

Adipose tissue heterogeneity: Implication of depot differentiation complications

Molecular Aspects of Medicine

34, 1-11

DOI: [10.1016/j.mam.2012.10.001](https://doi.org/10.1016/j.mam.2012.10.001)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Adipocytokines in relation to cardiovascular disease. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1513-1521. | 1.5 | 177 |
| 3 | Multiple Adipose Depots Increase Cardiovascular Risk via Local and Systemic Effects. <i>Current Atherosclerosis Reports</i> , 2013, 15, 361. | 2.0 | 42 |
| 4 | Ten Years' Evaluation of Diet, Anthropometry, and Physical Exercise Adherence After Islet Allotransplantation. <i>Transplantation Proceedings</i> , 2013, 45, 2025-2028. | 0.3 | 7 |
| 5 | Predictors of parental perceptions and concerns about child weight. <i>Appetite</i> , 2013, 62, 96-102. | 1.8 | 21 |
| 6 | The GH/IGF-1 axis in obesity: pathophysiology and therapeutic considerations. <i>Nature Reviews Endocrinology</i> , 2013, 9, 346-356. | 4.3 | 183 |
| 7 | Organ failure in the obese adipocytes prime polymorphonuclear cell inflammation under stress conditions. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, 1047-1052. | 1.1 | 3 |
| 8 | The effect of proatherogenic pathogens on adipose tissue transcriptome and fatty acid distribution in apolipoprotein E-deficient mice. <i>BMC Genomics</i> , 2013, 14, 709. | 1.2 | 8 |
| 9 | SERPINE1, PAI-1 protein coding gene, methylation levels and epigenetic relationships with adiposity changes in obese subjects with metabolic syndrome features under dietary restriction. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 53, 139-144. | 0.6 | 35 |
| 10 | Topographical Body Fat Distribution Links to Amino Acid and Lipid Metabolism in Healthy Non-Obese Women. <i>PLoS ONE</i> , 2013, 8, e73445. | 1.1 | 34 |
| 11 | Intra-Abdominal Fat Depots Represent Distinct Immunomodulatory Microenvironments: A Murine Model. <i>PLoS ONE</i> , 2013, 8, e66477. | 1.1 | 39 |
| 12 | Effects of Eicosapentaenoic Acid Treatment on Epicardial and Abdominal Visceral Adipose Tissue Volumes in Patients with Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 1031-1043. | 0.9 | 15 |
| 13 | Association of Pulmonary Function with Adiposity and Metabolic Abnormalities in Urban Minority Adolescents. <i>Annals of the American Thoracic Society</i> , 2014, 11, 744-752. | 1.5 | 44 |
| 14 | The Effect of Exercise on Obesity, Body Fat Distribution and Risk for Type 2 Diabetes. <i>Medicine and Sport Science</i> , 2014, 60, 82-93. | 1.4 | 53 |
| 15 | EGF-induced adipose tissue mesothelial cells undergo functional vascular smooth muscle differentiation. <i>Cell Death and Disease</i> , 2014, 5, e1304-e1304. | 2.7 | 18 |
| 16 | Changes in Fat Distribution in Children Following Severe Burn Injury. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 523-526. | 0.5 | 12 |
| 17 | Adipocytes in Normal Tissue Biology. , 2014, , 2003-2013. | | 4 |
| 18 | Adipose Tissue and Adrenal Glands: Novel Pathophysiological Mechanisms and Clinical Applications. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-8. | 0.6 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Differential methylation in visceral adipose tissue of obese men discordant for metabolic disturbances. <i>Physiological Genomics</i> , 2014, 46, 216-222. | 1.0 | 43 |
| 20 | Basal insulin combined incretin mimetic therapy with glucagon-like protein 1 receptor agonists as an upcoming option in the treatment of type 2 diabetes: a practical guide to decision making. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2014, 5, 95-123. | 1.4 | 13 |
| 21 | Fat cell size and adipokine expression in relation to gender, depot, and metabolic risk factors in morbidly obese adolescents. <i>Obesity</i> , 2014, 22, 691-697. | 1.5 | 48 |
| 22 | Regional adipose tissue hormone/cytokine production before and after weight loss in abdominally obese women. <i>Obesity</i> , 2014, 22, 1679-1684. | 1.5 | 13 |
| 23 | Central obesity as a clinical marker of adiposopathy; increased visceral adiposity as a surrogate marker for global fat dysfunction. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2014, 21, 345-351. | 1.2 | 113 |
| 24 | Low abdominal subcutaneous preadipocyte adipogenesis is associated with visceral obesity, visceral adipocyte hypertrophy, and a dysmetabolic state. <i>Adipocyte</i> , 2014, 3, 197-205. | 1.3 | 64 |
| 25 | Additive effects of isoflavones and exercise training on inflammatory cytokines and body composition in overweight and obese postmenopausal women. <i>Menopause</i> , 2014, 21, 869-875. | 0.8 | 32 |
| 26 | Systemic effects of acute cigarette smoke exposure in mice. <i>Inhalation Toxicology</i> , 2014, 26, 464-473. | 0.8 | 20 |
| 27 | The PARP1/ARTD1-Mediated Poly-ADP-Ribosylation and DNA Damage Repair in B Cell Diversification. <i>Antibodies</i> , 2014, 3, 37-55. | 1.2 | 2 |
| 28 | Adipose-Tissue and Intestinal Inflammation – Visceral Obesity and Creeping Fat. <i>Frontiers in Immunology</i> , 2014, 5, 462. | 2.2 | 110 |
| 29 | The pathophysiology of abdominal adipose tissue depots in health and disease. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 19, 57-74. | 0.3 | 65 |
| 30 | Adipocyte lineages: Tracing back the origins of fat. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 340-351. | 1.8 | 194 |
| 31 | Adipose tissue remodeling in rats exhibiting fructose-induced obesity. <i>European Journal of Nutrition</i> , 2014, 53, 413-419. | 1.8 | 46 |
| 32 | PPAR β and the global map of adipogenesis and beyond. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 293-302. | 3.1 | 469 |
| 33 | Adipocyte-Specific Transgenic and Knockout Models. <i>Methods in Enzymology</i> , 2014, 537, 1-16. | 0.4 | 33 |
| 34 | Evaluation of growth hormone (GH) action in mice: Discovery of GH receptor antagonists and clinical indications. <i>Molecular and Cellular Endocrinology</i> , 2014, 386, 34-45. | 1.6 | 67 |
| 35 | Down-regulation of Zac1 gene expression in rat white adipose tissue by androgens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 140, 63-70. | 1.2 | 5 |
| 36 | What We Talk About When We Talk About Fat. <i>Cell</i> , 2014, 156, 20-44. | 13.5 | 1,789 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Hypothalamic control of adipose tissue. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 685-701. | 2.2 | 23 |
| 38 | Metabolic Health Reduces Risk of Obesity-Related Cancer in Framingham Study Adults. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2057-2065. | 1.1 | 86 |
| 39 | Intermittent fasting vs daily calorie restriction for type 2 diabetes prevention: a review of human findings. Translational Research, 2014, 164, 302-311. | 2.2 | 213 |
| 40 | Obesity modifies expression profiles of metabolic markers in superficial and deep subcutaneous abdominal adipose tissue depots. Endocrine, 2014, 46, 99-106. | 1.1 | 24 |
| 41 | Rice bran enzymatic extractâ€“supplemented diets modulate adipose tissue inflammation markers in Zucker rats. Nutrition, 2014, 30, 466-472. | 1.1 | 47 |
| 42 | Regulation of human subcutaneous adipose tissue blood flow. International Journal of Obesity, 2014, 38, 1019-1026. | 1.6 | 99 |
| 43 | Linking maternal obesity to early insulin resistance. Molecular Metabolism, 2014, 3, 219-220. | 3.0 | 1 |
| 44 | Deconstructing the roles of glucocorticoids in adipose tissue biology and the development of central obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 473-481. | 1.8 | 265 |
| 45 | Phytochemicals and Immune Function. , 2014, , 79-96. | | 0 |
| 46 | Auxological perspectives on â€“growthâ€™ in DOHaD. Journal of Developmental Origins of Health and Disease, 2015, 6, 390-398. | 0.7 | 4 |
| 47 | CILAIR-Based Secretome Analysis of Obese Visceral and Subcutaneous Adipose Tissues Reveals Distinctive ECM Remodeling and Inflammation Mediators. Scientific Reports, 2015, 5, 12214. | 1.6 | 48 |
| 48 | Are overall adiposity and abdominal adiposity separate or redundant determinants of blood viscosity?. Clinical Hemorheology and Microcirculation, 2015, 61, 31-38. | 0.9 | 4 |
| 50 | Update on the role of maternal diet in pregnancy and the programming of infant body composition. Nutrition Bulletin, 2015, 40, 286-290. | 0.8 | 8 |
| 51 | Shaping fat distribution: New insights into the molecular determinants of depot- and sex-dependent adipose biology. Obesity, 2015, 23, 1345-1352. | 1.5 | 110 |
| 52 | Genetic polymorphism at Val80 (rs700518) of the CYP19A1 gene is associated with body composition changes in women on aromatase inhibitors for ER (+) breast cancer. Pharmacogenetics and Genomics, 2015, 25, 377-381. | 0.7 | 18 |
| 53 | Indices of Central and Peripheral Obesity; Anthropometric Measurements and Laboratory Parameters of Metabolic Syndrome and Thyroid Function. Balkan Medical Journal, 2015, 32, 414-420. | 0.3 | 11 |
| 54 | The Different Effects of BMI and WC on Organ Damage in Patients from a Cardiac Rehabilitation Program after Acute Coronary Syndrome. BioMed Research International, 2015, 2015, 1-13. | 0.9 | 13 |
| 55 | Adipocyte iron regulates leptin and food intake. Journal of Clinical Investigation, 2015, 125, 3681-3691. | 3.9 | 92 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 56 | Metabolic fate of fructose in human adipocytes: a targeted ¹³ C tracer fate association study. <i>Metabolomics</i> , 2015, 11, 529-544. | 1.4 | 26 |
| 57 | White Adipose Tissue Depot-Specific Activity of Lipogenic Enzymes in Response to Fasting and Refeeding in Young and Old Rats. <i>Gerontology</i> , 2015, 61, 448-455. | 1.4 | 7 |
| 58 | Three-Dimensional Adipocyte Culture: The Next Frontier for Adipocyte Biology Discovery. <i>Endocrinology</i> , 2015, 156, 4375-4376. | 1.4 | 6 |
| 59 | Covariation of change in bioavailable testosterone and adiposity in midlife women. <i>Obesity</i> , 2015, 23, 488-494. | 1.5 | 40 |
| 60 | Cell-Autonomous Heterogeneity of Nutrient Uptake in White Adipose Tissue of Rhesus Macaques. <i>Endocrinology</i> , 2015, 156, 80-89. | 1.4 | 17 |
| 61 | Adipose Tissue and Fat Cell Biology. , 2015, , 201-224. | | 1 |
| 62 | The role for adipose tissue in weight regain after weight loss. <i>Obesity Reviews</i> , 2015, 16, 45-54. | 3.1 | 153 |
| 63 | Obesity and Cancer: Local and Systemic Mechanisms. <i>Annual Review of Medicine</i> , 2015, 66, 297-309. | 5.0 | 217 |
| 64 | Carotenoids and their conversion products in the control of adipocyte function, adiposity and obesity. <i>Archives of Biochemistry and Biophysics</i> , 2015, 572, 112-125. | 1.4 | 170 |
| 65 | The influence of obesity on blood mercury levels for U.S. non-pregnant adults and children: NHANES 2007-2010. <i>Environmental Research</i> , 2015, 138, 173-180. | 3.7 | 45 |
| 66 | Visceral adiposopathy: a vascular perspective. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015, 21, 125-136. | 0.3 | 34 |
| 67 | Should menopausal characteristics be considered during cardiorespiratory exercise prescription in postmenopausal women?. <i>Climacteric</i> , 2015, 18, 278-283. | 1.1 | 0 |
| 68 | The limited storage capacity of gonadal adipose tissue directs the development of metabolic disorders in male C57Bl/6J mice. <i>Diabetologia</i> , 2015, 58, 1601-1609. | 2.9 | 66 |
| 69 | Adipose Clocks. <i>Journal of Biological Rhythms</i> , 2015, 30, 364-373. | 1.4 | 20 |
| 70 | SGLT-2 inhibitors and cardiovascular risk: Proposed pathways and review of ongoing outcome trials. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 90-100. | 0.9 | 333 |
