

# Association Between Regional Adipose Tissue Distribution and Impaired Glucose Tolerance in Elderly Men and Women

Diabetes Care

26, 372-379

DOI: [10.2337/diacare.26.2.372](https://doi.org/10.2337/diacare.26.2.372)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pathophysiology of Diabetes in the Elderly. , 0, , 17-23.		3
2	RESPONSE: Re: Insulin Resistance and Prostate Cancer Risk. Journal of the National Cancer Institute, 2003, 95, 1087-1087.	3.0	6
3	Re: Insulin Resistance and Prostate Cancer Risk. Journal of the National Cancer Institute, 2003, 95, 1086-1087.	3.0	10
4	Effects of Androgen Therapy on Adipose Tissue and Metabolism in Older Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4863-4872.	1.8	90
5	Dose-Dependent Effects of Testosterone on Regional Adipose Tissue Distribution in Healthy Young Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 718-726.	1.8	152
6	Increasing prevalence of obesity: implications for the health and functioning of older people. Reviews in Clinical Gerontology, 2004, 14, 235.	0.5	1
7	Adipocytokines Attenuate the Association Between Visceral Adiposity and Diabetes in Older Adults. Diabetes Care, 2004, 27, 1375-1380.	4.3	128
8	Exercise training increases intramyocellular lipid and oxidative capacity in older adults. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E857-E862.	1.8	138
9	Skeletal muscle lipid accumulation in obesity, insulin resistance, and type 2 diabetes. Pediatric Diabetes, 2004, 5, 219-226.	1.2	162
10	Racial Differences in Adipocyte Size and Relationship to the Metabolic Syndrome in Obese Women. Obesity, 2004, 12, 990-998.	4.0	33
11	Diabetes Is Associated Independently of Body Composition With BMD and Bone Volume in Older White and Black Men and Women: The Health, Aging, and Body Composition Study. Journal of Bone and Mineral Research, 2004, 19, 1084-1091.	3.1	174
12	Current literature in diabetes. Diabetes/Metabolism Research and Reviews, 2004, 20, 165-172.	1.7	0
13	Intramuscular and Liver Triglycerides Are Increased in the Elderly. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3864-3871.	1.8	241
14	The association of regional fat depots with hypertension in older persons of white and African American ethnicity. American Journal of Hypertension, 2004, 17, 971-976.	1.0	70
15	Intermuscular adipose tissue-free skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in adults. Journal of Applied Physiology, 2004, 97, 655-660.	1.2	174
16	Obesity in the elderly: who should we be treating, and why, and how?. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 3-9.	1.3	88
17	Dietary glycemic index and load, measures of glucose metabolism, and body fat distribution in older adults. American Journal of Clinical Nutrition, 2005, 82, 547-552.	2.2	37
18	Adipose tissue in muscle: a novel depot similar in size to visceral adipose tissue. American Journal of Clinical Nutrition, 2005, 81, 903-910.	2.2	291

#	ARTICLE	IF	CITATIONS
19	Relationship between body composition changes and changes in physical function and metabolic risk factors in aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005, 8, 523-528.	1.3	135
20	Nutrition and geriatric psychiatry: a neglected field. <i>Current Opinion in Psychiatry</i> , 2005, 18, 609-614.	3.1	19
22	Low subcutaneous thigh fat is a risk factor for unfavourable glucose and lipid levels, independently of high abdominal fat. The Health ABC Study. <i>Diabetologia</i> , 2005, 48, 301-308.	2.9	351
23	Visceral fat and beta cell function in non-diabetic humans. <i>Diabetologia</i> , 2005, 48, 2090-2096.	2.9	49
24	Obesity, hypertension and insulin resistance. <i>Acta Diabetologica</i> , 2005, 42, s3-s8.	1.2	109
25	Dietary glycemic index and load, measures of glucose metabolism, and body fat distribution in older adults. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 547-552.	2.2	40
26	Independent association of insulin resistance with larger amounts of intermuscular adipose tissue and a greater acute insulin response to glucose in African American than in white nondiabetic women. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 1210-1217.	2.2	155
28	Nontraumatic Fracture Risk With Diabetes Mellitus and Impaired Fasting Glucose in Older White and Black Adults. <i>Archives of Internal Medicine</i> , 2005, 165, 1612.	4.3	342
29	Glucose Metabolism in Patients With Schizophrenia Treated With Atypical Antipsychotic Agents. <i>Archives of General Psychiatry</i> , 2005, 62, 19.	13.8	307
30	Angiotensin-Converting Enzyme Inhibition Intervention in Elderly Persons: Effects on Body Composition and Physical Performance. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 1437-1446.	1.7	70
31	Evaluating the Cardiovascular Effects of the Thiazolidinediones and Their Place in the Management of Type 2 Diabetes in Relation to the Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2005, 3, 147-173.	0.5	3
32	Obesity, Regional Body Fat Distribution, and the Metabolic Syndrome in Older Men and Women. <i>Archives of Internal Medicine</i> , 2005, 165, 777.	4.3	532
33	Elevated Aortic Pulse Wave Velocity, a Marker of Arterial Stiffness, Predicts Cardiovascular Events in Well-Functioning Older Adults. <i>Circulation</i> , 2005, 111, 3384-3390.	1.6	1,067
34	Association of age with muscle mass, fat mass and fat distribution in non-diabetic haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 945-951.	0.4	60
35	Diabetes in the aging male. <i>Aging Male</i> , 2005, 8, 133-134.	0.9	3
36	Decreased Muscle Strength and Quality in Older Adults With Type 2 Diabetes: The Health, Aging, and Body Composition Study. <i>Diabetes</i> , 2006, 55, 1813-1818.	0.3	601
37	Obesity and depression: results from the longitudinal Northern Finland 1966 Birth Cohort Study. <i>International Journal of Obesity</i> , 2006, 30, 520-527.	1.6	257
38	The GH/IGF-1 Axis in Obesity: Physiological and Pathological Aspects. <i>Metabolic Syndrome and Related Disorders</i> , 2006, 4, 51-56.	0.5	37

#	ARTICLE	IF	CITATIONS
39	Changing Epidemiology of Obesity - Implications for Diabetes. , 2006, , 1-11.		0
40	Adipocytokines and Incident Diabetes Mellitus in Older Adults. Archives of Internal Medicine, 2006, 166, 350.	4.3	83
41	The underappreciated role of muscle in health and disease. American Journal of Clinical Nutrition, 2006, 84, 475-482.	2.2	1,081
42	Postchallenge glucose rises with increasing age even when glucose tolerance is normal. Diabetic Medicine, 2006, 23, 1174-1179.	1.2	13
43	Rosiglitazone modifies the adipogenic potential of human muscle satellite cells. Diabetologia, 2006, 49, 1962-1973.	2.9	69
44	Peroxisome proliferator activated receptor gamma activity is low in mature primary human visceral adipocytes. Diabetologia, 2006, 50, 195-201.	2.9	20
45	Influence of Adiposity in the Blunted Whole-Body Protein Anabolic Response to Insulin With Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 156-164.	1.7	40
46	Assessment of Basal Insulin Requirement Using Fasting Tests in Insulin-treated Patients with Type 2 Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2006, 114, 539-543.	0.6	3
47	Effects of Age and Sex on Postprandial Glucose Metabolism: Differences in Glucose Turnover, Insulin Secretion, Insulin Action, and Hepatic Insulin Extraction. Diabetes, 2006, 55, 2001-2014.	0.3	271
48	Thigh intermuscular fat is inversely associated with spontaneous GH release in post-menopausal women with abdominal obesity. European Journal of Endocrinology, 2006, 155, 261-268.	1.9	14
49	Results of Bariatric Surgery. Annual Review of Nutrition, 2006, 26, 481-511.	4.3	23
50	What aspects of body fat are particularly hazardous and how do we measure them?. International Journal of Epidemiology, 2006, 35, 83-92.	0.9	518
51	Metabolic Risks among College Students: Prevalence and Gender Differences. Metabolic Syndrome and Related Disorders, 2007, 5, 365-372.	0.5	50
52	Is the effect of testosterone on body composition modulated by the androgen receptor gene CAG repeat polymorphism in elderly men?. European Journal of Endocrinology, 2007, 156, 395-401.	1.9	38
53	CLA differently regulates adipogenesis in stromal vascular cells from porcine subcutaneous adipose and skeletal muscle. Journal of Lipid Research, 2007, 48, 1701-1709.	2.0	67
55	<i>LPIN2</i> Is Associated With Type 2 Diabetes, Glucose Metabolism, and Body Composition. Diabetes, 2007, 56, 3020-3026.	0.3	52
57	Oral glucose tolerance test in the assessment of glucose-tolerance in the elderly people. Age and Ageing, 2007, 36, 459-462.	0.7	11
58	Adverse prognosis associated with the metabolic syndrome in established coronary artery disease: data from the EUROPA trial. Heart, 2007, 93, 1406-1411.	1.2	42

