sarcopenia and Frailty - Report from the International Conference on Frailty and Sarcopenia Research (ICFSR) Task Force.. 2022 , 11, 135-142 | 0 |
| 68 | Can Intentional Weight Loss Ameliorate Sarcopenia in Individuals with Obesity? A Longitudinal Interventional Study.. 2022 , 12, 106-112 | 1 |
| 67 | Preservation of fat-free mass in the first year after bariatric surgery: a systematic review and meta-analysis of 122 studies and 10,758 participants.. 2022 , | 1 |

| | | |
|----|---|---|
| 66 | Body composition, energy expenditure, and markers of hemolysis in adults with sickle cell disease. 2022 , 6, 55-65 | 1 |
| 65 | VLCKD in Combination with Physical Exercise Preserves Skeletal Muscle Mass in Sarcopenic Obesity after Severe COVID-19 Disease: A Case Report.. 2022 , 10, | 0 |
| 64 | Sarcopenia after Roux-en-Y Gastric Bypass: Detection by Skeletal Muscle Mass Index vs. Bioelectrical Impedance Analysis.. 2022 , 11, | 2 |
| 63 | Ammonia Scavenger Restores Liver and Muscle Injury in a Mouse Model of Non-alcoholic Steatohepatitis With Sarcopenic Obesity.. 2022 , 9, 808497 | 0 |
| 62 | A Qualitative Study Exploring People’s Experience With the Multicomponent Community-Based Physical Activity Intervention ecofit During the COVID-19 Pandemic.. 2022 , 1-9 | |
| 61 | Could very low-calorie ketogenic diets turn off low grade inflammation in obesity? Emerging evidence.. 2022 , 1-17 | 1 |
| 60 | Skeletal muscle myostatin gene expression and sarcopenia in overweight and obese middle-aged and older adults.. 2021 , 6, 137-142 | 2 |
| 59 | Mortality, sarcopenic obesity, and sarcopenia: Frailty in Brazilian Older People Study - FIBRA - RJ. 2021 , 55, 75 | 1 |
| 58 | An Overview of the TRP-Oxidative Stress Axis in Metabolic Syndrome: Insights for Novel Therapeutic Approaches.. 2022 , 11, | 0 |
| 57 | Sarcopenic Obesity: An Emerging Public Health Problem.. 2022 , 13, 379-388 | 0 |
| 56 | Sarcopenic obesity versus non-obese sarcopenia in hemodialysis patients: differences in nutritional status, quality of life and clinical outcomes. 2022 , | 0 |
| 55 | Effects of resistance training on body composition and physical function in elderly patients with osteosarcopenic obesity: a systematic review and meta-analysis. 2022 , 17, | 1 |
| 54 | Gender-Specific Risk Factors and Prevalence for Sarcopenia among Community-Dwelling Young-Old Adults. 2022 , 19, 7232 | 1 |
| 53 | Assessment of existing anthropometric indices for screening sarcopenic obesity in older adults. 1-31 | |
| 52 | Identification of sarcopenic obesity in adults undergoing orthopaedic surgery: Relationship between body shape index (BSI) and fat-free mass. A cross-sectional study. 2022 , 17, e0269956 | 0 |
| 51 | Clinical outcomes of multidimensional association of type 2 diabetes mellitus, COVID-19 and sarcopenia: an algorithm and scoping systematic evaluation. 1-19 | 0 |
| 50 | Comparison of Creatinine and Cystatin C to Estimate Renal Function in Geriatric and Frail Patients. 2022 , 12, 846 | 0 |
| 49 | Use of Dual-Energy X-ray Absorptiometry for Body Composition in Chronic Disease Management. 2022 , 23, 97-105 | |

| | | |
|----|--|---|
| 48 | Sestrin2 Regulates Beneficial β -Adrenergic Receptor-Mediated Effects Observed in Inguinal White Adipose Tissue and Soleus Muscle. 2022 , 37, 552-557 | |
| 47 | Association of Dietary Factors With Grip Strength, Body Fat, and Prevalence of Sarcopenic Obesity in Rural Korean Elderly With Cardiometabolic Multimorbidity. 9, | 0 |
| 46 | Juzentaihoto Suppresses Muscle Atrophy in KKAY Mice. 2022 , 45, 888-894 | 1 |
| 45 | Effects of WB-EMS and protein supplementation on body composition, physical function, metabolism and inflammatory biomarkers in middle-aged and elderly patients with sarcopenic obesity: A meta-analysis of randomized controlled trials. 2022 , 166, 111886 | 1 |
| 44 | Associations of Dynapenic Obesity and Sarcopenic Obesity with the Risk of Complications in COVID-19. 2022 , 23, 8277 | 1 |
| 43 | Sarcopenic osteoporosis, sarcopenic obesity, and sarcopenic osteoporotic obesity in the Camargo cohort (Cantabria, Spain). 2022 , 17, | 0 |
| 42 | Why should sarcopenic obesity be included in a routine assessment during weight-management programmes?. 13, | 2 |
| 41 | The association between visceral fat and osteoporotic vertebral compression refractures. 2022 , 111808 | |
| 40 | Sex Differences in Adiposity and Cardiovascular Diseases. 2022 , 23, 9338 | 1 |
| 39 | Measuring the Frailty Phenotype and its Association with Cognition in Mid-Life and Older Age. 2022 , 1-12 | |
| 38 | Obesity with Chinese Characteristics? Prevalence and Determinants of Overweight and Obesity in China. 2022 , 79-104 | 0 |
| 37 | Sex Differences of Sarcopenia in an Elderly Asian Population: The Prevalence and Risk Factors. 2022 , 19, 11980 | 1 |
| 36 | Association between Grip Strength, Obesity, and Cardiometabolic Risk Factors among the Community-Dwelling Elderly Population in Taiwan. 2022 , 19, 11359 | 0 |
| 35 | The Use of Different Anthropometric Indices to Assess the Body Composition of Young Women in Relation to the Incidence of Obesity, Sarcopenia and the Premature Mortality Risk. 2022 , 19, 12449 | 0 |
| 34 | Diagnostic significance of calf circumference in sarcopenia of healthy korean adult males. 13, | 0 |
| 33 | Gender difference in appendicular muscle strength: determinant of the quality of life in the older Taiwanese. 2022 , 14, 7517-7526 | 0 |
| 32 | Effect of low skeletal muscle mass and sarcopenic obesity on chronic kidney disease in patients with type 2 diabetes. 2022 , 30, 2034-2043 | 1 |
| 31 | Definition of an adapted cut-off for determining low lean tissue mass in older women with obesity: a comparison to current cut-offs. 2022 , 12, | 1 |