| 71 | The Interplay Between Sex, Ethnicity, and Adipose Tissue Characteristics. <i>Current Obesity Reports</i> , 2015, 4, 269-278. | 3.5 | 14 |
| 72 | Visceral Adipose Tissue Mesothelial Cells: Living on the Edge or Just Taking Up Space?. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 515-523. | 3.1 | 25 |
| 73 | Dermal white adipose tissue: a new component of the thermogenic response. <i>Journal of Lipid Research</i> , 2015, 56, 2061-2069. | 2.0 | 104 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 74 | Post-diagnosis adiposity and survival among breast cancer patients: influence of breast cancer subtype. <i>Cancer Causes and Control</i> , 2015, 26, 1803-1811. | 0.8 | 22 |
| 75 | Using SRM-MS to quantify nuclear protein abundance differences between adipose tissue depots of insulin-resistant mice. <i>Journal of Lipid Research</i> , 2015, 56, 1068-1078. | 2.0 | 11 |
| 76 | From Flab to Fab: Transforming Surgical Waste into an Effective Bioactive Coating Material. <i>Advanced Healthcare Materials</i> , 2015, 4, 613-620. | 3.9 | 9 |
| 77 | Obesity, abdominal obesity and migraine: A cross-sectional analysis of ELSA-Brasil baseline data. <i>Cephalalgia</i> , 2015, 35, 426-436. | 1.8 | 21 |
| 78 | Lipid signaling in adipose tissue: Connecting inflammation & metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 503-518. | 1.2 | 183 |
| 79 | Secretory activity of subcutaneous abdominal adipose tissue in male patients with rheumatoid arthritis and osteoarthritis – association with clinical and laboratory data. <i>Reumatologia</i> , 2016, 54, 227-235. | 0.5 | 11 |
| 80 | Inverse Relationship of the CMKLR1 Relative Expression and Chemerin Serum Levels in Obesity with Dysmetabolic Phenotype and Insulin Resistance. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9. | 1.4 | 12 |
| 81 | Calcium Sensing Receptor as a Novel Mediator of Adipose Tissue Dysfunction: Mechanisms and Potential Clinical Implications. <i>Frontiers in Physiology</i> , 2016, 7, 395. | 1.3 | 29 |
| 82 | Estimating real cell size distribution from cross-section microscopy imaging. <i>Bioinformatics</i> , 2016, 32, i396-i404. | 1.8 | 20 |
| 83 | Adipose tissue development and the molecular regulation of lipid metabolism. <i>Essays in Biochemistry</i> , 2016, 60, 437-450. | 2.1 | 26 |
| 85 | Anthropometry-based Obesity Phenotypes and Risk of Colorectal Adenocarcinoma. <i>Epidemiology</i> , 2016, 27, 423-432. | 1.2 | 11 |
| 86 | Circulating adipocyte-derived extracellular vesicles are novel markers of metabolic stress. <i>Journal of Molecular Medicine</i> , 2016, 94, 1241-1253. | 1.7 | 117 |
| 87 | HSD1 and AQP7 short-term gene regulation by cortisone in 3T3-L1 adipocytes. <i>Adipocyte</i> , 2016, 5, 298-305. | 1.3 | 4 |
| 88 | The obesity-induced transcriptional regulator TRIP-Br2 mediates visceral fat endoplasmic reticulum stress-induced inflammation. <i>Nature Communications</i> , 2016, 7, 11378. | 5.8 | 37 |
| 89 | Anti-inflammatory Effects of Adipose-Derived Stem Cells (ASCs). <i>Pancreatic Islet Biology</i> , 2016, , 43-60. | 0.1 | 1 |
| 91 | Contribution of Maladaptive Adipose Tissue Expansion to Development of Cardiovascular Disease. , 2016, 7, 253-262. | | 23 |
| 92 | What Can We Learn from Interventions That Change Fat Distribution?. <i>Current Obesity Reports</i> , 2016, 5, 271-281. | 3.5 | 6 |
| 93 | Gene expression in a rarely studied intraabdominal adipose depot, the round ligament, in severely obese women: A pilot study. <i>Adipocyte</i> , 2016, 5, 27-34. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 94 | Lifestyle Therapy as Medicine for the Treatment of Obesity. , 2016, , 199-220. | | 0 |
| 95 | Fatty Acid Content of Plasma Triglycerides May Contribute to the Heterogeneity in the Relationship Between Abdominal Obesity and the Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 311-317. | 0.5 | 12 |
| 96 | Adipose Tissue Depots and Their Cross-sectional Associations With Circulating Biomarkers of Metabolic Regulation. <i>Journal of the American Heart Association</i> , 2016, 5, . | 1.6 | 30 |
| 97 | Fitness, adiposopathy, and adiposity are independent predictors of insulin sensitivity in middle-aged men without diabetes. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 435-444. | 1.3 | 20 |
| 98 | Relationship Between Measures of Adiposity, Arterial Inflammation, and Subsequent Cardiovascular Events. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004043. | 1.3 | 50 |
| 99 | The Role of Adipocytes in Tissue Regeneration and Stem Cell Niches. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 609-631. | 4.0 | 43 |
| 100 | Deconstructing the Growth Hormone Receptor(GHR): Physical and Metabolic Phenotypes of Tissue-Specific GHR Gene-Disrupted Mice. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 138, 27-39. | 0.9 | 14 |
| 101 | WNT5A-JNK regulation of vascular insulin resistance in human obesity. <i>Vascular Medicine</i> , 2016, 21, 489-496. | 0.8 | 28 |
| 102 | Piceatannol and resveratrol share inhibitory effects on hydrogen peroxide release, monoamine oxidase and lipogenic activities in adipose tissue, but differ in their antilipolytic properties. <i>Chemico-Biological Interactions</i> , 2016, 258, 115-125. | 1.7 | 32 |
| 103 | Genome-wide DNA methylation pattern in visceral adipose tissue differentiates insulin-resistant from insulin-sensitive obese subjects. <i>Translational Research</i> , 2016, 178, 13-24.e5. | 2.2 | 71 |
| 104 | Proteomics analyses of subcutaneous adipocytes reveal novel abnormalities in human insulin resistance. <i>Obesity</i> , 2016, 24, 1506-1514. | 1.5 | 32 |
| 105 | Carotenoids in Nature. <i>Sub-Cellular Biochemistry</i> , 2016, , . | 1.0 | 39 |
| 106 | Body Mass Index as a Measure of Obesity: Racial Differences in Predictive Value for Health Parameters During Pregnancy. <i>Journal of Women's Health</i> , 2016, 25, 1210-1218. | 1.5 | 8 |
| 107 | Carotenoids in Adipose Tissue Biology and Obesity. <i>Sub-Cellular Biochemistry</i> , 2016, 79, 377-414. | 1.0 | 56 |
| 108 | Optimal anthropometric measures and thresholds to identify undiagnosed type 2 diabetes in three major Asian ethnic groups. <i>Obesity</i> , 2016, 24, 2185-2193. | 1.5 | 14 |
| 109 | Nutrition Interventions for Obesity. <i>Medical Clinics of North America</i> , 2016, 100, 1341-1356. | 1.1 | 9 |
| 110 | The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. <i>Stem Cell Research</i> , 2016, 17, 342-351. | 0.3 | 27 |
| 111 | Anatomical distribution of primary amine oxidase activity in four adipose depots and plasma of severely obese women with or without a dysmetabolic profile. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 475-486. | 1.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 112 | Prolactin Promotes Adipose Tissue Fitness and Insulin Sensitivity in Obese Males. <i>Endocrinology</i> , 2017, 158, en.2016-1444. | 1.4 | 48 |
| 113 | Lean mass predicts conditioned pain modulation in adolescents across weight status. <i>European Journal of Pain</i> , 2016, 20, 967-976. | 1.4 | 19 |
| 114 | Microenvironmental Control of Adipocyte Fate and Function. <i>Trends in Cell Biology</i> , 2016, 26, 745-755. | 3.6 | 87 |
| 115 | Targeting adipose tissue in the treatment of obesity-associated diabetes. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 639-660. | 21.5 | 518 |
| 116 | The implications of genetic variation for the pharmacokinetics and pharmacodynamics of aromatase inhibitors. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 851-863. | 1.5 | 2 |
| 117 | Rhumatisme psoriasique et obÃ©sité. <i>Revue Du Rhumatisme Monographies</i> , 2016, 83, 34-36. | 0.0 | 0 |
| 118 | Obesity: An overview of possible role(s) of gut hormones, lipid sensing and gut microbiota. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 48-65. | 1.5 | 145 |
| 119 | Branched-chain amino acid catabolism fuels adipocyte differentiation and lipogenesis. <i>Nature Chemical Biology</i> , 2016, 12, 15-21. | 3.9 | 326 |
| 120 | Incubation temperature manipulation during fetal development reduces adiposity of broiler hatchlings. <i>Poultry Science</i> , 2016, 95, 316-324. | 1.5 | 14 |
| 121 | Body Size, Metabolic Factors, and Risk of Endometrial Cancer in Black Women. <i>American Journal of Epidemiology</i> , 2016, 183, 259-268. | 1.6 | 18 |
| 122 | Tenomodulin promotes human adipocyte differentiation and beneficial visceral adipose tissue expansion. <i>Nature Communications</i> , 2016, 7, 10686. | 5.8 | 56 |
| 123 | Linking Obesity, Metabolism, and Cancer. , 2016, , 723-741. | | 3 |
| 124 | Visceral adiposity is a predictor of parathyroid hormone levels in healthy adults. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 447-453. | 1.8 | 9 |
| 125 | Metabolic syndrome update. <i>Trends in Cardiovascular Medicine</i> , 2016, 26, 364-373. | 2.3 | 576 |
| 126 | Association of the anti-angiogenic factor secreted protein and rich in cysteine (SPARC) with vascular complications among Chinese type 2 diabetic patients in Singapore. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1222-1227. | 1.2 | 2 |
| 127 | Validity of visceral adiposity estimates from DXA against MRI in Kuwaiti men and women. <i>Nutrition and Diabetes</i> , 2017, 7, e238-e238. | 1.5 | 48 |
| 128 | Univariate predictors of maternal concentrations of environmental chemicals: The MIREC study. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 77-85. | 2.1 | 45 |
| 129 | Fetal development of subcutaneous white adipose tissue is dependent on Zfp423. <i>Molecular Metabolism</i> , 2017, 6, 111-124. | 3.0 | 56 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 130 | A causal role for hyperinsulinemia in obesity. <i>Journal of Endocrinology</i> , 2017, 232, R173-R183. | 1.2 | 113 |
| 131 | The Complex Roles of Mechanistic Target of Rapamycin in Adipocytes and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 319-339. | 3.1 | 53 |
| 132 | Waist-hip Ratio (WHR), a Better Predictor for Prostate Cancer than Body Mass Index (BMI): Results from a Chinese Hospital-based Biopsy Cohort. <i>Scientific Reports</i> , 2017, 7, 43551. | 1.6 | 10 |
| 133 | Osteogenic Differentiation of Mesenchymal Stromal Cells: A Comparative Analysis Between Human Subcutaneous Adipose Tissue and Dental Pulp. <i>Stem Cells and Development</i> , 2017, 26, 843-855. | 1.1 | 23 |
| 134 | Sorting out adipocyte precursors and their role in physiology and disease. <i>Genes and Development</i> , 2017, 31, 127-140. | 2.7 | 104 |
| 135 | Body composition assessment in the prediction of osteoporotic fractures. <i>Current Opinion in Rheumatology</i> , 2017, 29, 394-401. | 2.0 | 17 |
| 136 | Flow cytometric single cell analysis reveals heterogeneity between adipose depots. <i>Adipocyte</i> , 2017, 6, 112-123. | 1.3 | 26 |
| 137 | Insulin, IGF-1, and GH Receptors Are Altered in an Adipose Tissue Depotâ€“Specific Manner in Male Mice With Modified GH Action. <i>Endocrinology</i> , 2017, 158, 1406-1418. | 1.4 | 14 |
| 138 | Multiphasic Regulation of Systemic and Peripheral Organ Metabolic Responses to Cardiac Hypertrophy. <i>Circulation: Heart Failure</i> , 2017, 10, . | 1.6 | 16 |
| 139 | Depot-specific differences in fatty acid composition and distinct associations with lipogenic gene expression in abdominal adipose tissue of obese women. <i>International Journal of Obesity</i> , 2017, 41, 1295-1298. | 1.6 | 26 |
| 140 | Sclerostin and Adipose Tissue. <i>Current Molecular Biology Reports</i> , 2017, 3, 71-78. | 0.8 | 2 |