#	ARTICLE	IF	CITATIONS
59	Reduced physical activity increases intermuscular adipose tissue in healthy young adults. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 377-384.	2.2	253
60	Role of fat metabolism in burn trauma-induced skeletal muscle insulin resistance. <i>Critical Care Medicine</i> , 2007, 35, S476-S483.	0.4	58
61	Adrenergic Receptor Genotype Influence on Midhigh Intermuscular Fat Response to Strength Training in Middle-Aged and Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 658-663.	1.7	15
62	Association Between Infant Birth Weight and Maternal Cardiovascular Risk Factors in the Health, Aging, and Body Composition Study. <i>Annals of Epidemiology</i> , 2007, 17, 36-43.	0.9	44
63	Associations between abdominal adiposity, exercise, morbidity, and mortality. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 1210-1211.	0.9	3
64	Characteristics of metabolically obese normal-weight (MONW) subjects. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 4-12.	0.9	180
65	Abdominal Visceral and Subcutaneous Adipose Tissue Compartments. <i>Circulation</i> , 2007, 116, 39-48.	1.6	2,349
66	Estimating whole body intermuscular adipose tissue from single cross-sectional magnetic resonance images. <i>Journal of Applied Physiology</i> , 2007, 102, 748-754.	1.2	52
67	Role of Exercise and Nutrition. , 2007, , 655-682.		0
68	A Study on Body Composition Components in Vegetarian and Non-Vegetarian Patients with Diabetes Mellitus. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2007, 22, 53-56.	0.1	1
69	Intermuscular adipose tissue rivals visceral adipose tissue in independent associations with cardiovascular risk. <i>International Journal of Obesity</i> , 2007, 31, 1400-1405.	1.6	124
70	Central Rather Than Overall Obesity Is Related to Diabetes in the Chinese Population: The InterASIA Study. <i>Obesity</i> , 2007, 15, 2809-2816.	1.5	50
71	NIH ImageJ and Sliceâ€œMatic Computed Tomography Imaging Software to Quantify Soft Tissue. <i>Obesity</i> , 2007, 15, 370-376.	1.5	125
72	The lean patient with type 2 diabetes: characteristics and therapy challenge. <i>International Journal of Clinical Practice</i> , 2007, 61, 3-9.	0.8	26
73	INSIG2 gene polymorphism is associated with increased subcutaneous fat in women and poor response to resistance training in men. <i>BMC Medical Genetics</i> , 2008, 9, 117.	2.1	22
74	The association between regional body composition and metabolic outcomes in athletes with spinal cord injury. <i>Spinal Cord</i> , 2008, 46, 192-197.	0.9	39
75	Fat Infiltration in Muscle: New Evidence for Familial Clustering and Associations With Diabetes. <i>Obesity</i> , 2008, 16, 1854-1860.	1.5	33
76	Postpubertal Development of Total and Abdominal Percentage Body Fat: An 8â€œYear Longitudinal Study. <i>Obesity</i> , 2008, 16, 2342-2347.	1.5	5

#	ARTICLE	IF	CITATIONS
77	Altered body composition in type 2 diabetes mellitus. <i>International Journal of Obesity</i> , 2008, 32, 780-787.	1.6	59
78	Optimal protein intake in the elderly. <i>Clinical Nutrition</i> , 2008, 27, 675-684.	2.3	360
79	11-Beta-hydroxysteroid dehydrogenase type 1 (11 $\beta$ -HSD1) inhibitors in Type 2 diabetes mellitus and obesity. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 481-496.	1.9	84
80	Effects of physical activity on strength and skeletal muscle fat infiltration in older adults: a randomized controlled trial. <i>Journal of Applied Physiology</i> , 2008, 105, 1498-1503.	1.2	330
81	Excessive Adipose Tissue Infiltration in Skeletal Muscle in Individuals With Obesity, Diabetes Mellitus, and Peripheral Neuropathy: Association With Performance and Function. <i>Physical Therapy</i> , 2008, 88, 1336-1344.	1.1	283
82	Relationships between exercise-induced reductions in thigh intermuscular adipose tissue, changes in lipoprotein particle size, and visceral adiposity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E407-E412.	1.8	71
83	Association of Visceral and Subcutaneous Adiposity with Kidney Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 1786-1791.	2.2	56
84	Pericardial Fat, Visceral Abdominal Fat, Cardiovascular Disease Risk Factors, and Vascular Calcification in a Community-Based Sample. <i>Circulation</i> , 2008, 117, 605-613.	1.6	896
85	Abdominal Obesity and the Metabolic Syndrome: Contribution to Global Cardiometabolic Risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1039-1049.	1.1	1,245
86	Abdominal and Gynoid Fat Mass Are Associated with Cardiovascular Risk Factors in Men and Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4360-4366.	1.8	166
87	Relationship of Abdominal Visceral and Subcutaneous Adipose Tissue With Lipoprotein Particle Number and Size in Type 2 Diabetes. <i>Diabetes</i> , 2008, 57, 2022-2027.	0.3	105
88	Role of the renin-angiotensin system in age-related sarcopenia and diastolic dysfunction. <i>Aging Health</i> , 2008, 4, 37-46.	0.3	13
89	Lower Visceral and Subcutaneous but Higher Intermuscular Adipose Tissue Depots in Patients with Growth Hormone and Insulin-Like Growth Factor I Excess Due to Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2334-2343.	1.8	99
90	Waist Circumference and Mortality. <i>American Journal of Epidemiology</i> , 2008, 167, 1465-1475.	1.6	173
91	Sex differences in insulin action and body fat distribution in overweight and obese middle-aged and older men and women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 784-790.	0.9	45
92	Sarcopenic obesity: definition, cause and consequences. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 693-700.	1.3	879
93	Abdominal adiposity and hot flashes among midlife women. <i>Menopause</i> , 2008, 15, 429-434.	0.8	104
94	Adipose tissue infiltration in skeletal muscle: age patterns and association with diabetes among men of African ancestry. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1590-1595.	2.2	101

#	ARTICLE	IF	CITATIONS
95	Visceral Fat and Adiponectin: Associations with Insulin Resistance Are Tissue-Specific in Women. <i>Metabolic Syndrome and Related Disorders</i> , 2009, 7, 61-67.	0.5	12
96	Patterns of Abdominal Fat Distribution. <i>Diabetes Care</i> , 2009, 32, 481-485.	4.3	152
97	Adipose tissue distribution is different in type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 807-814.	2.2	167
98	Greater Adipose Tissue Infiltration in Skeletal Muscle among Older Men of African Ancestry. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2735-2742.	1.8	61
99	New Zealand Ginger mouse: novel model that associates the <i>tyrp1</i> <sup>b</sup> pigmentation gene locus with regulation of lean body mass. <i>Physiological Genomics</i> , 2009, 37, 164-174.	1.0	4
100	Reciprocal Relations of Subcutaneous and Visceral Fat to Bone Structure and Strength. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 3387-3393.	1.8	290
101	Higher Serum Testosterone Concentration in Older Women is Associated with Insulin Resistance, Metabolic Syndrome, and Cardiovascular Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 4776-4784.	1.8	113
102	Intermuscular adipose tissue (IMAT): Association with other adipose tissue compartments and insulin sensitivity. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1340-1345.	1.9	160
103	Association of adiponectin with mortality in older adults: the Health, Aging, and Body Composition Study. <i>Diabetologia</i> , 2009, 52, 591-595.	2.9	74
104	Longitudinal study of muscle strength, quality, and adipose tissue infiltration. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1579-1585.	2.2	1,042
105	Adipogenic potential of skeletal muscle satellite cells. <i>Clinical Lipidology</i> , 2009, 4, 245-265.	0.4	33
106	Metabolic profile and quality of life in class I sarcopenic overweight and obese postmenopausal women: a MONET study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 18-24.	0.9	47
107	Association of the <i>CPT1B</i> Gene with Skeletal Muscle Fat Infiltration in Afro-Caribbean Men. <i>Obesity</i> , 2009, 17, 1396-1401.	1.5	18
108	Visceral and Subcutaneous Adiposity and Adiponectin in Middle-Aged Japanese Men: The ERA JUMP Study. <i>Obesity</i> , 2009, 17, 1269-1273.	1.5	31
109	Physical function improvements after laparoscopic Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2009, 5, 530-537.	1.0	38
110	Comment on: Physical function improvements after laparoscopic Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2009, 5, 537-539.	1.0	0
111	Decreased Visfatin after Exercise Training Correlates with Improved Glucose Tolerance. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1255-1260.	0.2	52
112	Histopathological Changes of the Intermuscular Adipose Tissue of the Rat Thigh during Experimental Knee Joint Contracture. <i>Rigakuryoho Kagaku</i> , 2009, 24, 901-905.	0.0	0

#	ARTICLE	IF	CITATIONS
113	Resistance Exercise for Sarcopenic Outcomes and Muscular Fitness in Aging Adults. <i>Strength and Conditioning Journal</i> , 2010, 32, 52-63.	0.7	8
114	Epidemiology of myosteatorsis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 260-264.	1.3	174
115	Effect of moderate intensity resistance training during weight loss on body composition and physical performance in overweight older adults. <i>European Journal of Applied Physiology</i> , 2010, 109, 517-525.	1.2	95
116	Skeletal muscle fat infiltration: Impact of age, inactivity, and exercise. <i>Journal of Nutrition, Health and Aging</i> , 2010, 14, 362-366.	1.5	334
117	Overview of the physiological changes and optimal diet in the golden age generation over 50. <i>European Review of Aging and Physical Activity</i> , 2010, 7, 27-36.	1.3	15
118	S-adenosylmethionine stimulates fatty acid metabolism-linked gene expression in porcine muscle satellite cells. <i>Molecular Biology Reports</i> , 2010, 37, 3143-3149.	1.0	8
119	Impacts of Visceral Adipose Tissue and Subcutaneous Adipose Tissue on Metabolic Risk Factors in Middle-aged Japanese. <i>Obesity</i> , 2010, 18, 153-160.	1.5	70
120	Quantification of Intermuscular Adipose Tissue in the Erector Spinae Muscle by MRI: Agreement With Histological Evaluation. <i>Obesity</i> , 2010, 18, 2379-2384.	1.5	46
121	Increased adipogenic conversion of muscle satellite cells in obese Zucker rats. <i>International Journal of Obesity</i> , 2010, 34, 1319-1327.	1.6	54
122	Utiliza�o de medidas antropom�tricas para a avalia�o do ac�mulo de gordura visceral. <i>Revista De Nutricao</i> , 2010, 23, 107-118.	0.4	29
123	Sarcopenia: characteristics, mechanisms and functional significance. <i>British Medical Bulletin</i> , 2010, 95, 139-159.	2.7	553
124	Obesity in the elderly: is faulty metabolism to blame?. <i>Aging Health</i> , 2010, 6, 159-167.	0.3	27
125	Body Fat Distribution, Adipocyte Size, and Metabolic Characteristics of Nondiabetic Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 67-73.	1.8	41
126	Impact of Abdominal Visceral and Subcutaneous Adipose Tissue on Cardiometabolic Risk Factors: The Jackson Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 5419-5426.	1.8	402
127	Fat Infiltration of Muscle, Diabetes, and Clinical Fracture Risk in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E368-E372.	1.8	80
128	Association Between Adiposity in Midlife and Older Age and Risk of Diabetes in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 2504.	3.8	130
129	Relationship Between Coronary Artery Disease and Epicardial Adipose Tissue Quantification at Cardiac CT. <i>Academic Radiology</i> , 2010, 17, 727-734.	1.3	42
130	Body Fat Distribution and Inflammation Among Obese Older Adults With and Without Metabolic Syndrome. <i>Obesity</i> , 2010, 18, 2354-2361.	1.5	217