| | | |
|----|--|---|
| 30 | The Role of Crosstalk between Adipose Cells and Myocytes in the Pathogenesis of Sarcopenic Obesity in the Elderly. 2022 , 11, 3361 | 2 |
| 29 | Approaching Sarcopenic Obesity in Young and Middle-Aged Female Adults in Weight Management Settings: A Narrative Review. 2022 , 10, 2042 | 0 |
| 28 | Association between Normal Weight Obesity and Skeletal Muscle Mass Index in Female University Students with Past Exercise Habituation. 2022 , 7, 92 | 0 |
| 27 | An Effective Glucagon-Like Peptide-1 Receptor Agonists, Semaglutide, Improves Sarcopenic Obesity in Obese Mice by Modulating Skeletal Muscle Metabolism. Volume 16, 3723-3735 | 1 |
| 26 | Lifestyle Strategies for the Management of Obesity in Older Adults: From Controversies to Alternative Interventions. 2022 , 10, 2107 | 0 |
| 25 | Comparison of the Nutrient Intake and Health Status of Elderly Koreans According to their BMI Status: Focus on the Underweight Elderly Population. 2022 , 27, 422 | 0 |
| 24 | The Association of Sarcopenia and Visceral Obesity with Lean Nonalcoholic Fatty Liver Disease in Chinese Patients with Type 2 Diabetes Mellitus. 2022 , 2022, 1-8 | 1 |
| 23 | Causal effects of B vitamins and homocysteine on obesity and musculoskeletal diseases: A Mendelian randomization study. 9, | 1 |
| 22 | Associations between Body Mass Index, Waist Circumference, and Myocardial Infarction in Older Adults Aged over 75 Years: A Population-Based Cohort Study. 2022 , 58, 1768 | 0 |
| 21 | Gender-specific factors contributing to visceral obesity including the sleep-obesity relationship: a large-scale cross-sectional study from East Asia. 2022 , 12, | 0 |
| 20 | Sarcopenia and excess visceral fat accumulation negatively affect early urinary function after I-125 low-dose-rate brachytherapy for localized prostate cancer. | 0 |
| 19 | Development of an approach for identifying overnutrition among older adults in community health care settings: - an opinion paper. 2022 , | 0 |
| 18 | Inhibition of the endocannabinoid system reverses obese phenotype in aged mice and partly restores skeletal muscle function. | 0 |
| 17 | Evaluation of sarcopenia and sarcopenic obesity in patients affected by oral squamous cell carcinoma: A retrospective single-center study. 2023 , | 0 |
| 16 | The association between healthy beverage index and sarcopenic obesity among women with overweight and obesity: a cross-sectional study. 2023 , 23, | 0 |
| 15 | Alternative skeletal muscle index for sarcopenia diagnosis in elderly patients with type 2 diabetes mellitus: A pilot study. 14, | 0 |
| 14 | Obesity and Aging. 2023 , 52, 317-339 | 0 |
| 13 | Sarcopenia is an independent risk factor for failure to achieve the 1-year MCID of the KOOS, JR and PROMIS PF-SF10a after TKA. 2023 , 42, 64-72 | 0 |

- 12 Sarcopenic obesity is a current problem of modern geriatrics. **2023**, 228-235 ○
- 11 Dynapenic abdominal obesity is related to cardiovascular risk in older adults with Parkinson's disease: A cross sectional study. **2023**, 54, 288-292 ○
- 10 Sarcopenia, adiposity, and discrepancies in cystatin C versus creatinine-based eGFR in patients with cancer: a cross-sectional study. ○
- 9 Promotion of healthy adipose tissue remodeling ameliorates muscle inflammation in a mouse model of sarcopenic obesity. 10, ○
- 8 Association of phase angle values and sarcopenia in older patients with heart failure. ○
- 7 Sarcopenia, obesity, and their association with selected behavioral factors in active older adults. 14, ○
- 6 Body Composition in Geriatric Patients. **2023**, 397-426 ○
- 5 Association between sarcopenia and prediabetes among non-elderly US adults. ○
- 4 The effect of combining nutrient intake and physical activity levels on central obesity, sarcopenia, and sarcopenic obesity: a population-based cross-sectional study in South Korea. **2023**, 23, ○
- 3 Resistin G allele haplotype at SNP -420/-358 is associated with the latent sarcopenic obesity index in the toon genome study. **2023**, 14, 686-694 ○
- 2 Association of Different Obesity Phenotypes with Sarcopenia in Han Chinese Middle-Aged and Elderly with Type 2 Diabetes Individuals. Volume 16, 841-848 ○
- 1 Myopenic Obesity Determined by Fat Mass Percentage Predicts Risk of Aspirin-Induced Bleeding in Chinese Older Adults. Volume 18, 585-595 ○