| 141 | Adipose tissue: between the extremes. <i>EMBO Journal</i> , 2017, 36, 1999-2017. | 3.5 | 172 |
| 142 | Impact of Growth Hormone on Regulation of Adipose Tissue. , 2017, 7, 819-840. | | 19 |
| 144 | Impact of fat mass and distribution on lipid turnover in human adipose tissue. <i>Nature Communications</i> , 2017, 8, 15253. | 5.8 | 71 |
| 145 | Ovarian hormones and obesity. <i>Human Reproduction Update</i> , 2017, 23, 300-321. | 5.2 | 229 |
| 146 | Endothelial and Perivascular Adipose Tissue Abnormalities in Obesity-Related Vascular Dysfunction: Novel Targets for Treatment. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 360-368. | 0.8 | 36 |
| 147 | Regulation of visceral and epicardial adipose tissue for preventing cardiovascular injuries associated to obesity and diabetes. <i>Cardiovascular Diabetology</i> , 2017, 16, 44. | 2.7 | 136 |
| 148 | Abdominal obesity and white matter microstructure in midlife. <i>Human Brain Mapping</i> , 2017, 38, 3337-3344. | 1.9 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 149 | Simultaneous Transcriptional and Epigenomic Profiling from Specific Cell Types within Heterogeneous Tissues In Vivo. <i>Cell Reports</i> , 2017, 18, 1048-1061. | 2.9 | 117 |
| 150 | Glucocorticoid Regulation of Body Composition and Metabolism. , 2017, , 3-26. | | 3 |
| 151 | Chronic low-dose glucocorticoid treatment increases subcutaneous abdominal fat, but not visceral fat, of male Wistar rats. <i>Life Sciences</i> , 2017, 190, 29-35. | 2.0 | 6 |
| 152 | Gender differences in the association of epicardial adipose tissue and coronary artery calcification: EPICHEART study. <i>International Journal of Cardiology</i> , 2017, 249, 419-425. | 0.8 | 30 |
| 153 | Estrogen Metabolism in Abdominal Subcutaneous and Visceral Adipose Tissue in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4588-4595. | 1.8 | 87 |
| 154 | Bolstering your armamentarium with SGLT2 inhibitors. <i>Nurse Practitioner</i> , 2017, 42, 28-34. | 0.2 | 2 |
| 155 | Hormonal Regulation of Adipogenesis. , 2017, 7, 1151-1195. | | 22 |
| 156 | PKA Differentially Regulates Adipose Depots to Control Energy Expenditure. <i>Endocrinology</i> , 2017, 158, 464-466. | 1.4 | 7 |
| 157 | Differential peripheral blood methylation by α -lipoic acid and EPA supplementation in overweight or obese women during a weight loss program. <i>Journal of Functional Foods</i> , 2017, 36, 178-185. | 1.6 | 2 |
| 158 | Metabolic Dysregulation, Systemic Inflammation, and Pediatric Obesity-related Asthma. <i>Annals of the American Thoracic Society</i> , 2017, 14, S363-S367. | 1.5 | 39 |
| 159 | Subcutaneous white adipocytes express a light sensitive signaling pathway mediated via a melanopsin/TRPC channel axis. <i>Scientific Reports</i> , 2017, 7, 16332. | 1.6 | 35 |
| 160 | The etiology of oxidative stress in insulin resistance. <i>Biomedical Journal</i> , 2017, 40, 257-262. | 1.4 | 289 |
| 161 | Helminth antigens counteract a rapid high-fat diet-induced decrease in adipose tissue eosinophils. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 245-255. | 1.1 | 17 |
| 162 | Genome-wide DNA methylation analysis reveals loci that distinguish different types of adipose tissue in obese individuals. <i>Clinical Epigenetics</i> , 2017, 9, 48. | 1.8 | 32 |
| 163 | Subcutaneous Adipocyte Lipolysis Contributes to Circulating Lipid Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1782-1787. | 1.1 | 61 |
| 164 | Reduced SCD1 activity alters markers of fatty acid reesterification, glyceroneogenesis, and lipolysis in murine white adipose tissue and 3T3-L1 adipocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C295-C304. | 2.1 | 22 |
| 165 | The expanding problem of adipose depot remodeling and postnatal adipocyte progenitor recruitment. <i>Molecular and Cellular Endocrinology</i> , 2017, 445, 95-108. | 1.6 | 62 |
| 166 | Role of microRNAs on adipogenesis, chronic low-grade inflammation, and insulin resistance in obesity. <i>Nutrition</i> , 2017, 35, 28-35. | 1.1 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 167 | Distinct Secretary Activity and Clinical Impact of Subcutaneous Abdominal Adipose Tissue in Women with Rheumatoid Arthritis and Osteoarthritis. <i>Inflammation</i> , 2017, 40, 106-116. | 1.7 | 10 |
| 168 | Sex- and age-specific percentiles of body composition indices for Chinese adults using dual-energy X-ray absorptiometry. <i>European Journal of Nutrition</i> , 2017, 56, 2393-2406. | 1.8 | 23 |
| 169 | Unravelling the adiponectin paradox: novel roles of adiponectin in the regulation of cardiovascular disease. <i>British Journal of Pharmacology</i> , 2017, 174, 4007-4020. | 2.7 | 110 |
| 170 | Contribution of Adipose Tissue to Development of Cancer. , 2017, 8, 237-282. | | 139 |
| 171 | The role of mineralocorticoid receptor signaling in the cross-talk between adipose tissue and the vascular wall. <i>Cardiovascular Research</i> , 2017, 113, 1055-1063. | 1.8 | 47 |
| 172 | Clinical Assessment of the Patient with Overweight or Obesity. <i>Endocrinology</i> , 2017, , 1-27. | 0.1 | 4 |
| 173 | Insulin-mimetic compound hexakis (benzylammonium) decavanadate is antilipolytic in human fat cells. <i>World Journal of Diabetes</i> , 2017, 8, 143. | 1.3 | 22 |
| 174 | Metabolic Adaptation in Obesity and Type II Diabetes: Myokines, Adipokines and Hepatokines. <i>International Journal of Molecular Sciences</i> , 2017, 18, 8. | 1.8 | 148 |
| 175 | Growth Hormone's Effect on Adipose Tissue: Quality versus Quantity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1621. | 1.8 | 52 |
| 176 | Physical Interactions and Expression Quantitative Traits Loci Identify Regulatory Connections for Obesity and Type 2 Diabetes Associated SNPs. <i>Frontiers in Genetics</i> , 2017, 8, 150. | 1.1 | 84 |
| 177 | Obesity and Metabolic Syndrome. , 2017, , 1-26. | | 2 |
| 178 | Thermographic and anthropometric assessment of electrical stimulation on localized body fat. <i>Fisioterapia Em Movimento</i> , 2017, 30, 29-37. | 0.4 | 3 |
| 179 | Socioeconomic inequality in abdominal obesity among older people in Purworejo District, Central Java, Indonesia – a decomposition analysis approach. <i>International Journal for Equity in Health</i> , 2017, 16, 214. | 1.5 | 13 |
| 180 | Fitness Assessment as an Anti-Aging Marker: A Narrative Review. <i>Journal of Gerontology & Geriatric Research</i> , 2017, 06, . | 0.1 | 8 |
| 181 | Review on Clinical Trials of Black Seed (<i>Nigella sativa</i>) and Its Active Constituent, Thymoquinone. <i>Journal of Pharmacopuncture</i> , 2017, 20, 179-193. | 0.4 | 133 |
| 182 | Automated segmentation of cardiac adipose tissue in Dixon magnetic resonance images. <i>Journal of Biomedical Graphics and Computing</i> , 2017, 8, 1. | 0.2 | 3 |
| 183 | MECHANISMS IN ENDOCRINOLOGY: Lessons from growth hormone receptor gene-disrupted mice: are there benefits of endocrine defects?. <i>European Journal of Endocrinology</i> , 2018, 178, R155-R181. | 1.9 | 52 |
| 184 | Heterogeneity of adipose tissue in development and metabolic function. <i>Journal of Experimental Biology</i> , 2018, 221, . | 0.8 | 147 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 185 | Transforming growth factor beta superfamily regulation of adipose tissue biology in obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1160-1171. | 1.8 | 85 |
| 186 | White and beige adipocytes: are they metabolically distinct?. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 33, . | 0.3 | 22 |
| 187 | Intergenerational Influence of Paternal Obesity on Metabolic and Reproductive Health Parameters of the Offspring: Male-Preferential Impact and Involvement of Kiss1-Mediated Pathways. <i>Endocrinology</i> , 2018, 159, 1005-1018. | 1.4 | 29 |
| 188 | Adiponectin synthesis and secretion by subcutaneous adipose tissue is impaired during obesity by endoplasmic reticulum stress. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5970-5984. | 1.2 | 41 |
| 189 | Cancer as a Matter of Fat: The Crosstalk between Adipose Tissue and Tumors. <i>Trends in Cancer</i> , 2018, 4, 374-384. | 3.8 | 286 |
| 190 | The androgen receptor in bone marrow progenitor cells negatively regulates fat mass. <i>Journal of Endocrinology</i> , 2018, 237, 15-27. | 1.2 | 5 |
| 191 | Mast cells participate in chronic low-grade inflammation within adipose tissue. <i>Obesity Reviews</i> , 2018, 19, 686-697. | 3.1 | 56 |
| 192 | Omega-3 fatty acids and adipose tissue biology. <i>Molecular Aspects of Medicine</i> , 2018, 64, 147-160. | 2.7 | 70 |
| 193 | Relationships of Clinical and Computed Tomography-Imaged Adiposity with Cognition in Middle-Aged and Older African Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 492-498. | 1.7 | 5 |
| 194 | Animal models of obesity and diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2018, 14, 140-162. | 4.3 | 563 |
| 195 | Raspberry Supplementation Improves Insulin Signaling and Promotes Brown-Like Adipocyte Development in White Adipose Tissue of Obese Mice. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1701035. | 1.5 | 40 |
| 196 | Relationship between body mass index and renal function deterioration among the Taiwanese chronic kidney disease population. <i>Scientific Reports</i> , 2018, 8, 6908. | 1.6 | 22 |
| 197 | The relationship between adiposopathy and glucose-insulin homeostasis is not affected by moderate-intensity aerobic training in healthy women with obesity. <i>Journal of Physiology and Biochemistry</i> , 2018, 74, 591-601. | 1.3 | 6 |
| 198 | Skeletal Muscle Fat and Its Association With Physical Function in Rheumatoid Arthritis. <i>Arthritis Care and Research</i> , 2018, 70, 333-342. | 1.5 | 28 |
| 199 | Claimed effects, outcome variables and methods of measurement for health claims on foods proposed under European Community Regulation 1924/2006 in the area of appetite ratings and weight management. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 389-409. | 1.3 | 13 |
| 200 | Diabetes Mellitus and Obesity as Risk Factors for Pancreatic Cancer. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2018, 118, 555-567. | 0.4 | 91 |
| 201 | Obesity phenotypes: depot-differences in adipose tissue and their clinical implications. <i>Eating and Weight Disorders</i> , 2018, 23, 3-14. | 1.2 | 61 |
| 202 | Relación entre estado nutricional, consumo de alimentos no nutritivos y percepción de estrés en mujeres perimenopáusicas. <i>Revista Chilena De Nutricion</i> , 2018, 45, 105-111. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 203 | Adiponectin, Leptin and Visfatin in Hypoxia and its Effect for Weight Loss in Obesity. <i>Frontiers in Endocrinology</i> , 2018, 9, 615. | 1.5 | 13 |
| 204 | Links between HPA axis and adipokines: clinical implications in paradigms of stress-related disorders. <i>Expert Review of Endocrinology and Metabolism</i> , 2018, 13, 317-332. | 1.2 | 23 |
| 205 | Effect of Pre-meal Water Consumption on Energy Intake and Satiety in Non-obese Young Adults. <i>Clinical Nutrition Research</i> , 2018, 7, 291. | 0.5 | 6 |
| 206 | Reduced Number of Adipose Lineage and Endothelial Cells in Epididymal fat in Response to Omega-3 PUFA in Mice Fed High-Fat Diet. <i>Marine Drugs</i> , 2018, 16, 515. | 2.2 | 12 |
| 207 | Inhibition of Ceramide De Novo Synthesis Affects Adipocytokine Secretion and Improves Systemic and Adipose Tissue Insulin Sensitivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3995. | 1.8 | 31 |