#	ARTICLE	IF	CITATIONS
131	Nutrition in the Elderly. , 2010, , 357-380.		1
132	Plasma adiponectin concentration is strongly associated with VLDL-TG catabolism in postmenopausal women. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 21, 254-60.	1.1	8
133	Relation between visceral fat and coronary artery disease evaluated by multidetector computed tomography. Atherosclerosis, 2010, 209, 481-486.	0.4	70
134	Peri-aortic fat, cardiovascular disease risk factors, and aortic calcification: The Framingham Heart Study. Atherosclerosis, 2010, 210, 656-661.	0.4	170
135	Influence of Visceral Obesity on Oncologic Outcome in Patients with Renal Cell Carcinoma. Urologia Internationalis, 2010, 85, 30-36.	0.6	46
136	Regional adiposity distribution and insulin resistance in young Chinese and European Australian women. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 653-657.	0.6	9
137	Association between Obesity History and Hand Grip Strength in Older Adults--Exploring the Roles of Inflammation and Insulin Resistance as Mediating Factors. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 341-348.	1.7	100
138	Obesity Is Not Protective against Fracture in Postmenopausal Women: GLOW. American Journal of Medicine, 2011, 124, 1043-1050.	0.6	446
139	MitoQ10 induces adipogenesis and oxidative metabolism in myotube cultures. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 158, 125-131.	0.7	3
141	Associations of Visceral and Liver Fat With the Metabolic Syndrome Across the Spectrum of Obesity: The AGESâ€Reykjavik Study. Obesity, 2011, 19, 1265-1271.	1.5	56
142	Association of Subcutaneous and Visceral Adiposity With Albuminuria: The Framingham Heart Study. Obesity, 2011, 19, 1284-1289.	1.5	89
143	New Issues in the Management of Osteoporosis. Journal of Osteoporosis, 2011, 2011, 1-1.	0.1	3
144	Correlation of anthropometric indicators for identifying insulin sensitivity and resistance. Sao Paulo Medical Journal, 2011, 129, 30-35.	0.4	23
145	Similarities in Acquired Factors Related to Postmenopausal Osteoporosis and Sarcopenia. Journal of Osteoporosis, 2011, 2011, 1-14.	0.1	55
146	Sarcopenia, Sarcopenic Obesity and Insulin Resistance. , 2011, , .		0
147	Different Adipose Depots: Their Role in the Development of Metabolic Syndrome and Mitochondrial Response to Hypolipidemic Agents. Journal of Obesity, 2011, 2011, 1-15.	1.1	269
148	Aging and Adipose Tissue. , 2011, , 119-139.		7
149	Prior Preterm or Small-for-Gestational-Age Birth Related to Maternal Metabolic Syndrome. Obstetrics and Gynecology, 2011, 117, 225-232.	1.2	50

#	ARTICLE	IF	CITATIONS
150	Intermuscular Adipose Tissue and Metabolic Associations in HIV Infection. <i>Obesity</i> , 2011, 19, 283-291.	1.5	7
151	Transient Increase in HDL Cholesterol During Weight Gain by Hyperalimantation in Healthy Subjects. <i>Obesity</i> , 2011, 19, 812-817.	1.5	7
152	Bioactive androgens and glucuronidated androgen metabolites are associated with subcutaneous and ectopic skeletal muscle adiposity among older black men. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1178-1185.	1.5	10
153	Omentin inhibits osteoblastic differentiation of calcifying vascular smooth muscle cells through the PI3K/Akt pathway. <i>Amino Acids</i> , 2011, 41, 1223-1231.	1.2	61
154	Subcutaneous thigh fat area is unrelated to risk of type 2 diabetes in a prospective study of Japanese Americans. <i>Diabetologia</i> , 2011, 54, 2795-2800.	2.9	18
155	The Role of Bone Marrow and Visceral Fat on Bone Metabolism. <i>Current Osteoporosis Reports</i> , 2011, 9, 67-75.	1.5	80
156	The effects of physical activity, body mass index (BMI) and waist circumference (WC) on glucose intolerance in older people: A nationwide study from Taiwan. <i>Archives of Gerontology and Geriatrics</i> , 2011, 52, 54-59.	1.4	11
157	Sexually Dimorphic Diet-Induced Insulin Resistance in Obese Tissue Inhibitor of Metalloproteinase-2 (TIMP-2)-Deficient Mice. <i>Endocrinology</i> , 2011, 152, 1300-1313.	1.4	33
158	Measures of Adiposity and Future Risk of Ischemic Stroke and Coronary Heart Disease in Older Men and Women. <i>American Journal of Epidemiology</i> , 2011, 173, 10-25.	1.6	43
159	Histological changes in sarcopenia and the possible protective role of angiotensin-converting enzyme inhibitors in male albino rats. <i>Egyptian Journal of Histology</i> , 2011, 34, 762-771.	0.0	0
160	Effects of Body Composition and Adipose Tissue Distribution on Respiratory Function in Elderly Men and Women: The Health, Aging, and Body Composition Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 801-808.	1.7	52
161	Aging and Regional Differences in Fat Cell Progenitors – A Mini-Review. <i>Gerontology</i> , 2011, 57, 66-75.	1.4	196
162	Relationship of visceral and subcutaneous adiposity with renal function in people with type 2 diabetes mellitus. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3550-3555.	0.4	28
163	Developing an Objective Evaluation Method to Estimate Diabetes Risk in Community-Based Settings. <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 557-561.	2.4	0
164	Promyelocytic leukemia inhibits adipogenesis, and loss of promyelocytic leukemia results in fat accumulation in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E1130-E1142.	1.8	22
165	Lower Physical Activity Is Associated with Skeletal Muscle Fat Content in Girls. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1375-1381.	0.2	16
166	Effect of Longitudinal Changes in Visceral Fat Area and Other Anthropometric Indices to the Changes in Metabolic Risk Factors in Japanese Men. <i>Diabetes Care</i> , 2012, 35, 1139-1143.	4.3	30
167	Soy isoflavones and exercise to improve physical capacity in postmenopausal women. <i>Climacteric</i> , 2012, 16, 70-77.	1.1	20

#	ARTICLE	IF	CITATIONS
168	Stress in Obesity and Associated Metabolic and Cardiovascular Disorders. <i>Scientifica</i> , 2012, 2012, 1-19.	0.6	31
169	Intermuscular Adipose Tissue Is Muscle Specific and Associated with Poor Functional Performance. <i>Journal of Aging Research</i> , 2012, 2012, 1-7.	0.4	144
170	Usefulness of Preclinical Models for Assessing the Efficacy of Late-Life Interventions for Sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 17-27.	1.7	38
171	Mapping body fat distribution: A key step towards the identification of the vulnerable patient?. <i>Annals of Medicine</i> , 2012, 44, 758-772.	1.5	54
172	Dual-Énergy X-Ray Absorptiometry for Quantification of Visceral Fat. <i>Obesity</i> , 2012, 20, 1313-1318.	1.5	474
173	Lower Thigh Subcutaneous and Higher Visceral Abdominal Adipose Tissue Content Both Contribute to Insulin Resistance. <i>Obesity</i> , 2012, 20, 1115-1117.	1.5	62
174	Fat and Muscle Indices Assessed by pQCT: Relationships With Physical Activity and Type 2 Diabetes Risk. <i>Journal of Clinical Densitometry</i> , 2012, 15, 355-361.	0.5	21
175	Resistin Gene Expression in Visceral Adipose Tissue of Postmenopausal Women and its Association with Insulin Resistance. <i>Women's Health</i> , 2012, 8, 521-528.	0.7	10
176	Role of Muscle Mass and Muscle Quality in the Association Between Diabetes and Gait Speed. <i>Diabetes Care</i> , 2012, 35, 1672-1679.	4.3	215
177	Pericardial and thoracic peri-aortic adipose tissues contribute to systemic inflammation and calcified coronary atherosclerosis independent of body fat composition, anthropometric measures and traditional cardiovascular risks. <i>European Journal of Radiology</i> , 2012, 81, 749-756.	1.2	62
178	Unraveling the Relationship between Smoking and Weight: The Role of Sedentary Behavior. <i>Journal of Obesity</i> , 2012, 2012, 1-11.	1.1	45
179	The relationship between the regional abdominal adipose tissue distribution and the serum uric acid levels in people with type 2 diabetes mellitus. <i>Diabetology and Metabolic Syndrome</i> , 2012, 4, 3.	1.2	62
180	Different regulation role of myostatin in differentiating pig ADSCs and MSCs into adipocytes. <i>Cell Biochemistry and Function</i> , 2012, 30, 145-150.	1.4	14
181	Visceral fat positively correlates with cholesterol synthesis in dyslipidaemic patients. <i>European Journal of Clinical Investigation</i> , 2012, 42, 164-170.	1.7	22
182	Age-related differences in lower extremity tissue compartments and associations with physical function in older adults. <i>Experimental Gerontology</i> , 2012, 47, 38-44.	1.2	100
183	Does vertebral bone marrow fat content correlate with abdominal adipose tissue, lumbar spine bone mineral density, and blood biomarkers in women with type 2 diabetes mellitus?. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 117-124.	1.9	196
184	The Associations of Multiple Dimensions of Discrimination and Abdominal Fat in African American Adults: The Jackson Heart Study. <i>Annals of Behavioral Medicine</i> , 2012, 43, 4-14.	1.7	25
185	Abdominal body composition measured by quantitative computed tomography and risk of non-spine fractures: the Osteoporotic Fractures in Men (MrOS) study. <i>Osteoporosis International</i> , 2013, 24, 2231-2241.	1.3	32