| 208 | Loss of Transcriptional Repression by BCL6 Confers Insulin Sensitivity in the Setting of Obesity. <i>Cell Reports</i> , 2018, 25, 3283-3298.e6. | 2.9 | 28 |
| 209 | Contribution of Adipose Tissue Inflammation to the Development of Type 2 Diabetes Mellitus. , 2018, 9, 1-58. | | 217 |
| 210 | Enzymes in Physiological Samples. , 2018, , 138-138. | | 1 |
| 211 | Body Morphology and Fat Distribution. , 0, , 10-15. | | 0 |
| 212 | Effect of adipocyte-derived IGF-I on adipose tissue mass and glucose metabolism in the Berlin Fat Mouse. <i>Growth Factors</i> , 2018, 36, 78-88. | 0.5 | 8 |
| 213 | The p53/Adipose-Tissue/Cancer Nexus. <i>Frontiers in Endocrinology</i> , 2018, 9, 457. | 1.5 | 16 |
| 214 | TARGETING ABDOMINAL OBESITY THROUGH THE DIET. <i>ACSM's Health and Fitness Journal</i> , 2018, 22, 21-28. | 0.3 | 3 |
| 215 | Cited4 is a sex-biased mediator of the antidiabetic glitazone response in adipocyte progenitors. <i>EMBO Molecular Medicine</i> , 2018, 10, . | 3.3 | 7 |
| 216 | Caveolar targeting links Kv1.3 with the insulin-dependent adipocyte physiology. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4059-4075. | 2.4 | 17 |
| 217 | Effect of adiposity on tissue-specific adiponectin secretion. <i>PLoS ONE</i> , 2018, 13, e0198889. | 1.1 | 38 |
| 218 | Adipose cell size: importance in health and disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R284-R295. | 0.9 | 137 |
| 219 | Perivascular Adipose Tissue as a Relevant Fat Depot for Cardiovascular Risk in Obesity. <i>Frontiers in Physiology</i> , 2018, 9, 253. | 1.3 | 79 |
| 220 | A mesodermal fate map for adipose tissue. <i>Development (Cambridge)</i> , 2018, 145, . | 1.2 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 221 | Therapeutic Potential of Adipose Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1341, 15-25. | 0.8 | 38 |
| 222 | Cardiovascular effects of sodium glucose cotransporter 2 inhibitors. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 133-148. | 1.1 | 21 |
| 223 | The Complexity of Adipose Tissue. , 2018, , 205-223. | | 1 |
| 224 | The effect of dapagliflozin treatment on epicardial adipose tissue volume. <i>Cardiovascular Diabetology</i> , 2018, 17, 6. | 2.7 | 252 |
| 225 | The association between high-sensitivity C-reactive protein and metabolic risk factors in black and white South African women: a cross-sectional study. <i>BMC Obesity</i> , 2018, 5, 14. | 3.1 | 0 |
| 226 | Body composition and cardiometabolic health: the need for novel concepts. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 638-644. | 1.3 | 34 |
| 227 | Differential Patterns of Secreted Frizzled-Related Protein 4 (SFRP4) in Adipocyte Differentiation: Adipose Depot Specificity. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2149-2164. | 1.1 | 25 |
| 228 | High ApoD protein level in the round ligament fat depot of severely obese women is associated with an improved inflammatory profile. <i>Endocrine</i> , 2018, 61, 248-257. | 1.1 | 20 |
| 229 | Innate immune cells in the adipose tissue. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2018, 19, 283-292. | 2.6 | 61 |
| 230 | Adipose Tissue. , 2019, , 370-384. | | 2 |
| 231 | Postprandial activation of leukocyte-endothelium interaction by fatty acids in the visceral adipose tissue microcirculation. <i>FASEB Journal</i> , 2019, 33, 11993-12007. | 0.2 | 9 |
| 232 | The number and phenotype of myocardial and adipose tissue CD68+ cells is associated with cardiovascular and metabolic disease in heart surgery patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 946-955. | 1.1 | 13 |
| 233 | Kinetics of DNA-protein association and dissociation by stopped-flow spectroscopy. <i>Methods in Enzymology</i> , 2019, 625, 135-156. | 0.4 | 2 |
| 234 | Annexins in Adipose Tissue: Novel Players in Obesity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3449. | 1.8 | 27 |
| 235 | Human bone marrow adipocytes display distinct immune regulatory properties. <i>EBioMedicine</i> , 2019, 46, 387-398. | 2.7 | 41 |
| 236 | Amelioration of perivascular adipose inflammation reverses vascular dysfunction in a model of nonobese prediabetic metabolic challenge: potential role of antidiabetic drugs. <i>Translational Research</i> , 2019, 214, 121-143. | 2.2 | 27 |
| 237 | Metabolically Healthy Obesity and Bariatric Surgery. <i>Obesity Surgery</i> , 2019, 29, 2989-3000. | 1.1 | 12 |
| 238 | Ethnic differences in hepatic, pancreatic, muscular and visceral fat deposition in healthy men of white European and black west African ethnicity. <i>Diabetes Research and Clinical Practice</i> , 2019, 156, 107866. | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 239 | The discriminatory power of visceral adipose tissue area vs anthropometric measures as a diagnostic marker for metabolic syndrome in South African women. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 93. | 1.2 | 3 |
| 240 | No evidence for changes in skeletal muscle mass or weight during first-line chemotherapy for metastatic colorectal cancer. <i>BMC Cancer</i> , 2019, 19, 847. | 1.1 | 8 |
| 241 | Impaired metabolic and hepatic functions following subcutaneous lipectomy in adult obese rats. <i>Experimental Physiology</i> , 2019, 104, 1661-1677. | 0.9 | 3 |
| 242 | Propionic acid counteracts the inflammation of human subcutaneous adipose tissue: a new avenue for drug development. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 645-652. | 0.9 | 23 |
| 243 | Diverse repertoire of human adipocyte subtypes develops from transcriptionally distinct mesenchymal progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17970-17979. | 3.3 | 106 |
| 244 | Metformin Increases Proliferative Activity and Viability of Multipotent Stromal Stem Cells Isolated from Adipose Tissue Derived from Horses with Equine Metabolic Syndrome. <i>Cells</i> , 2019, 8, 80. | 1.8 | 24 |
| 245 | Fructose Consumption and Lipid Metabolism in Obese Children and Adolescents. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1153, 91-100. | 0.8 | 6 |
| 246 | Association Between Early Life Weight Gain and Abdominal Fat Partitioning at 4.5 Years is Sex, Ethnicity, and Age Dependent. <i>Obesity</i> , 2019, 27, 470-478. | 1.5 | 17 |
| 247 | Neck Circumference and Its Association with Cardiometabolic Risk Factors in Pediatric Population. <i>Medicina (Lithuania)</i> , 2019, 55, 183. | 0.8 | 11 |
| 248 | Potential Anti-obesogenic Effects of Ginkgo biloba Observed in Epididymal White Adipose Tissue of Obese Rats. <i>Frontiers in Endocrinology</i> , 2019, 10, 284. | 1.5 | 24 |
| 249 | Role of autophagy in the regulation of adipose tissue biology. <i>Cell Cycle</i> , 2019, 18, 1435-1445. | 1.3 | 19 |
| 250 | Type 2 immune regulation of adipose tissue homeostasis. <i>Current Opinion in Physiology</i> , 2019, 12, 20-25. | 0.9 | 3 |
| 251 | Iso-caloric Substitution of Dietary Carbohydrate Intake with Fat Intake and MRI-Determined Total Volumes of Visceral, Subcutaneous and Hepatic Fat Content in Middle-Aged Adults. <i>Nutrients</i> , 2019, 11, 1151. | 1.7 | 10 |
| 252 | Carbenoxolone enhances peripheral insulin sensitivity and GLUT4 expression in skeletal muscle of obese rats: Potential participation of UBC9 protein. <i>Life Sciences</i> , 2019, 229, 157-165. | 2.0 | 4 |
| 253 | Dietary calories and lipids synergistically shape adipose tissue cellularity during postnatal growth. <i>Molecular Metabolism</i> , 2019, 24, 139-148. | 3.0 | 16 |
| 254 | Neck circumference is associated with hyperuricemia: a cross-sectional study. <i>Clinical Rheumatology</i> , 2019, 38, 2373-2381. | 1.0 | 9 |
| 255 | Study rationale and protocol of the BARICO study: a longitudinal, prospective, observational study to evaluate the effects of weight loss on brain function and structure after bariatric surgery. <i>BMJ Open</i> , 2019, 9, e025464. | 0.8 | 8 |
| 256 | Acute effects of active breaks during prolonged sitting on subcutaneous adipose tissue gene expression: an ancillary analysis of a randomised controlled trial. <i>Scientific Reports</i> , 2019, 9, 3847. | 1.6 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 257 | Transcriptional and Epigenomic Regulation of Adipogenesis. <i>Molecular and Cellular Biology</i> , 2019, 39, . | 1.1 | 178 |
| 258 | Effect of a high sucrose and high fat diet in BDNF (+/-) mice on oxidative stress markers in adipose tissues. <i>Archives of Biochemistry and Biophysics</i> , 2019, 665, 46-56. | 1.4 | 8 |
| 259 | Growth hormone impact on adipose tissue and aging. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 5, 45-57. | 0.6 | 0 |
| 260 | Increased production and reduced urinary buffering of acid in uric acid stone formers is ameliorated by pioglitazone. <i>Kidney International</i> , 2019, 95, 1262-1268. | 2.6 | 22 |
| 261 | Rosiglitazone remodels the lipid droplet and britens human visceral and subcutaneous adipocytes ex vivo. <i>Journal of Lipid Research</i> , 2019, 60, 856-868. | 2.0 | 22 |
| 262 | Adipose tissue oxylipin profiles vary by anatomical site and are altered by dietary linoleic acid in rats. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 141, 24-32. | 1.0 | 9 |
| 263 | Dimorphic metabolic and endocrine disorders in mice lacking the constitutive androstane receptor. <i>Scientific Reports</i> , 2019, 9, 20169. | 1.6 | 10 |
| 266 | Specific Biological Features of Adipose Tissue, and Their Impact on HIV Persistence. <i>Frontiers in Microbiology</i> , 2019, 10, 2837. | 1.5 | 65 |
| 267 | Female Mice Exposed to Postnatal Neglect Display Angiotensin II-Dependent Obesity-Induced Hypertension. <i>Journal of the American Heart Association</i> , 2019, 8, e012309. | 1.6 | 10 |
| 268 | High-Energy Diet and Shorter Light Exposure Drives Markers of Adipocyte Dysfunction in Visceral and Subcutaneous Adipose Depots of <i>Psammomys obesus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 6291. | 1.8 | 9 |
| 269 | Interaction between adipocytes and high-density lipoprotein:new insights into the mechanism of obesity-induced dyslipidemia and atherosclerosis. <i>Lipids in Health and Disease</i> , 2019, 18, 223. | 1.2 | 82 |
| 270 | Thermogenic fat. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1-2. | 1.2 | 0 |
| 271 | Thigh and abdominal adipose tissue depot associations with testosterone levels in postmenopausal females. <i>Clinical Endocrinology</i> , 2019, 90, 433-439. | 1.2 | 12 |
| 272 | Nutrition, the visceral immune system, and the evolutionary origins of pathogenic obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 723-731. | 3.3 | 69 |
| 273 | Increased Fibro-Adipogenic Progenitors and Intramyocellular Lipid Accumulation in Obesity-Related Skeletal Muscle Dysfunction. <i>Diabetes</i> , 2019, 68, 18-20. | 0.3 | 12 |
| 274 | Obesity and cardiovascular disease: revisiting an old relationship. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 98-107. | 1.5 | 416 |
| 275 | Adipocyte Glucocorticoid Receptor Deficiency Promotes Adipose Tissue Expandability and Improves the Metabolic Profile Under Corticosterone Exposure. <i>Diabetes</i> , 2019, 68, 305-317. | 0.3 | 35 |
| 276 | MicroRNAs and other non-coding RNAs in adipose tissue and obesity: emerging roles as biomarkers and therapeutic targets. <i>Clinical Science</i> , 2019, 133, 23-40. | 1.8 | 90 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 277 | Clinical Assessment of the Patient with Overweight or Obesity. <i>Endocrinology</i> , 2019, , 151-177. | 0.1 | 0 |
| 278 | A low visceral fat proportion, independent of total body fat mass, protects obese adolescent girls against fatty liver and glucose dysregulation: a longitudinal study. <i>International Journal of Obesity</i> , 2019, 43, 673-682. | 1.6 | 30 |
| 279 | Elucidating the role of Lkb1 and mTOR in adipose tissue. <i>Adipocyte</i> , 2019, 8, 26-30. | 1.3 | 5 |
| 280 | Impaired Glucocorticoid Suppression of TGF β 2 Signaling in Human Omental Adipose Tissues Limits Adipogenesis and May Promote Fibrosis. <i>Diabetes</i> , 2019, 68, 587-597. | 0.3 | 17 |
| 281 | Chemically crosslinked gelatin hydrogels as scaffolding materials for adipose tissue engineering. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47104. | 1.3 | 28 |
| 282 | Mechanisms of insulin resistance related to white, beige, and brown adipocytes. <i>Molecular Metabolism</i> , 2020, 34, 27-42. | 3.0 | 129 |
| 283 | Protective role of lycopene against metabolic disorders induced by chronic bisphenol A exposure in rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9192-9201. | 2.7 | 13 |
| 284 | White adipose tissue mitochondrial metabolism in health and in obesity. <i>Obesity Reviews</i> , 2020, 21, e12958. | 3.1 | 111 |
| 285 | Obesity affects brain structure and function- rescue by bariatric surgery?. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 646-657. | 2.9 | 58 |
| 286 | The role of estrogens in the adipose tissue milieu. <i>Annals of the New York Academy of Sciences</i> , 2020, 1461, 127-143. | 1.8 | 39 |
| 287 | Pentraxin 3 Regulates miR α 21 Expression and Secretion in Brown Adipocytes During Lipopolysaccharide α Induced Inflammation. <i>Obesity</i> , 2020, 28, 323-332. | 1.5 | 2 |
| 288 | Obesity, estrogens and adipose tissue dysfunction α implications for pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 1-21. | 0.8 | 44 |
| 289 | Adipogenesis in Different Body Depots and Tumor Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 571648. | 1.8 | 12 |
| 290 | <p>Characterization and Treatment of Inflammation and Insulin Resistance in Obese Adipose Tissue</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3449-3460. | 1.1 | 6 |
| 291 | Regulators of thymic stromal lymphopoietin production by human adipocytes. <i>Cytokine</i> , 2020, 136, 155284. | 1.4 | 2 |
| 292 | Comparing an adiposopathy approach with four popular classifications schemes to categorize the metabolic profile of postmenopausal women. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 609-622. | 1.3 | 4 |
| 293 | Protein Arginine Methyltransferase PRMT5 Regulates Fatty Acid Metabolism and Lipid Droplet Biogenesis in White Adipose Tissues. <i>Advanced Science</i> , 2020, 7, 2002602. | 5.6 | 22 |
| 294 | Pitfalls and challenges of the purinergic signaling cascade in obesity. <i>Biochemical Pharmacology</i> , 2020, 182, 114214. | 2.0 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 295 | The Adipokines in Cancer Cachexia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4860. | 1.8 | 25 |
| 296 | Blood SIRT1 Shows a Coherent Association with Leptin and Adiponectin in Relation to the Degree and Distribution of Adiposity: A Study in Obesity, Normal Weight and Anorexia Nervosa. <i>Nutrients</i> , 2020, 12, 3506. | 1.7 | 15 |
| 297 | Sex Affects Regional Variations in Subcutaneous Adipose Tissue T Cells but not Macrophages in Adults with Obesity. <i>Obesity</i> , 2020, 28, 2310-2314. | 1.5 | 3 |
| 298 | <p>Magnitude of Central Obesity and its Associated Factors Among Adults in Urban Areas of Northwest Ethiopia</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 4169-4178. | 1.1 | 15 |
| 299 | Specific inhibition of plasminogen activator inhibitor 1 reduces blood glucose level by lowering TNF- α . <i>Life Sciences</i> , 2020, 246, 117404. | 2.0 | 6 |
| 300 | Dietâ€induced rodent models of obesityâ€related metabolic disordersâ€”A guide to a translational perspective. <i>Obesity Reviews</i> , 2020, 21, e13081. | 3.1 | 37 |
| 301 | Pdgrf1-Cre mediated knockout of the aryl hydrocarbon receptor protects mice from high-fat diet induced obesity and hepatic steatosis. <i>PLoS ONE</i> , 2020, 15, e0236741. | 1.1 | 11 |
| 302 | Do adipokines levels influence facial attractiveness of young women?. <i>American Journal of Physical Anthropology</i> , 2020, 173, 250-257. | 2.1 | 1 |
| 303 | Impact of sex and age on metabolism, sympathetic activity, and hypertension. <i>FASEB Journal</i> , 2020, 34, 11337-11346. | 0.2 | 17 |
| 304 | Lean body mass is not beneficial, but may be detrimental for glucose tolerance â€“ Splitting body mass index according to body composition. <i>Primary Care Diabetes</i> , 2020, 14, 747-752. | 0.9 | 4 |
| 305 | Ketogenic diets as treatment of obesity and type 2 diabetes mellitus. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 381-397. | 2.6 | 32 |
| 306 | Fasting and refeeding cycles alter subcutaneous white depot growth dynamics and the morphology of brown adipose tissue in female rats. <i>British Journal of Nutrition</i> , 2021, 126, 460-469. | 1.2 | 7 |
| 307 | Adipose Tissue: An Emerging Target for Adeno-associated Viral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 236-249. | 1.8 | 16 |
| 308 | Role of Flavonoids in the Interactions among Obesity, Inflammation, and Autophagy. <i>Pharmaceuticals</i> , 2020, 13, 342. | 1.7 | 31 |
| 309 | The causal effect of obesity on prediabetes and insulin resistance reveals the important role of adipose tissue in insulin resistance. <i>PLoS Genetics</i> , 2020, 16, e1009018. | 1.5 | 29 |
| 310 | Age-Dependent Changes of Adipokine and Cytokine Secretion From Rat Adipose Tissue by Endogenous and Exogenous Toll-Like Receptor Agonists. <i>Frontiers in Immunology</i> , 2020, 11, 1800. | 2.2 | 14 |
| 311 | Acute Aerobic Exercise Remodels the Adipose Tissue Progenitor Cell Phenotype in Obese Adults. <i>Frontiers in Physiology</i> , 2020, 11, 903. | 1.3 | 10 |
| 312 | Adipose Tissue Development and Expansion from the Womb to Adolescence: An Overview. <i>Nutrients</i> , 2020, 12, 2735. | 1.7 | 44 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 313 | Intricacies of the endothelin system in human obesity: role in the development of complications and potential as a therapeutic target. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 563-569. | 0.7 | 3 |
| 314 | Adipokine-Modulated Immunological Homeostasis Shapes the Pathophysiology of Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9564. | 1.8 | 10 |
| 315 | Effect of liraglutide on epicardial adipose tissue thickness with echocardiography in patients with obese type 2 diabetes mellitus. <i>International Journal of Diabetes in Developing Countries</i> , 2020, 40, 500-506. | 0.3 | 7 |
| 316 | Novel high- ω -docosahexaenoic acid tuna oil supplementation modulates gut microbiota and alleviates obesity in high-fat diet mice. <i>Food Science and Nutrition</i> , 2020, 8, 6513-6527. | 1.5 | 34 |
| 317 | Protracted rosiglitazone treatment exacerbates inflammation in white adipose tissues of adipocyte-specific Nfe2l1 knockout mice. <i>Food and Chemical Toxicology</i> , 2020, 146, 111836. | 1.8 | 7 |
| 318 | Adipocyte-Based Cell Therapy in Oncology: The Role of Cancer-Associated Adipocytes and Their Reinterpretation as Delivery Platforms. <i>Pharmaceutics</i> , 2020, 12, 402. | 2.0 | 22 |
| 319 | Obesity, Bioactive Lipids, and Adipose Tissue Inflammation in Insulin Resistance. <i>Nutrients</i> , 2020, 12, 1305. | 1.7 | 205 |
| 320 | Influenza infection rewires energy metabolism and induces browning features in adipose cells and tissues. <i>Communications Biology</i> , 2020, 3, 237. | 2.0 | 30 |
| 321 | Can fructose influence the development of obesity mediated through hypothalamic alterations?. <i>Journal of Neuroscience Research</i> , 2020, 98, 1662-1668. | 1.3 | 6 |
| 322 | Stratifying nutritional restriction in cancer therapy: Next step, personalized medicine. <i>International Review of Cell and Molecular Biology</i> , 2020, 354, 231-259. | 1.6 | 12 |
| 323 | Diet Quality and Visceral Adiposity among a Multiethnic Population of Young, Middle, and Older Aged Adults. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa090. | 0.1 | 6 |
| 324 | Mediterranean diet, tobacco consumption and body composition during perimenopause. The FLAMENCO project. <i>Maturitas</i> , 2020, 137, 30-36. | 1.0 | 8 |
| 325 | The impact of body mass index on adaptive immune cells in the human bone marrow. <i>Immunity and Ageing</i> , 2020, 17, 15. | 1.8 | 11 |
| 326 | Associations of Weight-Adjusted Body Fat and Fat Distribution with Bone Mineral Density in Chinese Children Aged 6-10 Years. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1763. | 1.2 | 11 |
| 327 | Body mass index, waist circumference, and risk of hearing loss: a meta-analysis and systematic review of observational study. <i>Environmental Health and Preventive Medicine</i> , 2020, 25, 25. | 1.4 | 26 |
| 328 | Comparison of single-slice CT and DXA-derived measures of central adiposity in South African women. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1282-1289. | 1.3 | 3 |
| 329 | The role of adipokines in the modulation of lymphoid lineage cell development and activity: An overview. <i>Obesity Reviews</i> , 2020, 21, e13055. | 3.1 | 12 |
| 330 | 3M-Brazzein as a Natural Sugar Substitute Attenuates Obesity, Metabolic Disorder, and Inflammation. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2183-2192. | 2.4 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 331 | The influence of hypertensive environment on adipose tissue remodeling measured by fluorescence lifetime imaging in spontaneously hypertensive rats. <i>Molecular and Cellular Endocrinology</i> , 2020, 506, 110758. | 1.6 | 3 |
| 332 | Is Abdominal Fat Distribution Associated with Chronotype in Adults Independently of Lifestyle Factors?. <i>Nutrients</i> , 2020, 12, 592. | 1.7 | 32 |
| 333 | Differences in Neuregulin 4 Expression in Children: Effects of Fat Depots and Obese Status. <i>Endocrine Research</i> , 2020, 45, 190-201. | 0.6 | 3 |
| 334 | Aquaglyceroporins Are Differentially Expressed in Beige and White Adipocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 610. | 1.8 | 12 |
| 335 | Single-cell transcriptional networks in differentiating preadipocytes suggest drivers associated with tissue heterogeneity. <i>Nature Communications</i> , 2020, 11, 2117. | 5.8 | 37 |
| 336 | Adipose depot gene expression and intelectin-1 in the metabolic response to cancer and cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1141-1153. | 2.9 | 14 |
| 337 | Late-pregnancy uterine artery ligation increases susceptibility to postnatal Western diet-induced fat accumulation in adult female offspring. <i>Scientific Reports</i> , 2020, 10, 6926. | 1.6 | 1 |
| 338 | Modulation of Gut Microbiota by Fucoxanthin During Alleviation of Obesity in High-Fat Diet-Fed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5118-5128. | 2.4 | 72 |
| 339 | Developmentally Driven Changes in Adipogenesis in Different Fat Depots Are Related to Obesity. <i>Frontiers in Endocrinology</i> , 2020, 11, 138. | 1.5 | 12 |
| 340 | Dysmetabolic adipose tissue in obesity: morphological and functional characteristics of adipose stem cells and mature adipocytes in healthy and unhealthy obese subjects. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 921-941. | 1.8 | 32 |
| 341 | A novel dual-targeted rosiglitazone-loaded nanoparticle for the prevention of diet-induced obesity via the browning of white adipose tissue. <i>Journal of Controlled Release</i> , 2021, 329, 665-675. | 4.8 | 27 |