#	ARTICLE	IF	CITATIONS
186	Low- and high-volume strength training induces similar neuromuscular improvements in muscle quality in elderly women. <i>Experimental Gerontology</i> , 2013, 48, 710-716.	1.2	100
187	Gender differences in the association of visceral and subcutaneous adiposity with adiponectin in African Americans: the Jackson Heart Study. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 9.	0.7	59
188	Visceral Adipose Tissue and Cardiovascular Disease Risk. <i>Current Cardiovascular Risk Reports</i> , 2013, 7, 95-101.	0.8	14
189	Comparison of lipid accumulation product with body mass index as an indicator of hypertension risk among Mongolians in China. <i>Obesity Research and Clinical Practice</i> , 2013, 7, e308-e314.	0.8	22
190	Sagittal abdominal diameter shows better correlation with cardiovascular risk factors than waist circumference and BMI. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 41.	0.8	28
191	Type 2 diabetes in East Asians: similarities and differences with populations in Europe and the United States. <i>Annals of the New York Academy of Sciences</i> , 2013, 1281, 64-91.	1.8	606
192	Thoracic periaortic and visceral adipose tissue and their cross-sectional associations with measures of vascular function. <i>Obesity</i> , 2013, 21, 1496-1503.	1.5	31
193	Abdominal visceral fat measurement using dual-energy X-ray: Association with cardiometabolic risk factors. <i>Obesity</i> , 2013, 21, 1798-1802.	1.5	58
194	Dose-dependent effects of vitamin D on transdifferentiation of skeletal muscle cells to adipose cells. <i>Journal of Endocrinology</i> , 2013, 217, 45-58.	1.2	53
195	Consumption of sucrose and high-fructose corn syrup does not increase liver fat or ectopic fat deposition in muscles. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 681-688.	0.9	69
196	Fat Distribution and Glucose Intolerance Among Greenland Inuit. <i>Diabetes Care</i> , 2013, 36, 2988-2994.	4.3	41
197	Abdominal Fat Is Associated With Lower Bone Formation and Inferior Bone Quality in Healthy Premenopausal Women: A Transiliac Bone Biopsy Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2562-2572.	1.8	165
198	Endurance training improves insulin sensitivity and body composition in prostate cancer patients treated with androgen deprivation therapy. <i>Endocrine-Related Cancer</i> , 2013, 20, 621-632.	1.6	28
199	Correlation of Abdominal Fat Distribution with Different Types of Diabetes in a Chinese Population. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-5.	1.0	6
200	Performance of Abdominal Bioelectrical Impedance Analysis and Comparison with Other Known Parameters in Predicting the Metabolic Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 391-396.	0.6	5
201	Abdominal myosteatosis is independently associated with hyperinsulinemia and insulin resistance among older men without diabetes. <i>Obesity</i> , 2013, 21, 2118-2125.	1.5	79
202	Effect of longitudinal changes in visceral fat area on incidence of metabolic risk factors: The hitachi health study. <i>Obesity</i> , 2013, 21, 2126-2129.	1.5	19
203	Quantification of visceral adipose tissue using lunar dual-energy X-ray absorptiometry in Asian Chinese. <i>Obesity</i> , 2013, 21, 2112-2117.	1.5	19

#	ARTICLE	IF	CITATIONS
204	The relationship between anthropometric indexes of adiposity and vascular function in the FATE cohort. <i>Obesity</i> , 2013, 21, 266-273.	1.5	22
205	Visceral fat and coronary artery calcification in patients with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, iv152-iv159.	0.4	31
206	Role of leptin resistance in the development of obesity in older patients. <i>Clinical Interventions in Aging</i> , 2013, 8, 829.	1.3	77
207	Adiponectin mRNA in adipose tissue and its association with metabolic risk factors in postmenopausal obese women. <i>Hormones</i> , 2013, 12, 119-127.	0.9	6
208	Serum Glycine Is Associated with Regional Body Fat and Insulin Resistance in Functionally-Limited Older Adults. <i>PLoS ONE</i> , 2013, 8, e84034.	1.1	54
209	Waist Circumference as Measure of Abdominal Fat Compartments. <i>Journal of Obesity</i> , 2013, 2013, 1-9.	1.1	64
210	Effects of Visceral Fat Accumulation Awareness on a Web-Based Weight-Loss Program: Japanese Study of Visceral Adiposity and Lifestyle Informationâ€™Utilization and Evaluation (J-VALUE). <i>ISRN Obesity</i> , 2013, 2013, 1-7.	2.2	6
211	Sarcopenic Obesity. <i>Journal of Korean Diabetes</i> , 2013, 14, 166.	0.1	9
212	Application of alternative anthropometric measurements to predict metabolic syndrome. <i>Clinics</i> , 2014, 69, 347-353.	0.6	40
213	Abdominal Adiposity Distribution in Diabetic/Prediabetic and Nondiabetic Populations: A Meta-Analysis. <i>Journal of Obesity</i> , 2014, 2014, 1-20.	1.1	26
214	Relation between abdominal subcutaneous fat tissue thickness and inflammatory markers during pregnancy. <i>Archives of Medical Science</i> , 2014, 4, 739-745.	0.4	18
215	Intermuscular Fat: A Review of the Consequences and Causes. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-11.	0.6	438
216	Structural alterations of skeletal muscle in copd. <i>Frontiers in Physiology</i> , 2014, 5, 104.	1.3	54
217	Resistance Exercise with Older Fallers: Its Impact on Intermuscular Adipose Tissue. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	21
218	Inflammatory biomarker pentraxin 3 (PTX3) in relation to obesity, body fat depots and weight loss. <i>Obesity</i> , 2014, 22, 1373-1379.	1.5	47
219	Association of Fat Density With Subclinical Atherosclerosis. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	55
220	Coding of obesity in administrative hospital discharge abstract data: accuracy and impact for future research studies. <i>BMC Health Services Research</i> , 2014, 14, 70.	0.9	99
221	Association between carotid intima-media thickness and index of central fat distribution in middle-aged and elderly Chinese. <i>Cardiovascular Diabetology</i> , 2014, 13, 139.	2.7	24

#	ARTICLE	IF	CITATIONS
222	Paraspinal Muscle Morphology and Composition. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 893-901.	0.2	129
223	Weight Change in Patients with Type 2 Diabetes Starting Basal Insulin Therapy: Correlates and Impact on Outcomes. <i>Postgraduate Medicine</i> , 2014, 126, 93-104.	0.9	16
225	Time course of low- and high-volume strength training on neuromuscular adaptations and muscle quality in older women. <i>Age</i> , 2014, 36, 881-892.	3.0	101
226	Hypothalamic-pituitary-adrenal axis activity, personality traits, and BCL1 and N363S polymorphisms of the glucocorticoid receptor gene in metabolically obese normal-weight women. <i>Endocrine</i> , 2014, 47, 315-321.	1.1	3
227	Intramuscular fat and inflammation differ in older adults: The impact of frailty and inactivity. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 532-538.	1.5	121
228	The Aging Adipose Organ: Lipid Redistribution, Inflammation, and Cellular Senescence. , 2014, , 69-80.		8
229	FABP4 Attenuates PPAR $\gamma$ and Adipogenesis and Is Inversely Correlated With PPAR $\gamma$ in Adipose Tissues. <i>Diabetes</i> , 2014, 63, 900-911.	0.3	230
230	Cardiometabolic risk in overweight subjects with or without relative fat-free mass deficiency: The Strong Heart Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 271-276.	1.1	21
231	Changes in Adipose Tissue Depots and Metabolic Markers Following a 1-Year Diet and Exercise Intervention in Overweight and Obese Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 3325-3332.	4.3	45
232	Pericardial fat volume is associated with clinical recurrence after catheter ablation for persistent atrial fibrillation, but not paroxysmal atrial fibrillation: An analysis of over 600-patients. <i>International Journal of Cardiology</i> , 2014, 176, 841-846.	0.8	56
233	Age-related obesity is a heritage of the evolutionary past. <i>Biochemistry (Moscow)</i> , 2014, 79, 581-592.	0.7	8
234	Relationship Between Dual-Energy X-Ray Absorptiometry Volumetric Assessment and X-ray Computed Tomography-Derived Single-Slice Measurement of Visceral Fat. <i>Journal of Clinical Densitometry</i> , 2014, 17, 78-83.	0.5	33
235	Quadriceps intramuscular fat fraction rather than muscle size is associated with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 226-234.	0.6	108
236	Insulin Resistance in SHR/NDmc-cp Rats Correlates with Enlarged Perivascular Adipocytes and Endothelial Cell Dysfunction in Skeletal Muscle. <i>Journal of Nutritional Science and Vitaminology</i> , 2014, 60, 52-59.	0.2	5
237	Swimming improves high-fat induced insulin resistance by regulating lipid and energy metabolism and the insulin pathway in rats. <i>International Journal of Molecular Medicine</i> , 2014, 33, 1671-1679.	1.8	14
238	CNV Analysis Associates AKNAD1 with Type-2 Diabetes in Jordan Subpopulations. <i>Scientific Reports</i> , 2015, 5, 13391.	1.6	18
239	Higher visceral fat area increases the risk of vitamin D insufficiency and deficiency in Chinese adults. <i>Nutrition and Metabolism</i> , 2015, 12, 50.	1.3	31
240	Stewing in Not-So-Good Juices: Interactions of Skeletal Muscle With Adipose Secretions. <i>Diabetes</i> , 2015, 64, 3055-3057.	0.3	15

#	ARTICLE	IF	CITATIONS
241	A Risk Score with Additional Four Independent Factors to Predict the Incidence and Recovery from Metabolic Syndrome: Development and Validation in Large Japanese Cohorts. PLoS ONE, 2015, 10, e0133884.	1.1	16
242	Smoking Is Associated with More Abdominal Fat in Morbidly Obese Patients. PLoS ONE, 2015, 10, e0126146.	1.1	9
243	Effects of changes in regional body composition on physical function in older adults: A pilot randomized controlled trial. Journal of Nutrition, Health and Aging, 2015, 19, 913-921.	1.5	33
244	Counteracting inflammation and insulin resistance with diet and exercise: A strategy for frailty prevention?. European Geriatric Medicine, 2015, 6, 220-231.	1.2	9
245	Assessment of Body Composition. , 2015, , 139-167.		0
246	PPAR $\alpha$ and MyoD are differentially regulated by myostatin in adipose-derived stem cells and muscle satellite cells. Biochemical and Biophysical Research Communications, 2015, 458, 375-380.	1.0	20
247	Skeletal muscle size is a major predictor of intramuscular fat content regardless of age. European Journal of Applied Physiology, 2015, 115, 1627-1635.	1.2	50
248	Weight Management in Older Adults. Current Obesity Reports, 2015, 4, 379-388.	3.5	69
249	Characterization of adipocytes derived from fibro/adipogenic progenitors resident in human skeletal muscle. Cell Death and Disease, 2015, 6, e1733-e1733.	2.7	94
250	Fructose-Containing Sugars and Cardiovascular Disease. Advances in Nutrition, 2015, 6, 430-439.	2.9	52
251	Effect of obesity and type 2 diabetes on protein anabolic response to insulin in elderly women. Experimental Gerontology, 2015, 69, 20-26.	1.2	11
252	Inflammation and the depot-specific secretome of human preadipocytes. Obesity, 2015, 23, 989-999.	1.5	28
253	Fat distribution and mortality: The AGES@Reykjavik study. Obesity, 2015, 23, 893-897.	1.5	80
254	Greater Skeletal Muscle Fat Infiltration Is Associated With Higher All-Cause and Cardiovascular Mortality in Older Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1133-1140.	1.7	107
255	Adipose tissue dysfunction and its effects on tumor metabolism. Hormone Molecular Biology and Clinical Investigation, 2015, 21, 17-41.	0.3	31
256	Association of general and central obesity with diabetes and prediabetes in rural Bangladeshi population. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2015, 9, 247-251.	1.8	18
258	Strong evidence of sexual dimorphic effect of adiposity excess on insulin sensitivity. Acta Diabetologica, 2015, 52, 991-998.	1.2	4
260	Associations of Fat Mass and Fat Distribution With Bone Mineral Density in Chinese Obese Population. Journal of Clinical Densitometry, 2015, 18, 44-49.	0.5	25