| 342 | Seeing the fetus from a DOHaD perspective: discussion paper from the advanced imaging techniques of DOHaD applications workshop held at the 2019 DOHaD World Congress. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 153-167. | 0.7 | 4 |
| 343 | Distinct Shades of Adipocytes Control the Metabolic Roles of Adipose Tissues: From Their Origins to Their Relevance for Medical Applications. <i>Biomedicines</i> , 2021, 9, 40. | 1.4 | 10 |
| 344 | In Vivo Models for Obesity and Obesity Related Carcinogenesis. , 2021, , 279-300. | | 2 |
| 345 | Adiponectin, Leptin and Cardiovascular Disorders. <i>Circulation Research</i> , 2021, 128, 136-149. | 2.0 | 158 |
| 346 | Understanding Obesity: The Role of Adipose Tissue Microenvironment and the Gut Microbiome. <i>Saudi Journal of Medicine and Medical Sciences</i> , 2021, 9, 10. | 0.3 | 5 |
| 347 | CCR2/CCL2 and CMKLR1/RvE1 chemokines system levels are associated with insulin resistance in rheumatoid arthritis. <i>PLoS ONE</i> , 2021, 16, e0246054. | 1.1 | 1 |
| 348 | Vitamin D Inhibits Adipokine Production and Inflammatory Signaling Through the Vitamin D Receptor in Human Adipocytes. <i>Obesity</i> , 2021, 29, 562-568. | 1.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 349 | Dermal Drivers of Injury-Induced Inflammation: Contribution of Adipocytes and Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1933. | 1.8 | 20 |
| 350 | Consumption of High-Oleic Soybean Oil Improves Lipid and Lipoprotein Profile in Humans Compared to a Palm Oil Blend: A Randomized Controlled Trial. <i>Lipids</i> , 2021, 56, 313-325. | 0.7 | 12 |
| 351 | Lipid and glucose metabolism in white adipocytes: pathways, dysfunction and therapeutics. <i>Nature Reviews Endocrinology</i> , 2021, 17, 276-295. | 4.3 | 198 |
| 353 | Angiogenesis in Adipose Tissue: The Interplay Between Adipose and Endothelial Cells. <i>Frontiers in Physiology</i> , 2020, 11, 624903. | 1.3 | 78 |
| 354 | Regulatory roles of G-protein coupled receptors in adipose tissue metabolism and their therapeutic potential. <i>Archives of Pharmacal Research</i> , 2021, 44, 133-145. | 2.7 | 11 |
| 355 | Adipose Extracellular Vesicles in Intercellular and Inter-Organ Crosstalk in Metabolic Health and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 608680. | 2.2 | 53 |
| 356 | The gene expression of long non-coding RNAs (lncRNAs): MEG3 and H19 in adipose tissues from obese women and its association with insulin resistance and obesity indices. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23741. | 0.9 | 9 |
| 357 | Epicardial Adiposity in Relation to Metabolic Abnormality, Circulating Adipocyte FABP, and Preserved Ejection Fraction Heart Failure. <i>Diagnostics</i> , 2021, 11, 397. | 1.3 | 5 |
| 358 | Developmental programming: Adipose depot-specific transcriptional regulation by prenatal testosterone excess in a sheep model of PCOS. <i>Molecular and Cellular Endocrinology</i> , 2021, 523, 111137. | 1.6 | 7 |
| 360 | Adiposity Phenotypes and Subclinical Atherosclerosis in Adults from Sub-Saharan Africa: An H3Africa AWI-Gen Study. <i>Global Heart</i> , 2021, 16, 19. | 0.9 | 2 |
| 361 | Comprehensive evaluation of the metabolic effects of porcine CRT3 overexpression on subcutaneous adipocytes with metabolomic and transcriptomic analyses. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 19. | 2.1 | 6 |
| 362 | Pathogenic Microenvironment from Diabetic-Obese Visceral and Subcutaneous Adipocytes Activating Differentiation of Human Healthy Preadipocytes Increases Intracellular Fat, Effect of the Apocarotenoid Crocetin. <i>Nutrients</i> , 2021, 13, 1032. | 1.7 | 4 |
| 363 | Visceral adipose tissue-directed FGF21 gene therapy improves metabolic and immune health in BTBR mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 409-422. | 1.8 | 15 |
| 364 | Perirenal Adipose Tissue-Current Knowledge and Future Opportunities. <i>Journal of Clinical Medicine</i> , 2021, 10, 1291. | 1.0 | 27 |
| 365 | GATA-3 as a Potential Therapeutic Target for Insulin Resistance and Type 2 Diabetes Mellitus. <i>Current Diabetes Reviews</i> , 2021, 17, 169-179. | 0.6 | 8 |
| 366 | Contribution of Adipose Tissue Oxidative Stress to Obesity-Associated Diabetes Risk and Ethnic Differences: Focus on Women of African Ancestry. <i>Antioxidants</i> , 2021, 10, 622. | 2.2 | 19 |
| 367 | Is Obesity Associated With an Increased Risk of Complications After Surgical Management of Acetabulum and Pelvis Fractures? A Systematic Review. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2021, 5, . | 0.4 | 3 |
| 368 | Broccoli microgreens juice reduces body weight by enhancing insulin sensitivity and modulating gut microbiota in high-fat diet-induced C57BL/6J obese mice. <i>European Journal of Nutrition</i> , 2021, 60, 3829-3839. | 1.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 369 | Reduction of litter size during lactation in rats greatly influences fatty acid profiles in dams. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 531-538. | 1.3 | 0 |
| 370 | Contrasting recruitment of skin-associated adipose depots during cold challenge of mouse and human. <i>Journal of Physiology</i> , 2022, 600, 847-868. | 1.3 | 12 |
| 371 | Obesity, Adipose Tissue and Vascular Dysfunction. <i>Circulation Research</i> , 2021, 128, 951-968. | 2.0 | 243 |
| 372 | Mechanistic aspects of carotenoid health benefits “where are we now?”. <i>Nutrition Research Reviews</i> , 2021, 34, 276-302. | 2.1 | 61 |
| 373 | Sexual Dimorphism in Body Weight Loss, Improvements in Cardiometabolic Risk Factors and Maintenance of Beneficial Effects 6 Months after a Low-Calorie Diet: Results from the Randomized Controlled DiOGenes Trial. <i>Nutrients</i> , 2021, 13, 1588. | 1.7 | 9 |
| 374 | Sexual dimorphism in adipose tissue mitochondrial function and metabolic flexibility in obesity. <i>International Journal of Obesity</i> , 2021, 45, 1773-1781. | 1.6 | 16 |
| 375 | Adipokines in vascular calcification. <i>Clinica Chimica Acta</i> , 2021, 516, 15-26. | 0.5 | 7 |
| 376 | Aging adipose: Depot location dictates age-associated expansion and dysfunction. <i>Ageing Research Reviews</i> , 2021, 67, 101259. | 5.0 | 33 |
| 377 | Adipocytes, mast cells and angiogenesis. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 61, 1051-1056. | 0.4 | 2 |
| 378 | The longitudinal association between early-life screen viewing and abdominal adiposity findings from a multiethnic birth cohort study. <i>International Journal of Obesity</i> , 2021, 45, 1995-2005. | 1.6 | 3 |
| 379 | Exploiting the obesity-associated immune microenvironment for cancer therapeutics. , 2022, 229, 107923. | | 10 |
| 380 | Analysis of the Association between Fat Mass Distribution and Bone Mass in Chinese Male Adolescents at Different Stages of Puberty. <i>Nutrients</i> , 2021, 13, 2163. | 1.7 | 4 |
| 381 | Hibiscus sabdariffa L. calyx extract prevents the adipogenesis of 3T3-L1 adipocytes, and obesity-related insulin resistance in high-fat diet-induced obese rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111438. | 2.5 | 14 |
| 382 | A distribution-centered approach for analyzing human adipocyte size estimates and their association with obesity-related traits and mitochondrial function. <i>International Journal of Obesity</i> , 2021, 45, 2108-2117. | 1.6 | 16 |
| 383 | Proteome analysis of human adipocytes identifies depot-specific heterogeneity at metabolic control points. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E1068-E1084. | 1.8 | 18 |
| 384 | Complement in metabolic disease: metaflammation and a two-edged sword. <i>Seminars in Immunopathology</i> , 2021, 43, 829-841. | 2.8 | 13 |
| 385 | n-3 PUFAs protect against adiposity and fatty liver by promoting browning in postnatally overfed male rats: a role for NRG4. <i>Journal of Nutritional Biochemistry</i> , 2021, 93, 108628. | 1.9 | 15 |
| 386 | Myeloma and marrow adiposity: Unanswered questions and future directions. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101541. | 2.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 387 | Towards an understanding of the mechanoreciprocity process in adipocytes and its perturbation with aging. <i>Mechanisms of Ageing and Development</i> , 2021, 197, 111522. | 2.2 | 9 |
| 388 | Abdominal adipose tissue components quantification in MRI as a relevant biomarker of metabolic profile. <i>Magnetic Resonance Imaging</i> , 2021, 80, 14-20. | 1.0 | 4 |
| 389 | Retinol-binding protein 4 in obesity and metabolic dysfunctions. <i>Molecular and Cellular Endocrinology</i> , 2021, 531, 111312. | 1.6 | 37 |
| 390 | Messing Up the Cancer Stem Cell Chemoresistance Mechanisms Supported by Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2021, 11, 702642. | 1.3 | 21 |
| 391 | Abnormal body composition in patients with adrenal adenomas. <i>European Journal of Endocrinology</i> , 2021, 185, 653-662. | 1.9 | 16 |
| 392 | Automated Segmentation of Visceral, Deep Subcutaneous, and Superficial Subcutaneous Adipose Tissue Volumes in MRI of Neonates and Young Children. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200304. | 3.0 | 9 |
| 393 | Therapeutic radiation exposure of the abdomen during childhood induces chronic adipose tissue dysfunction. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 2 |
| 394 | Pathology of metabolism and hearing loss. <i>Otorhinolaryngology(Italy)</i> , 2021, 71, . | 0.1 | 1 |
| 395 | Adipose expression of CREB3L3 modulates body weight during obesity. <i>Scientific Reports</i> , 2021, 11, 19400. | 1.6 | 2 |
| 396 | Challenges in tackling energy expenditure as obesity therapy: From preclinical models to clinical application. <i>Molecular Metabolism</i> , 2021, 51, 101237. | 3.0 | 27 |
| 397 | A Matter of Fat: Body Fat Distribution and Cardiometabolic in. <i>Methods in Molecular Biology</i> , 2022, 2343, 37-56. | 0.4 | 0 |
| 398 | Mesenteric lymphatic dysfunction promotes insulin resistance and represents a potential treatment target in obesity. <i>Nature Metabolism</i> , 2021, 3, 1175-1188. | 5.1 | 56 |
| 399 | Cardiometabolic Health Outcomes Associated With Discordant Visceral and Liver Fat Phenotypes: Insights From the Dallas Heart Study and UK Biobank. <i>Mayo Clinic Proceedings</i> , 2022, 97, 225-237. | 1.4 | 26 |
| 400 | White adipose tissue dysfunction in obesity and aging. <i>Biochemical Pharmacology</i> , 2021, 192, 114723. | 2.0 | 70 |
| 401 | Age and Sex: Impact on adipose tissue metabolism and inflammation. <i>Mechanisms of Ageing and Development</i> , 2021, 199, 111563. | 2.2 | 28 |
| 402 | Relationship between obesity and structural brain abnormality: Accumulated evidence from observational studies. <i>Ageing Research Reviews</i> , 2021, 71, 101445. | 5.0 | 18 |
| 403 | Breast adipose regulation of premenopausal breast epithelial phenotype involves interleukin 10. <i>Journal of Molecular Endocrinology</i> , 2021, 67, 173-188. | 1.1 | 5 |
| 404 | PCOS and nutritional approaches: Differences between lean and obese phenotype. <i>Metabolism Open</i> , 2021, 12, 100123. | 1.4 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 405 | Insights into the adipose stem cell niche in health and disease. , 2022, , 57-80. | | 2 |
| 406 | Optimal cut-offs of five anthropometric indices and their predictive ability of type 2 diabetes in a nationally representative Kenyan study. AIMS Public Health, 2021, 8, 507-518. | 1.1 | 4 |