#	ARTICLE	IF	CITATIONS
261	The Effect of Type 2 Diabetes on Body Composition of Older Adults. <i>Clinics in Geriatric Medicine</i> , 2015, 31, 41-49.	1.0	14
262	Investigating Susceptibility to Diabetes Using Features of the Adipose Tissue in Response to UteropPolycyclic Aromatic Hydrocarbons Exposure. <i>Diabetes and Metabolism Journal</i> , 2016, 40, 494.	1.8	8
263	Computed Tomography Measurement of Hepatic Steatosis: Prevalence of Hepatic Steatosis in a Canadian Population. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2016, 2016, 1-7.	0.8	37
264	Reliability of MR-Based Volumetric 3-D Analysis of Pelvic Muscles among Subjects with Low Back with Leg Pain and Healthy Volunteers. <i>PLoS ONE</i> , 2016, 11, e0159587.	1.1	20
265	Muscle dysfunction in type 2 diabetes: a major threat to patient's mobility and independence. <i>Acta Diabetologica</i> , 2016, 53, 879-889.	1.2	125
266	Myosteatosis increases with aging and is associated with incident diabetes in African ancestry men. <i>Obesity</i> , 2016, 24, 476-482.	1.5	61
267	The association of visceral adipose tissue and subcutaneous adipose tissue with metabolic risk factors in a large population of Chinese adults. <i>Clinical Endocrinology</i> , 2016, 85, 46-53.	1.2	40
268	Associations of Brain Structure With Adiposity and Changes in Adiposity in a Middle-Aged and Older Biracial Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw239.	1.7	12
269	4-Year Trajectory of Visceral Adiposity Index in the Development of Type 2 Diabetes: A Prospective Cohort Study. <i>Annals of Nutrition and Metabolism</i> , 2016, 69, 142-149.	1.0	37
270	MyoD promotes porcine PPAR $\beta$ gene expression through an E-box and a MyoD-binding site in the PPAR $\beta$ promoter region. <i>Cell and Tissue Research</i> , 2016, 365, 381-391.	1.5	8
271	Relationship between thigh intermuscular adipose tissue accumulation and number of metabolic syndrome risk factors in middle-aged and older Japanese adults. <i>Experimental Gerontology</i> , 2016, 79, 26-30.	1.2	11
272	Association of Muscle Mass, Area, and Strength With Incident Diabetes in Older Adults: The Health ABC Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1847-1855.	1.8	87
273	Association between fat free mass and glucose homeostasis: Common knowledge revisited. <i>Ageing Research Reviews</i> , 2016, 28, 46-61.	5.0	26
274	Overall and central obesity with insulin sensitivity and secretion in a Han Chinese population: a Mendelian randomization analysis. <i>International Journal of Obesity</i> , 2016, 40, 1736-1741.	1.6	21
275	Prevention of Chronic Conditions and Cancer. , 2016, , 203-239.		0
276	The Effects of Age, Adiposity, and Physical Activity on the Risk of Seven Site-Specific Fractures in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1559-1568.	3.1	46
277	Metabolic Health Status and the Obesity Paradox in Older Adults. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2016, 35, 161-176.	0.4	27
278	Body Composition Remodeling and Mortality: The Health Aging and Body Composition Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw163.	1.7	82



#	ARTICLE	IF	CITATIONS
279	Longitudinal assessment of N-terminal pro-B-type natriuretic peptide and risk of diabetes in older adults: The cardiovascular health study. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1489-1497.	1.5	27
280	The muscle quality index and mortality among males and females. <i>Annals of Epidemiology</i> , 2016, 26, 648-653.	0.9	24
281	Intermuscular adipose tissue and thigh muscle area dynamics during an 18-month randomized weight loss trial. <i>Journal of Applied Physiology</i> , 2016, 121, 518-527.	1.2	13
282	Testosterone, Dihydrotestosterone, Sex Hormone Binding Globulin and Incident Diabetes among Older Men: the Cardiovascular Health Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2623.	1.8	27
283	Growth Hormone Receptor Antagonist Transgenic Mice Have Increased Subcutaneous Adipose Tissue Mass, Altered Glucose Homeostasis and No Change in White Adipose Tissue Cellular Senescence. <i>Gerontology</i> , 2016, 62, 163-172.	1.4	15
284	Greater skeletal muscle fat infiltration is associated with higher all-cause mortality among men of African ancestry. <i>Age and Ageing</i> , 2016, 45, 529-534.	0.7	27
285	Measures of Body Size and Composition and Risk of Incident Atrial Fibrillation in Older People. <i>American Journal of Epidemiology</i> , 2016, 183, 998-1007.	1.6	35
286	Muscle function and fat content in relation to sarcopenia, obesity and frailty of old age – An overview. <i>Experimental Gerontology</i> , 2016, 76, 25-32.	1.2	145
287	Intramuscular adipose tissue determined by T1-weighted MRI at 3 T primarily reflects extramyocellular lipids. <i>Magnetic Resonance Imaging</i> , 2016, 34, 397-403.	1.0	120
288	Quantitative Analysis of Lower Leg Adipose Tissue Distribution in Youth with Myelomeningocele. <i>Journal of Child Neurology</i> , 2016, 31, 979-984.	0.7	5
289	Abdominal Obesity and Association With Atherosclerosis Risk Factors. <i>Medicine (United States)</i> , 2016, 95, e1357.	0.4	41
290	Lower leg muscle density is independently associated with fall status in community-dwelling older adults. <i>Osteoporosis International</i> , 2016, 27, 2231-2240.	1.3	42
291	Intermuscular adipose tissue is associated with monocyte chemoattractant protein-1, independent of visceral adipose tissue. <i>Clinical Biochemistry</i> , 2016, 49, 439-443.	0.8	11
292	Weight loss is higher among patients who undergo body contouring procedures after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 1731-1736.	1.0	33
293	The association among peri-aortic root adipose tissue, metabolic derangements and burden of atherosclerosis in asymptomatic population. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 44-51.	0.7	13
294	Predictors of Whole-Body Insulin Sensitivity Across Ages and Adiposity in Adult Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 626-634.	1.8	55
295	Intramyocellular fat storage in metabolic diseases. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 26, 43-52.	0.3	24
296	Association of Lipopolysaccharide-Binding Protein With Aging-Related Adiposity Change and Prediabetes Among African Ancestry Men. <i>Diabetes Care</i> , 2016, 39, 385-391.	4.3	44

#	ARTICLE	IF	CITATIONS
297	Reduced Lower-Limb Muscle Strength and Volume in Patients With Type 2 Diabetes in Relation to Neuropathy, Intramuscular Fat, and Vitamin D Levels. <i>Diabetes Care</i> , 2016, 39, 441-447.	4.3	97
298	Dietary Protein Intake Is Protective Against Loss of Grip Strength Among Older Adults in the Framingham Offspring Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 356-361.	1.7	142
299	Abdominal fat volume estimation by stereology on CT: a comparison with manual planimetry. <i>European Radiology</i> , 2016, 26, 706-713.	2.3	6
300	Association between body weight and composition and plasma 25-hydroxyvitamin D level in the Diabetes Prevention Program. <i>European Journal of Nutrition</i> , 2017, 56, 161-170.	4.6	24
301	17 $\beta$ -Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 3-15.	1.7	91
302	Relationship between quadriceps echo intensity and functional and morphological characteristics in older men and women. <i>Archives of Gerontology and Geriatrics</i> , 2017, 70, 105-111.	1.4	81
303	Early body composition, but not body mass, is associated with future accelerated decline in muscle quality. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 490-499.	2.9	41
304	“Knowing what Matters in diabetes: Healthier below 7 $\hat{a}$ ™: results of the campaign $\hat{a}$ ™s first 10 years (part 2), participants without known diabetes history. <i>Cardiovascular Endocrinology</i> , 2017, 6, 48-54.	0.8	3
306	Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. <i>Nature Genetics</i> , 2017, 49, 125-130.	9.4	116
307	Catalase deletion promotes prediabetic phenotype in mice. <i>Free Radical Biology and Medicine</i> , 2017, 103, 48-56.	1.3	50
308	Visceral adiposity index is strongly associated with hyperuricemia independently of metabolic health and obesity phenotypes. <i>Scientific Reports</i> , 2017, 7, 8822.	1.6	49
309	Men Are from Mars, Women Are from Venus: Sex Differences in Insulin Action and Secretion. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1043, 53-64.	0.8	24
310	The Need for Standardized Assessment of Muscle Quality in Skeletal Muscle Function Deficit and Other Aging-Related Muscle Dysfunctions: A Symposium Report. <i>Frontiers in Physiology</i> , 2017, 8, 87.	1.3	151
311	Sexual Dimorphism in the Age-Induced Insulin Resistance, Liver Steatosis, and Adipose Tissue Function in Rats. <i>Frontiers in Physiology</i> , 2017, 8, 445.	1.3	30
312	Comparison of bioimpedance spectroscopy and X-Ray micro-computed tomography for total fat volume measurement in mice. <i>PLoS ONE</i> , 2017, 12, e0183523.	1.1	6
313	Do we need to diagnose normal weight metabolic obesity?. <i>Nutrition Obesity &amp; Metabolic Surgery</i> , 2017, 1, 8-11.	0.1	0
314	Heterogeneity of adipose tissue in development and metabolic function. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	147
315	Phenotypic Multiorgan Involvement of Subclinical Disease as Quantified by Magnetic Resonance Imaging in Subjects With Prediabetes, Diabetes, and Normal Glucose Tolerance. <i>Investigative Radiology</i> , 2018, 53, 357-364.	3.5	8

#	ARTICLE	IF	CITATIONS
316	The role of body composition in diverticular disease. <i>International Journal of Colorectal Disease</i> , 2018, 33, 1299-1302.	1.0	10
317	Relationship Between Changes in Fat and Lean Depots Following Weight Loss and Changes in Cardiovascular Disease Risk Markers. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	7
318	Psoas and paraspinous muscle index as a predictor of mortality in African American men with type 2 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 558-564.	1.2	16
319	Visceral fat index/percentage body fat ratio is independently associated with proximal aortic dilatation in a middle-aged and aged Chinese population in Liujiang of Guangxi. <i>Atherosclerosis</i> , 2018, 268, 19-26.	0.4	5
320	Associations of obesity and weight change with physical and mental impairments in elderly Chinese people. <i>Maturitas</i> , 2018, 108, 77-83.	1.0	8
321	Nutritional Supplementation With Physical Activity Improves Muscle Composition in Mobility-Limited Older Adults, The VIVE2 Study: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 95-101.	1.7	110
322	Doseâ€‘response effects of exercise on insulin among colon cancer survivors. <i>Endocrine-Related Cancer</i> , 2018, 25, 11-19.	1.6	27
323	Diabetes and Sarcopenia. , 2018, , 141-151.		0
324	Decrease in toe pinch force in male type 2 diabetic patients with diabetic nephropathy. <i>Clinical and Experimental Nephrology</i> , 2018, 22, 647-652.	0.7	3
325	IL-1 $\beta$ - and IL-4-polarized macrophages have opposite effects on adipogenesis of intramuscular fibro-adipogenic progenitors in humans. <i>Scientific Reports</i> , 2018, 8, 17005.	1.6	59
326	Association between echo intensity and attenuation of skeletal muscle in young and older adults: a comparison between ultrasonography and computed tomography. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1871-1878.	1.3	39
327	Abdominal and Thigh Muscle Attenuation Is Associated With Visceral Fat and Age in Children and Adolescents With Obesity. <i>Global Pediatric Health</i> , 2018, 5, 2333794X1881712.	0.3	2
328	Differential Relationship between Intermuscular Adipose Depots with Indices of Cardiometabolic Health. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-8.	0.6	9
329	The relation between mortality, intramuscular adipose tissue and sarcopenia in hospitalized geriatric patients. <i>European Geriatric Medicine</i> , 2018, 9, 801-807.	1.2	17
330	Sarcopenic obesity and insulin resistance: application of novel body composition models. <i>Proceedings of the Nutrition Society</i> , 2018, 77, .	0.4	0
331	Associations of abdominal intermuscular adipose tissue and inflammation: The Multi-Ethnic Study of Atherosclerosis. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 534-540.	0.8	16
332	The association of neck circumference with incident congestive heart failure and coronary heart disease mortality in a community-based population with or without sleep-disordered breathing. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 108.	0.7	15
333	The impact of obesity through fat depots and adipokines on bone homeostasis. <i>AME Medical Journal</i> , 0, 3, 10-10.	0.4	6

#	ARTICLE	IF	CITATIONS
334	Assessment of the degree of abdominal myosteatosis by magnetic resonance imaging in subjects with diabetes, prediabetes and healthy controls from the general population. <i>European Journal of Radiology</i> , 2018, 105, 261-268.	1.2	20
335	Modulation of the renin-angiotensin system in white adipose tissue and skeletal muscle: focus on exercise training. <i>Clinical Science</i> , 2018, 132, 1487-1507.	1.8	56
336	Effects of a High-Protein Diet Including Whole Eggs on Muscle Composition and Indices of Cardiometabolic Health and Systemic Inflammation in Older Adults with Overweight or Obesity: A Randomized Controlled Trial. <i>Nutrients</i> , 2018, 10, 946.	1.7	34
337	Less Waste on Waist Measurements: Determination of Optimal Waist Circumference Measurement Site to Predict Visceral Adipose Tissue in Postmenopausal Women with Obesity. <i>Nutrients</i> , 2018, 10, 239.	1.7	17
338	Validation of Peripheral Quantitative Computed Tomography-Derived Thigh Adipose Tissue Subcompartments in Young Girls Using a 3T MRI Scanner. <i>Journal of Clinical Densitometry</i> , 2018, 21, 583-594.	0.5	8
339	Maximum Walking Speed at Discharge Could Be a Prognostic Factor for Vascular Events in Patients With Mild Stroke: A Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 230-238.	0.5	16
340	Adipose Tissue Distribution and Cardiovascular Disease Risk Among Breast Cancer Survivors. <i>Journal of Clinical Oncology</i> , 2019, 37, 2528-2536.	0.8	56
341	Association of proinflammatory genes expression with serum interleukin 1 <sup>β</sup> and free fatty acids in metabolically healthy and unhealthy abdominally obese individuals: a case-control study. <i>BMC Immunology</i> , 2019, 20, 23.	0.9	4
342	Prevalence and determinants of type 2 diabetes among lean African migrants and non-migrants: the RODAM study. <i>Journal of Global Health</i> , 2019, 9, 020426.	1.2	20
343	The Janus Face of Cereals: Wheat-Derived Prebiotics Counteract the Detrimental Effect of Gluten on Metabolic Homeostasis in Mice Fed a High-Fat/High-Sucrose Diet. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900632.	1.5	15
344	Obesity, Bariatric Surgery, and Fractures. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4756-4768.	1.8	27
345	Waist circumference and hip circumference as potential predictors of visceral fat estimate among type 2 diabetic patients at the Komfo Anokye Teaching Hospital (KATH), Kumasi-Ghana. <i>Alexandria Journal of Medicine</i> , 2019, 55, 49-56.	0.4	4
346	Mechanisms of vitamin D action in skeletal muscle. <i>Nutrition Research Reviews</i> , 2019, 32, 192-204.	2.1	64
347	Body fat distribution on computed tomography imaging and prostate cancer risk and mortality in the AGES-Reykjavik study. <i>Cancer</i> , 2019, 125, 2877-2885.	2.0	37
348	Body Composition and Cardiovascular Events in Patients With Colorectal Cancer. <i>JAMA Oncology</i> , 2019, 5, 967.	3.4	31
349	Obesity, Physical Function, and Training Success in Community-Dwelling Nonsarcopenic Old Adults. <i>Journal of Aging Research</i> , 2019, 2019, 1-10.	0.4	4
350	Potential Cellular and Biochemical Mechanisms of Exercise and Physical Activity on the Ageing Process. <i>Sub-Cellular Biochemistry</i> , 2019, 91, 311-338.	1.0	9
351	Impact of obesity and physical inactivity on the long-term change in grip strength among middle-aged and older European adults. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 619-624.	2.0	8

#	ARTICLE	IF	CITATIONS
352	STRONG-D: Strength training regimen for normal weight diabetics: Rationale and design. <i>Contemporary Clinical Trials</i> , 2019, 78, 101-106.	0.8	4
353	Plasma fibroblast growth factor 21 levels increase with ectopic fat accumulation and its receptor levels are decreased in the visceral fat of patients with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000776.	1.2	22
354	Semiautomatic software for measurement of abdominal muscle and adipose areas using computed tomography. <i>Medicine (United States)</i> , 2019, 98, e15867.	0.4	24
355	pOCT- and Ultrasound-based Muscle and Fat Estimate Errors after Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1022-1031.	0.2	10
356	Intermuscular adipose tissue directly modulates skeletal muscle insulin sensitivity in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E866-E879.	1.8	97
357	Is waist circumference more strongly associated with metabolic risk factors than waist-to-height ratio in Asians?. <i>Nutrition</i> , 2019, 60, 30-34.	1.1	11
358	3D Shape-Based Body Composition Inference Model Using a Bayesian Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 205-213.	3.9	8
359	Transition to a More even Distribution of Daily Protein Intake is Associated with Enhanced Fat Loss during a Hypocaloric & Physical Activity Intervention in Obese Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 210-217.	1.5	9
360	Associations of Thigh and Abdominal Adipose Tissue Radiodensity with Glucose and Insulin in Nondiabetic African-ancestry Men. <i>Obesity</i> , 2020, 28, 404-411.	1.5	6
361	Voxel-wise Study of Cohort Associations in Whole-Body MRI: Application in Metabolic Syndrome and Its Components. <i>Radiology</i> , 2020, 294, 559-567.	3.6	17
362	Impaired Muscle Performance in Older Adults. , 2020, , 365-378.		0
363	Factors influencing thigh muscle volume change with cycling exercises in acute spinal cord injury – a secondary analysis of a randomized controlled trial. <i>Journal of Spinal Cord Medicine</i> , 2022, 45, 510-521.	0.7	5
364	Metabolic Health Status Contributes to Transcriptome Alternation in Human Visceral Adipose Tissue During Obesity. <i>Obesity</i> , 2020, 28, 2153-2162.	1.5	10
365	Semi-Supervised Deep Learning for Multi-Tissue Segmentation from Multi-Contrast MRI. <i>Journal of Signal Processing Systems</i> , 2022, 94, 497-510.	1.4	9
366	Daily step count and incident diabetes in community-dwelling 70-year-olds: a prospective cohort study. <i>BMC Public Health</i> , 2020, 20, 1830.	1.2	28
367	Reduced Skeletal Muscle Volume and Increased Skeletal Muscle Fat Deposition Characterize Diabetes in Individuals after Pancreatitis: A Magnetic Resonance Imaging Study. <i>Diseases (Basel, Switzerland)</i> , 2020, 8, 25.	1.0	9
368	Epidemiological Study on the Dose-Effect Association between Physical Activity Volume and Body Composition of the Elderly in China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6365.	1.2	3
369	Change in abdominal, but not femoral subcutaneous fat CT-radiodensity is associated with improved metabolic profile after bariatric surgery. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2363-2371.	1.1	7