| 407 | The Pathogenesis of Obesity-Associated Adipose Tissue Inflammation. Advances in Experimental Medicine and Biology, 2017, 960, 221-245. | 0.8 | 198 |
| 408 | Metformin treatment affects adipocytokine secretion and lipid composition in adipose tissues of diet-induced insulin-resistant rats. Nutrition, 2019, 63-64, 126-133. | 1.1 | 14 |
| 409 | Effects of incretin therapy and bariatric surgery on inflammation in obese patients. Obesity Medicine, 2019, 13, 13-20. | 0.5 | 5 |
| 410 | Single cell approaches to address adipose tissue stromal cell heterogeneity. Biochemical Journal, 2020, 477, 583-600. | 1.7 | 58 |
| 411 | Targeting perivascular and epicardial adipose tissue inflammation: therapeutic opportunities for cardiovascular disease. Clinical Science, 2020, 134, 827-851. | 1.8 | 43 |
| 412 | Insulin Resistance in Osteoarthritis: Similar Mechanisms to Type 2 Diabetes Mellitus. Journal of Nutrition and Metabolism, 2020, 2020, 1-16. | 0.7 | 17 |
| 413 | Fat fibrosis: friend or foe?. JCI Insight, 2018, 3, . | 2.3 | 98 |
| 414 | Thermogenic profiling using magnetic resonance imaging of dermal and other adipose tissues. JCI Insight, 2016, 1, e87146. | 2.3 | 26 |
| 415 | Critical lipids link breastfeeding to healthy adipose tissue in infancy and adulthood. Journal of Clinical Investigation, 2019, 129, 2198-2200. | 3.9 | 3 |
| 416 | Contribution of adipogenesis to healthy adipose tissue expansion in obesity. Journal of Clinical Investigation, 2019, 129, 4022-4031. | 3.9 | 326 |
| 417 | Femoral Bone Marrow Insulin Sensitivity Is Increased by Resistance Training in Elderly Female Offspring of Overweight and Obese Mothers. PLoS ONE, 2016, 11, e0163723. | 1.1 | 10 |
| 418 | Depot Dependent Effects of Dexamethasone on Gene Expression in Human Omental and Abdominal Subcutaneous Adipose Tissues from Obese Women. PLoS ONE, 2016, 11, e0167337. | 1.1 | 17 |
| 419 | Characterization of stromal vascular fraction and adipose stem cells from subcutaneous, preperitoneal and visceral morbidly obese human adipose tissue depots. PLoS ONE, 2017, 12, e0174115. | 1.1 | 50 |
| 420 | Insulin-like growth factor binding protein-3 links obesity and breast cancer progression. Oncotarget, 2016, 7, 55491-55505. | 0.8 | 16 |
| 421 | Epigallocatechin-3-gallate suppresses differentiation of adipocytes via regulating the phosphorylation of FOXO1 mediated by PI3K-AKT signaling in 3T3-L1 cells. Oncotarget, 2018, 9, 7411-7423. | 0.8 | 16 |
| 422 | Adipose tissue redistribution caused by an early consumption of a high sucrose diet in a rat model. Nutricion Hospitalaria, 2015, 31, 2546-53. | 0.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 423 | Increased Endothelin-1-Mediated Vasoconstrictor Tone in Human Obesity: Effects of Gut Hormones. <i>Physiological Research</i> , 2018, 67, S69-S81. | 0.4 | 8 |
| 424 | Intra-Abdominal Fat and High Density Lipoprotein Cholesterol Are Associated in a Non-Linear Pattern in Japanese-Americans. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 277. | 1.8 | 4 |
| 425 | Obesity subtypes, related biomarkers & heterogeneity. <i>Indian Journal of Medical Research</i> , 2020, 151, 11. | 0.4 | 93 |
| 426 | Vitamin D regulation of adipogenesis and adipose tissue functions. <i>Nutrition Research and Practice</i> , 2020, 14, 553. | 0.7 | 33 |
| 427 | Irisin and Chemerin Levels in Patients with Type 2 Diabetes Mellitus. <i>Acta Endocrinologica</i> , 2019, 15, 442-446. | 0.1 | 16 |
| 428 | Truncal and leg fat associations with metabolic risk factors among Chinese adults. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2016, 25, 798-809. | 0.3 | 8 |
| 429 | Directing visceral white adipocyte precursors to a thermogenic adipocyte fate improves insulin sensitivity in obese mice. <i>ELife</i> , 2017, 6, . | 2.8 | 39 |
| 430 | Identification of functionally distinct fibro-inflammatory and adipogenic stromal subpopulations in visceral adipose tissue of adult mice. <i>ELife</i> , 2018, 7, . | 2.8 | 227 |
| 431 | Sex-dependent Depot Differences in Adipose Tissue Development and Function; Role of Sex Steroids. <i>Journal of Obesity and Metabolic Syndrome</i> , 2017, 26, 172-180. | 1.5 | 36 |
| 432 | Maternal malnutrition and anaemia in India: dysregulations leading to the "thin-fat" phenotype in newborns. <i>Journal of Nutritional Science</i> , 2021, 10, e91. | 0.7 | 4 |
| 433 | Incompatible effects of Panax ginseng and Veratrum nigrum on estrogen decline in rats using metabolomics and gut microbiota. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 208, 114442. | 1.4 | 3 |
| 434 | Proteomic Signatures of Human Visceral and Subcutaneous Adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 755-775. | 1.8 | 8 |
| 435 | Mouse model of the adipose organ: the heterogeneous anatomical characteristics. <i>Archives of Pharmacal Research</i> , 2021, 44, 857-875. | 2.7 | 4 |
| 436 | Treating Diabetes with Exercise " Focus on the Microvasculature. <i>Journal of Diabetes & Metabolism</i> , 2013, 04, . | 0.2 | 4 |
| 437 | Impact of Different Obesity Assessment Methods after Acute Coronary Syndromes. <i>Arquivos Brasileiros De Cardiologia</i> , 2014, 103, 19-24. | 0.3 | 5 |
| 438 | Linking Obesity, Metabolism and Cancer. , 2015, , 1-21. | | 2 |
| 439 | 5 α -dihydrotestosterone treatment induces metabolic changes associated with polycystic ovary syndrome without interfering with hypothalamic leptin and glucocorticoid signaling. <i>Archives of Biological Sciences</i> , 2016, 68, 473-481. | 0.2 | 1 |
| 440 | Study of Cardiac Muscle Differentiation Potential in Epicardial Adipose-Derived Dedifferentiated Fat Cells (DFAT). <i>Journal of the Nihon University Medical Association</i> , 2017, 76, 175-185. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 441 | Effect of Butyrate on Genetic Expression of Sirt1/AMPK and Akt/mTOR Axes in Murine Adipose Tissue. Pakistan Journal of Zoology, 2018, 50, . | 0.1 | 0 |
| 442 | Relationship between a Pro-thrombotic State and Anthropometric Parameters in Young Saudi Females: A Preliminary Study. Pakistan Journal of Nutrition, 2018, 17, 146-151. | 0.2 | 1 |
| 443 | An Evidence-Based Review of Dietary Supplements on Inflammatory Biomarkers in Obesity. Current Research in Nutrition and Food Science, 2018, 6, 284-293. | 0.3 | 3 |
| 444 | Metabolic syndrome: what changed during last 30 years?. Reproductive Endocrinology, 2018, . | 0.0 | 2 |
| 446 | Development and evaluation of a method for segmentation of cardiac, subcutaneous, and visceral adipose tissue from Dixon magnetic resonance images. Journal of Medical Imaging, 2019, 6, 1. | 0.8 | 1 |
| 448 | Associations between body fat distribution and cardiometabolic risk factors in mixed-ancestry South African women and men. Cardiovascular Journal of Africa, 2019, 30, 321-330. | 0.2 | 5 |
| 449 | Increased number of mast cells in epicardial adipose tissue of cardiac surgery patients with coronary artery disease. Physiological Research, 2020, 69, 621-631. | 0.4 | 3 |
| 450 | The Effects of Exercise on White and Brown Adipose Tissue Cellularity, Metabolic Activity and Remodeling. Frontiers in Physiology, 2021, 12, 772894. | 1.3 | 10 |
| 451 | Intervertebral Disc and Adipokine Leptinâ€™Loves Me, Loves Me Not. International Journal of Molecular Sciences, 2021, 22, 375. | 1.8 | 4 |
| 452 | Metabolic syndrome and kidney disease. , 2022, , 763-777. | | 0 |
| 454 | Immune and non-immune functions of adipose tissue leukocytes. Nature Reviews Immunology, 2022, 22, 371-386. | 10.6 | 53 |
| 455 | Multidimensional Single-Nuclei RNA-Seq Reconstruction of Adipose Tissue Reveals Adipocyte Plasticity Underlying Thermogenic Response. Cells, 2021, 10, 3073. | 1.8 | 11 |
| 457 | Treating Diabetes with Exercise - Focus on the Microvasculature. Journal of Diabetes & Metabolism, 2013, 4, 308. | 0.2 | 3 |
| 458 | Novel associations between inflammation-related proteins and adiposity: A targeted proteomics approach across four population-based studies. Translational Research, 2022, 242, 93-104. | 2.2 | 13 |
| 459 | Overall and central obesity and prostate cancer risk in African men. Cancer Causes and Control, 2022, 33, 223-239. | 0.8 | 8 |
| 460 | CU06-1004 Modulates the Adenosine Monophosphate (AMP)-Associated Protein Kinase (AMPK) Signaling Pathway and Inhibits Lipogenesis in 3T3-L1 Adipocytes and High-Fat Diet-Induced Obese Mice. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 461 | Healthy Subcutaneous and Omental Adipose Tissue Is Associated with High Expression of Extracellular Matrix Components. International Journal of Molecular Sciences, 2022, 23, 520. | 1.8 | 16 |
| 462 | Smart design approaches for orally administered lipophilic prodrugs to promote lymphatic transport. Journal of Controlled Release, 2022, 341, 676-701. | 4.8 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 463 | Phenotypic and functional properties of dedifferentiated fat cells derived from infrapatellar fat pad. <i>Regenerative Therapy</i> , 2022, 19, 35-46. | 1.4 | 5 |
| 464 | Is calorie restriction beneficial for normal-weight individuals? A narrative review of the effects of weight loss in the presence and absence of obesity. <i>Nutrition Reviews</i> , 2022, 80, 1811-1825. | 2.6 | 10 |
| 465 | Comparison of the Anti-Obesity Effect of Enriched Capsanthin and Capsaicin from <i>Capsicum annum</i> L. Fruit in Obesity-Induced C57BL/6J Mouse Model. <i>Food Technology and Biotechnology</i> , 2022, 60, 202-212. | 0.9 | 3 |
| 466 | Intra-abdominal adipose depot variation in adipogenesis, lipogenesis, angiogenesis, and fibrosis gene expression and relationships with insulin resistance and inflammation in premenopausal women with severe obesity. <i>Journal of Physiology and Biochemistry</i> , 2022, , 1. | 1.3 | 3 |
| 467 | <i>Lactobacillus casei</i> Zhang exerts anti-obesity effect to obese glut1 and gut-specific-glut1 knockout mice via gut microbiota modulation mediated different metagenomic pathways. <i>European Journal of Nutrition</i> , 2022, 61, 2003-2014. | 1.8 | 19 |
| 468 | The Influence of Obesity and Weight Loss on the Bioregulation of Innate/Inflammatory Responses: Macrophages and Immunometabolism. <i>Nutrients</i> , 2022, 14, 612. | 1.7 | 6 |
| 469 | Metabolic and Epigenetic Regulation by Estrogen in Adipocytes. <i>Frontiers in Endocrinology</i> , 2022, 13, 828780. | 1.5 | 23 |
| 470 | Reassessing Human Adipose Tissue. <i>New England Journal of Medicine</i> , 2022, 386, 768-779. | 13.9 | 170 |
| 471 | Comparative Transcriptome Analysis Provides Insight into Spatio-Temporal Expression Characteristics and Genetic Regulatory Network in Postnatal Developing Subcutaneous and Visceral Fat of Bama Pig. <i>Frontiers in Genetics</i> , 2022, 13, 844833. | 1.1 | 4 |
| 472 | It Is Not Just Fat: Dissecting the Heterogeneity of Adipose Tissue Function. <i>Current Diabetes Reports</i> , 2022, 22, 177-187. | 1.7 | 4 |
| 473 | Transcriptional and DNA Methylation Signatures of Subcutaneous Adipose Tissue and Adipose-Derived Stem Cells in PCOS Women. <i>Cells</i> , 2022, 11, 848. | 1.8 | 11 |
| 474 | Integrating adipocyte insulin signaling and metabolism in the multi-omics era. <i>Trends in Biochemical Sciences</i> , 2022, 47, 531-546. | 3.7 | 21 |
| 475 | Angiocrine polyamine production regulates adiposity. <i>Nature Metabolism</i> , 2022, 4, 327-343. | 5.1 | 31 |
| 476 | Keeping It Local in Metabolic Disease: Adipose Tissue Paracrine Signaling and Insulin Resistance. <i>Diabetes</i> , 2022, 71, 599-609. | 0.3 | 12 |