#	ARTICLE	IF	CITATIONS
370	Protein, lysine and vitamin D: critical role in muscle and bone health. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2548-2559.	5.4	17
371	&lt;p&gt;Age-Related Changes in Body Composition and Bone Mineral Density and Their Relationship with the Duration of Diabetes and Glycaemic Control in Type 2 Diabetes&lt;/p&gt;. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 4699-4710.	1.1	4
372	Molecular basis of ageing in chronic metabolic diseases. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 1373-1389.	1.8	50
373	Infiltration of intramuscular adipose tissue impairs skeletal muscle contraction. <i>Journal of Physiology</i> , 2020, 598, 2669-2683.	1.3	90
374	Effect of lean red meat combined with a multicomponent exercise program on muscle and cognitive function in older adults: a 6-month randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 113-128.	2.2	21
375	Neck circumference is associated with adipose tissue content in thigh skeletal muscle in overweight and obese premenopausal women. <i>Scientific Reports</i> , 2020, 10, 8324.	1.6	8
376	Arsenic Stimulates Myoblast Mitochondrial Epidermal Growth Factor Receptor to Impair Myogenesis. <i>Toxicological Sciences</i> , 2020, 176, 162-174.	1.4	7
377	Effect of muscle depletion on survival in peripheral arterial occlusive disease: Quality over quantity. <i>Journal of Vascular Surgery</i> , 2020, 72, 2006-2016.e1.	0.6	9
378	Quadriceps echo intensity can be an index of muscle size regardless of age in 65 or more years old. <i>Experimental Gerontology</i> , 2020, 138, 111015.	1.2	15
379	Factors Associated with Poor Glycemic and Lipid Levels in Ambulatory Diabetes Mellitus Type 2 Patients in Asmara, Eritrea: A Cross-Sectional Study. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-12.	1.0	13
380	Sarcopenic obesity and insulin resistance: Application of novel body composition models. <i>Nutrition</i> , 2020, 75-76, 110765.	1.1	13
381	Is visceral abdominal fat area a better indicator for hyperglycemic risk? Results from the Pinggu Metabolic Disease Study. <i>Journal of Diabetes Investigation</i> , 2020, 11, 888-895.	1.1	6
382	Age-related changes in muscle volume and intramuscular fat content in quadriceps femoris and hamstrings. <i>Experimental Gerontology</i> , 2020, 132, 110834.	1.2	19
383	Opinion of community-dwelling elderly obese about the barriers and facilitators to engage physical exercise. <i>Sport Sciences for Health</i> , 2020, 16, 411-418.	0.4	1
384	Associations of Obesity With Lipoprotein Subfractions in Japanese American, African American, and Korean Men. <i>Global Heart</i> , 2020, 8, 273.	0.9	3
385	Beyond Asian-Specific Cutoffs: Gender Effects on the Predictability of Body Mass Index, Waist Circumference, and Waist Circumference to Height Ratio on Hemoglobin A1c. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021, 8, 415-421.	1.8	1
386	Associations of <sc>DXA</sc>â€measured abdominal adiposity with cardioâ€metabolic risk and related markers in early adolescence in Project Viva. <i>Pediatric Obesity</i> , 2021, 16, e12704.	1.4	11
387	Myosteatosis in nonalcoholic fatty liver disease: An exploratory study. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 45, 101500.	0.7	9



#	ARTICLE	IF	CITATIONS
388	New Therapeutic Approaches and Biomarkers for Increased Healthspan. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1286, 1-13.	0.8	0
390	Vitamin D Restores Skeletal Muscle Cell Remodeling and Myogenic Program: Potential Impact on Human Health. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1760.	1.8	8
391	Body Composition Changes with Long-term Pegvisomant Therapy of Acromegaly. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab004.	0.1	16
392	Body Composition Methods in Adults with Type 2 Diabetes or at Risk for T2D: a Clinical Review. <i>Current Diabetes Reports</i> , 2021, 21, 14.	1.7	12
393	Mineralocorticoid Receptor in Myeloid Cells Mediates Angiotensin II-Induced Vascular Dysfunction in Female Mice. <i>Frontiers in Physiology</i> , 2021, 12, 588358.	1.3	4
394	Age- and Sex-Related Differential Associations between Body Composition and Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 183-194.	1.8	5
395	Longitudinal associations of fruit juice intake in infancy with DXA-measured abdominal adiposity in mid-childhood and early adolescence. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 117-123.	2.2	12
396	Type 2 diabetes preventive effects with a 12-months sardine-enriched diet in elderly population with prediabetes: An interventional, randomized and controlled trial. <i>Clinical Nutrition</i> , 2021, 40, 2587-2598.	2.3	10
397	Relative associations of abdominal and thigh compositions with cardiometabolic diseases in African Caribbean men. <i>Obesity Science and Practice</i> , 2021, 7, 738-750.	1.0	1
398	Flexor hallucis longus augmentation for Achilles tendon " is pre-operative evaluation of flexor hallucis longus by MRI required?. <i>Indian Journal of Medical Sciences</i> , 0, 73, 197-202.	0.1	0
399	Sarcopenia and Appendicular Muscle Mass as Predictors of Impaired Fasting Glucose/Type 2 Diabetes in Elderly Women. <i>Nutrients</i> , 2021, 13, 1909.	1.7	19
400	Age-related changes in muscle quality and development of diagnostic cutoff points for myosteatosis in lumbar skeletal muscles measured by CT scan. <i>Clinical Nutrition</i> , 2021, 40, 4022-4028.	2.3	29
401	Automatic and unbiased segmentation and quantification of myofibers in skeletal muscle. <i>Scientific Reports</i> , 2021, 11, 11793.	1.6	55
402	Exercise Training to Decrease Ectopic Intermuscular Adipose Tissue in Individuals With Chronic Diseases: A Systematic Review and Meta-Analysis. <i>Physical Therapy</i> , 2021, 101, .	1.1	10
403	Adipose tissue biomarkers and type 2 diabetes incidence in normoglycemic participants in the MESA Arthritis Ancillary Study: A cohort study. <i>PLoS Medicine</i> , 2021, 18, e1003700.	3.9	2
404	Computed Tomography-Derived Myosteatosis and Metabolic Disorders. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 482-491.	1.8	44
405	Longitudinal Changes in Adiposity and Lower Urinary Tract Symptoms Among Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2102-2109.	1.7	1
406	Association of abdominal muscle area and density with glucose regulation: The multiethnic study of atherosclerosis (MESA). <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, e3488.	1.7	2

#	ARTICLE	IF	CITATIONS
407	Muscle Thickness and Echo Intensity by Ultrasonography and Cognitive and Physical Dimensions in Older Adults. <i>Diagnostics</i> , 2021, 11, 1471.	1.3	7
408	The association between body composition, leptin levels and glucose dysregulation in youth with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 796-802.	0.3	9
409	Associations between skeletal muscle echo intensity and thickness in relation to glucose homeostasis in healthy and glucose impaired older males. <i>Experimental Gerontology</i> , 2021, 154, 111547.	1.2	4
410	A high lean body mass is not protecting from type 2 diabetes in the presence of a high body fat mass. <i>Diabetes and Metabolism</i> , 2021, 47, 101219.	1.4	12
412	Automatic Segmentation and Quantification of Thigh Tissues in CT Images. <i>Lecture Notes in Computer Science</i> , 2018, , 261-276.	1.0	4
413	Skeletal muscle fat infiltration: Impact of age, inactivity, and exercise. <i>Journal of Nutrition, Health and Aging</i> , 0, , .	1.5	2
414	The Relationship Between Anthropometric Indexes of Adiposity and Vascular Function in the FATE Cohort. <i>Obesity</i> , 0, , .	1.5	3
415	Measurements of Adiposity and Body Composition. , 2008, , 53-83.		66
416	Estimation of CT-Derived Abdominal Visceral and Subcutaneous Adipose Tissue Depots from Anthropometry in Europeans, South Asians and African Caribbeans. <i>PLoS ONE</i> , 2013, 8, e75085.	1.1	32
417	Age-Related Different Relationships between Ectopic Adipose Tissues and Measures of Central Obesity in Sedentary Subjects. <i>PLoS ONE</i> , 2014, 9, e103381.	1.1	22
418	Associations between Ultrasound Measures of Abdominal Fat Distribution and Indices of Glucose Metabolism in a Population at High Risk of Type 2 Diabetes: The ADDITION-PRO Study. <i>PLoS ONE</i> , 2015, 10, e0123062.	1.1	35
419	Depot-Specific Changes in Fat Metabolism with Aging in a Type 2 Diabetic Animal Model. <i>PLoS ONE</i> , 2016, 11, e0148141.	1.1	11
420	Association of a New Measure of Obesity with Hypertension and Health-Related Quality of Life. <i>PLoS ONE</i> , 2016, 11, e0155399.	1.1	27
421	Optimal therapy of type 2 diabetes: a controversial challenge. <i>Aging</i> , 2014, 6, 187-206.	1.4	41
422	Postprandial triglyceride-rich lipoproteins-induced premature senescence of adipose-derived mesenchymal stem cells via the SIRT1/p53/Ac-p53/p21 axis through oxidative mechanism. <i>Aging</i> , 2020, 12, 26080-26094.	1.4	16
423	Plasma visfatin/nicotinamide phosphoribosyltransferase (visfatin/NAMPT) concentration in elderly subjects with metabolic syndrome. <i>Polish Archives of Internal Medicine</i> , 2015, 125, 402-413.	0.3	5
424	Intraperitoneal Adipose Tissue: Associated Health Risks, Quantification by Advanced Imaging Methods and Future Directions in Children. <i>The Open Obesity Journal</i> , 2011, 3, 34-41.	0.1	3
425	Methods for Body Composition Analysis in Adults. <i>The Open Obesity Journal</i> , 2011, 3, 62-69.	0.1	23