| 477 | Loss of Adipocyte STAT5 Confers Increased Depot-Specific Adiposity in Male and Female Mice That Is Not Associated With Altered Adipose Tissue Lipolysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 812802. | 1.5 | 5 |
| 478 | CU06-1004 modulates the adenosine monophosphate (AMP)-associated protein kinase (AMPK) signaling pathway and inhibits lipogenesis in 3T3-L1 adipocytes and high-fat diet-induced obese mice. <i>Life Sciences</i> , 2022, 296, 120440. | 2.0 | 5 |
| 479 | Obesity-Related Metabolic Dysfunction in Dairy Cows and Horses: Comparison to Human Metabolic Syndrome. <i>Life</i> , 2021, 11, 1406. | 1.1 | 11 |
| 480 | Improved Vascularization and Survival of White Compared to Brown Adipose Tissue Grafts in the Dorsal Skinfold Chamber. <i>Biomedicines</i> , 2022, 10, 23. | 1.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 481 | Multidimensional Risk Factors of Age-Related Hearing Loss Among Malaysian Communityâ€Dwelling Older Adults. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 2033-2046. | 1.3 | 5 |
| 482 | Physiological Changes and Pathological Pain Associated with Sedentary Lifestyle-Induced Body Systems Fat Accumulation and Their Modulation by Physical Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13333. | 1.2 | 12 |
| 483 | Truncal Fat and Frailty Are Important Predictors of Cognitive Performance among Aging Adults with Obesity. <i>Journal of Nutrition, Health and Aging</i> , 2022, 26, 425-429. | 1.5 | 1 |
| 484 | An Overview of the TRP-Oxidative Stress Axis in Metabolic Syndrome: Insights for Novel Therapeutic Approaches. <i>Cells</i> , 2022, 11, 1292. | 1.8 | 6 |
| 489 | Failure of subcutaneous lipectomy to combat metabolic dysregulations in ovariectomy-induced obesity in young female rats. <i>Hormones</i> , 2022, , 1. | 0.9 | 1 |
| 490 | Paracrine Role of the Endothelium in Metabolic Homeostasis in Health and Nutrient Excess. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 882923. | 1.1 | 8 |
| 491 | The Impact of Endogenous Estrogen Exposure Duration on Fracture Incidence: a Longitudinal Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, , . | 1.8 | 0 |
| 492 | Role of adipose tissue macrophages in obesity-related disorders. <i>Journal of Experimental Medicine</i> , 2022, 219, . | 4.2 | 31 |
| 493 | Identification of Key Genes Associated With Early Calf-Hood Nutrition in Subcutaneous and Visceral Adipose Tissues by Co-Expression Analysis. <i>Frontiers in Veterinary Science</i> , 2022, 9, . | 0.9 | 2 |
| 494 | Chromatin accessibility landscape of stromal subpopulations reveals distinct metabolic and inflammatory features of porcine subcutaneous and visceral adipose tissue. <i>PeerJ</i> , 0, 10, e13250. | 0.9 | 4 |
| 495 | Long-Term Pterostilbene Supplementation of a High-Fat Diet Increases Adiponectin Expression in the Subcutaneous White Adipose Tissue. <i>Nutraceuticals</i> , 2022, 2, 102-115. | 0.6 | 1 |
| 496 | Metabolik sendrom, insÃ¼lin direnci, diabetes mellitus ve hipertansiyonu Ã¶ngÃ¶rmede visceral adipozite indeksi kesme deÃ¶erlerinin belirlenmesi. <i>Family Practice and Palliative Care</i> , 0, , 41-48. | 0.2 | 0 |
| 497 | Changes in Adiposity and Cerebrospinal Fluid Biomarkers Following a Modified Mediterranean Ketogenic Diet in Older Adults at Risk for Alzheimerâ€™s Disease. <i>Frontiers in Neuroscience</i> , 2022, 16, . | 1.4 | 5 |
| 499 | Clinical applications of adipose-derived stromal vascular fraction in veterinary practice. <i>Veterinary Quarterly</i> , 2022, 42, 151-166. | 3.0 | 2 |
| 500 | Protocol for assessing ex vivo lipolysis of murine adipose tissue. <i>STAR Protocols</i> , 2022, 3, 101518. | 0.5 | 4 |
| 501 | AMPKÎ² isoform expression patterns in various adipocyte models and in relation to body mass index. <i>Frontiers in Physiology</i> , 0, 13, . | 1.3 | 2 |
| 503 | Fucoxanthin: A Promising Phytochemical on Diverse Pharmacological Targets. <i>Frontiers in Pharmacology</i> , 0, 13, . | 1.6 | 19 |
| 504 | Heterogeneity and Ectopic Pulses as Arrhythmia Originators. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 505 | Transcriptomic analysis elucidates the enhanced skeletal muscle mass, reduced fat accumulation, and metabolically benign liver in human follistatin-344 transgenic pigs. <i>Journal of Integrative Agriculture</i> , 2022, 21, 2675-2690. | 1.7 | 0 |
| 506 | Does prednisone use in pregnant women with rheumatoid arthritis induce insulin resistance in the offspring?. <i>Clinical Rheumatology</i> , 2023, 42, 47-54. | 1.0 | 1 |
| 507 | Chronic docosahexaenoic acid supplementation improves metabolic plasticity in subcutaneous adipose tissue of aged obese female mice. <i>Journal of Nutritional Biochemistry</i> , 2023, 111, 109153. | 1.9 | 3 |
| 508 | Remodeling of Adipose Tissues by Fatty Acids: Mechanistic Update on Browning and Thermogenesis by n-3 Polyunsaturated Fatty Acids. <i>Pharmaceutical Research</i> , 2023, 40, 467-480. | 1.7 | 2 |
| 509 | The biological actions of prostanoids in adipose tissue in physiological and pathophysiological conditions. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 186, 102508. | 1.0 | 3 |
| 510 | Adipose tissue aging: An update on mechanisms and therapeutic strategies. <i>Metabolism: Clinical and Experimental</i> , 2023, 138, 155328. | 1.5 | 6 |
| 511 | White adipose tissue as a target for cadmium toxicity. <i>Frontiers in Pharmacology</i> , 0, 13, . | 1.6 | 5 |
| 512 | Body composition reference values in Singaporean adults using dual-energy X-ray absorptiometryâ€”The Yishun study. <i>PLoS ONE</i> , 2022, 17, e0276434. | 1.1 | 1 |
| 513 | Hydrogen Sulfide Promotes Adipocyte Differentiation, Hyperplasia, and Hypertrophy. <i>Engineering</i> , 2023, 20, 36-48. | 3.2 | 2 |
| 514 | Human visceral and subcutaneous adipose stem and progenitor cells retain depot-specific adipogenic properties during obesity. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, . | 1.8 | 6 |
| 515 | UCP2 KO mice exhibit ameliorated obesity and inflammation induced by high-fat diet feeding. <i>BMB Reports</i> , 2022, 55, 500-505. | 1.1 | 2 |
| 516 | Effects of gender-affirming hormone therapy on cardiovascular risk factors focusing on glucose metabolism in an Austrian transgender cohort. <i>International Journal of Transgender Health</i> , 2023, 24, 499-509. | 1.1 | 0 |
| 517 | Recent Patents Involving Stromal Vascular Fraction. <i>Regenerative Engineering and Translational Medicine</i> , 0, , . | 1.6 | 1 |
| 518 | Insights behind the Relationship between Colorectal Cancer and Obesity: Is Visceral Adipose Tissue the Missing Link?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13128. | 1.8 | 11 |
| 519 | Role of long non-coding RNAs in adipose tissue metabolism and associated pathologies. <i>Biochemical Pharmacology</i> , 2022, 206, 115305. | 2.0 | 2 |
| 520 | Physiology of the Weight-Reduced State and Its Impact on Weight Regain. <i>Endocrinology and Metabolism Clinics of North America</i> , 2022, 51, 795-815. | 1.2 | 0 |
| 521 | Depot-specific adipose tissue modulation by SGLT2 inhibitors and GLP1 agonists mediates their cardioprotective effects in metabolic disease. <i>Clinical Science</i> , 2022, 136, 1631-1651. | 1.8 | 2 |
| 522 | Advances in Fucoxanthin Research for the Prevention and Treatment of Inflammation-Related Diseases. <i>Nutrients</i> , 2022, 14, 4768. | 1.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 523 | Impact of White Adipose Tissue on Brain Structure, Perfusion, and Cognitive Function in Patients With Severe Obesity. <i>Neurology</i> , 2023, 100, . | 1.5 | 3 |
| 524 | Effect of γ - γ -hydroxybutyrate-(<i>R</i>)-1,3 butanediol on plasma levels of asprosin and leptin: results from a randomised controlled trial. <i>Food and Function</i> , 2023, 14, 759-768. | 2.1 | 1 |
| 525 | Lipedema: Insights into Morphology, Pathophysiology, and Challenges. <i>Biomedicines</i> , 2022, 10, 3081. | 1.4 | 5 |
| 526 | Immunosuppression in Patients with Diabetes Mellitus. , 0, , . | | 0 |
| 527 | Ciliary control of adipocyte progenitor cell fate regulates energy storage. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, . | 1.8 | 5 |
| 528 | Recent Advances in Visceral Obesity and Related Diseases. <i>Advances in Clinical Medicine</i> , 2022, 12, 11686-11693. | 0.0 | 0 |
| 529 | Mechanic Insight into the Distinct and Common Roles of Ovariectomy Versus Adrenalectomy on Adipose Tissue Remodeling in Female Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2308. | 1.8 | 3 |
| 530 | Targeted delivery of nutraceuticals derived from food for the treatment of obesity and its related complications. <i>Food Chemistry</i> , 2023, 418, 135980. | 4.2 | 3 |
| 531 | Role of dysfunctional peri-organ adipose tissue in metabolic disease. <i>Biochimie</i> , 2023, 212, 12-20. | 1.3 | 2 |
| 532 | Developmental programming: Adipose depot-specific regulation of non-coding RNAs and their relation to coding RNA expression in prenatal testosterone and prenatal bisphenol-A -treated female sheep. <i>Molecular and Cellular Endocrinology</i> , 2023, 564, 111868. | 1.6 | 1 |
| 533 | GPS2-mediated regulation of the adipocyte secretome modulates adipose tissue remodeling at the onset of diet-induced obesity. <i>Molecular Metabolism</i> , 2023, 69, 101682. | 3.0 | 3 |
| 534 | Whole-body adipose tissue multi-omic analyses in sheep reveal molecular mechanisms underlying local adaptation to extreme environments. <i>Communications Biology</i> , 2023, 6, . | 2.0 | 9 |
| 535 | Impaired white adipose tissue fatty acid metabolism in mice fed a high-fat diet worsened by arsenic exposure, primarily affecting retroperitoneal adipose tissue. <i>Toxicology and Applied Pharmacology</i> , 2023, 468, 116428. | 1.3 | 2 |
| 536 | Pancreatic cancer and fibrosis: Targeting metabolic reprogramming and crosstalk of cancer-associated fibroblasts in the tumor microenvironment. <i>Frontiers in Immunology</i> , 0, 14, . | 2.2 | 2 |
| 537 | Bone marrow-derived dedifferentiated fat cells exhibit similar phenotype as bone marrow mesenchymal stem cells with high osteogenic differentiation and bone regeneration ability. <i>Journal of Orthopaedic Surgery and Research</i> , 2023, 18, . | 0.9 | 1 |
| 538 | White Adipose Tissue Dysfunction: Pathophysiology and Emergent Measurements. <i>Nutrients</i> , 2023, 15, 1722. | 1.7 | 8 |
| 540 | Subcutaneous Adipose Tissue Transcriptome Highlights Specific Expression Profiles in Severe Pediatric Obesity: A Pilot Study. <i>Cells</i> , 2023, 12, 1105. | 1.8 | 0 |
| 541 | Central obesity and its associated factors among cancer patients at the University of Gondar Comprehensive Specialized Hospital, Northwest Ethiopia. <i>Frontiers in Oncology</i> , 0, 13, . | 1.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 542 | Role of obesity related inflammation in pathogenesis of peripheral artery disease in patients of type 2 diabetes mellitus. Journal of Diabetes and Metabolic Disorders, 2023, 22, 175-188. | 0.8 | 1 |
| 543 | Pathophysiology of the Cardiometabolic Alterations in Obesity. , 2023, , 69-83. | | 0 |
| 566 | Linking Obesity, Metabolism, and Cancer. , 2023, , 1-18. | | 0 |
| 571 | Type 2 Diabetes Mellitus and Metabolic Syndrome. , 0, , . | | 0 |
| 577 | White adipocyte dysfunction and obesity-associated pathologies in humans. Nature Reviews Molecular Cell Biology, 0, , . | 16.1 | 3 |
| 584 | Linking Obesity, Metabolism, and Cancer. , 2023, , 603-620. | | 0 |