#	ARTICLE	IF	CITATIONS
426	The Correlation between Central Obesity and Glucose, Lipid Metabolism and Macrovascular Complication in Elderly Type 2 Diabetes. The Journal of Korean Diabetes Association, 2007, 31, 343.	0.1	2
427	Correlation of abdominal adiposity with components of metabolic syndrome, anthropometric parameters and Insulin resistance, in obese and non obese, diabetics and non diabetics: A cross sectional observational study. (Mysore Visceral Adiposity in Diabetes Study). Indian Journal of Endocrinology and Metabolism, 2014, 18, 676.	0.2	21
428	Occurrence of diabetes mellitus in obese nondiabetic patients, with correlative analysis of visceral fat, fasting insulin, and insulin resistance: A 3-year follow-up study (mysore visceral adiposity in) Tj ETQq0 0 0 rgBT /Overlock 40 Tf 50 65	0.2	0
429	Gait speed may predict development of Type 2 diabetes: A pilot study among elderly Japanese. Journal of Diabetes Mellitus, 2014, 04, 38-43.	0.1	2
430	Relationship between physical activity time and intramuscular adipose tissue content of the thigh muscle groups of younger and older men. Scientific Reports, 2021, 11, 19804.	1.6	6
431	Weight Loss and Associated Diseases. , 2004, , 206-228.		0
432	Weight Loss and Associated Diseases. , 2004, , 173-193.		0
433	Influence of Ethnicity on Obesity-Related Factors in Children and Adolescents. , 2005, , 35-51.		1
434	Exercise and Insulin Resistance. Nutrition and Disease Prevention, 2005, , 131-155.	0.1	0
435	Health, Functional, and Therapeutic Implications of Obesity in Aging. , 2006, , 829-839.		2
436	The Metabolic Syndrome: 2009. , 2011, , 137-163.		0
437	Impaired muscle performance. , 2012, , 263-271.		3
438	Sugars and Cardiovascular Disease. , 2014, , 341-356.		0
440	Prevalence of risk factors of chronic diseases in Senegalese retired men. International Journal of Medicine and Medical Sciences, 2014, 6, 108-112.	0.3	0
441	Metabolic Syndrome, Obesity Paradox and Testosterone Level. Endocrinology & Metabolic Syndrome: Current Research, 2015, 04, .	0.3	2
442	The association of abdominal obesity, obesity and parathyroid hormone in Korean adults (agedâ%¥50) Tj ETQq1 1 0.784314 rgBT /O Cooperation Society, 2015, 16, 3882-3888.	0.0	3
443	Assessment of the relationship between intraabdominal fat thickness and the aortomesenteric angle and distance using computed tomography. Cumhuriyet Medical Journal, 2017, 39, 675-682.	0.1	0
444	The effects of an acute exercise bout on GH and IGF-1 in prediabetic and healthy African Americans: A pilot study investigating gene expression. PLoS ONE, 2018, 13, e0191331.	1.1	5

#	ARTICLE	IF	CITATIONS
445	Impact of Body Composition, Measured by Computed Tomography Scan, on Acute Pancreatitis Course. Proceedings of the Latvian Academy of Sciences, 2018, 72, 43-48.	0.0	0
446	The criteria of the identification of metabolic obesity among people with normal body weight and their use in everyday practice. Journal of Medical Science, 2018, 87, 34-39.	0.2	0
447	Development of a New Index of Body Shape to Detect Ischemic Electrocardiogram Abnormalities. The Japanese Journal of Nutrition and Dietetics, 2019, 77, 39-45.	0.1	0
448	Skeletal Muscle Composition and Glucose Levels in Children Who Are Overweight and Obese. Pediatric Exercise Science, 2020, 32, 157-164.	0.5	0
449	The Metabolic Significance of Intermuscular Adipose Tissue: Is IMAT a Friend or a Foe to Metabolic Health?. Diabetes, 2021, 70, 2457-2467.	0.3	15
450	Comparison of muscle quality and functional capacity between Japanese and Brazilian older individuals. PLoS ONE, 2020, 15, e0243589.	1.1	7
451	Development and validation of an equation to estimate body fat in elderly women. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 22, .	0.5	2
452	Cultural factors and patients' adherence to lifestyle measures. British Journal of General Practice, 2007, 57, 291-5.	0.7	88
453	The combined relations of adiposity and smoking on mortality. American Journal of Clinical Nutrition, 2008, 88, 1206-12.	2.2	56
454	Use of anthropometry for the prediction of regional body tissue distribution in adults: benefits and limitations in clinical practice. , 2014, 5, 373-93.		11
455	Muscle density predicts changes in bone density and strength: a prospective study in girls. Journal of Musculoskeletal Neuronal Interactions, 2014, 14, 195-204.	0.1	8
456	Calf muscle density is independently associated with physical function in overweight and obese older adults. Journal of Musculoskeletal Neuronal Interactions, 2018, 18, 9-17.	0.1	10
457	Association between type 2 diabetes and skeletal muscle quality assessed by abdominal computed tomography scan. Diabetes/Metabolism Research and Reviews, 2022, 38, e3513.	1.7	8
458	Body Composition and Metabolomics in the Alberta Physical Activity and Breast Cancer Prevention Trial. Journal of Nutrition, 2022, 152, 419-428.	1.3	8
459	Relationship between physical activity and physical fitness, skeletal muscle mass and muscle quality in junior high school students. Japanese Journal of Physical Fitness and Sports Medicine, 2021, 70, 383-394.	0.0	0
460	Interaction of sex and HIV infection on renal impairment: baseline evidence from the CHART cohort. International Journal of Infectious Diseases, 2022, 116, 182-188.	1.5	1
462	Body Composition and Incident Heart Failure in Older Adults: Results From 2 Prospective Cohorts. Journal of the American Heart Association, 2022, 11, e023707.	1.6	5
464	Stronger Associations of Body Mass Index and Waist Circumference with Diabetes than Waist-Height Ratio and Triglyceride Glucose Index in the Middle-Aged and Elderly Population: A Retrospective Cohort Study. Journal of Diabetes Research, 2022, 2022, 1-10.	1.0	4

#	ARTICLE	IF	CITATIONS
466	Overweight, Obesity, and CVD Risk: a Focus on Visceral/Ectopic Fat. <i>Current Atherosclerosis Reports</i> , 2022, 24, 185-195.	2.0	22
467	Gender Differences in the Context of Obstructive Sleep Apnea and Metabolic Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 792633.	1.3	19
468	The Association between Chronic Hemodialysis and Toe Pinch Force in Japanese Patients: Cross-Sectional Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 1745.	1.0	1
469	Quality Matters as Much as Quantity of Skeletal Muscle: Clinical Implications of Myosteatosis in Cardiometabolic Health. <i>Endocrinology and Metabolism</i> , 2021, 36, 1161-1174.	1.3	29
475	Intermuscular adipose tissue in Type 2 diabetes mellitus: Non-invasive quantitative imaging and clinical implications. <i>Diabetes Research and Clinical Practice</i> , 2022, 187, 109881.	1.1	11
476	New insight into dyslipidemia-induced cellular senescence in atherosclerosis. <i>Biological Reviews</i> , 2022, 97, 1844-1867.	4.7	27
477	Skeletal muscle and abdominal circumference explain intramuscular fat, independent of exercise frequency, in middle-aged Japanese men. <i>PLoS ONE</i> , 2022, 17, e0267557.	1.1	1
478	A Guide to Examining Intramuscular Fat Formation and its Cellular Origin in Skeletal Muscle. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	1
481	Influence of local aortic calcification on periaortic adipose tissue radiomics texture features—a primary analysis on PCCT. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2459-2467.	0.2	7
482	Mediation effects of diabetes and inflammation on the relationship of obesity to cognitive impairment in African Americans. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 3021-3029.	1.3	3
483	Abdominal Visceral Adipose Tissue and All-Cause Mortality: A Systematic Review. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	13
484	Quantifying the inflammatory secretome of human intermuscular adipose tissue. <i>Physiological Reports</i> , 2022, 10, .	0.7	7
486	New Biomarkers to Predict Cardiovascular Risk in Patients with Adrenal Incidentaloma; Irisin and Nesfatin-1. <i>Acta Endocrinologica</i> , 2022, 18, 150-155.	0.1	0
487	Relationship between Echo Intensity of Vastus Lateralis and Knee Extension Strength in Patients with Type 2 Diabetes Mellitus. <i>Physical Therapy Research</i> , 2022, 25, 113-119.	0.3	1
488	The acromegaly lipodystrophy. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	5
489	Differences of Regional Fat Distribution Measured by Magnetic Resonance Imaging According to Obese Phenotype in Koreans. <i>Metabolic Syndrome and Related Disorders</i> , 2022, 20, 551-557.	0.5	1
490	Visceral fat loss by whole-body electromyostimulation is attenuated in male and absent in female older Non-insulin-dependent diabetes patients. <i>Endocrinology, Diabetes and Metabolism</i> , 2022, 5, .	1.0	2
491	Evaluation of risk factors and diseases associated with metabolic and atherosclerotic disorders in different abdominal fat distribution patterns assessed by CT-scan. <i>Folia Medica</i> , 2022, 64, 754-761.	0.2	0

#	ARTICLE	IF	CITATIONS
494	Intermuscular adipose tissue in patients with systemic lupus erythematosus. <i>Lupus Science and Medicine</i> , 2022, 9, e000756.	1.1	4
495	Intermuscular adipose tissue in metabolic disease. <i>Nature Reviews Endocrinology</i> , 2023, 19, 285-298.	4.3	28
496	Modeling the effects of genetic- and diet-induced obesity on melanoma progression in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2023, 16, .	1.2	4
497	Interactive effects of intrinsic capacity and obesity on the KDIGO chronic kidney disease risk classification in older patients with type 2 diabetes mellitus. <i>Diabetology and Metabolic Syndrome</i> , 2023, 15, .	1.2	7
498	Vitamin D Deficiency in Both Oral and Systemic Manifestations in SARS-CoV-2 Infection: Updated Review. <i>Medicina (Lithuania)</i> , 2023, 59, 68.	0.8	1
499	Skeletal muscle fat. , 2023, , 149-167.		0
500	Triglycerideâ€“Glucose Index as a Potential Indicator of Sarcopenic Obesity in Older People. <i>Nutrients</i> , 2023, 15, 555.	1.7	7
501	Association between Skeletal Muscle Mass-to-Visceral Fat Ratio and Dietary and Cardiometabolic Health Risk Factors among Korean Women with Obesity. <i>Nutrients</i> , 2023, 15, 1574.	1.7	3
507	Aging adipose tissue, insulin resistance, and type 2 diabetes. <i>Biogerontology</i> , 0, , .	2.0	1