Katherine E Pinnick

List of Publications by Year
in descending order

27	1,751	516561 16	580701 25
papers	citations	h-index	g-index

30	30	30	3822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fatty Acid Uptake and Lipid Storage Induced by HIF-1Î± Contribute to Cell Growth and Survival after Hypoxia-Reoxygenation. Cell Reports, 2014, 9, 349-365.	2.9	498
2	Biology of upper-body and lower-body adipose tissueâ€”link to whole-body phenotypes. Nature Reviews Endocrinology, 2015, 11, 90-100.	4.3	357
3	Pancreatic Ectopic Fat Is Characterized by Adipocyte Infiltration and Altered Lipid Composition. Obesity, 2008, 16, 522-530.	1.5	169
4	Distinct Developmental Profile of Lower-Body Adipose Tissue Defines Resistance Against Obesity-Associated Metabolic Complications. Diabetes, 2014, 63, 3785-3797.	0.3	148
5	De novo lipogenesis in the differentiating human adipocyte can provide all fatty acids necessary for maturation. Journal of Lipid Research, 2011, 52, 1683-1692.	2.0	86
6	Gluteofemoral Adipose Tissue Plays a Major Role in Production of the Lipokine Palmitoleate in Humans. Diabetes, 2012, 61, 1399-1403.	0.3	84
7	The circadian clock components BMAL1 and REV-ERBÎ± regulate flavivirus replication. Nature Communications, 2019, 10, 377.	5.8	71
8	DNA methylation of genes in adipose tissue. Proceedings of the Nutrition Society, 2011, 70, 57-63.	0.4	47
9	Role of developmental transcription factors in white, brown and beige adipose tissues. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 686-696.	1.2	45
10	Reversibility of metabolic and morphological changes associated with chronic exposure of pancreatic islet Î²â€cells to fatty acids. Journal of Cellular Biochemistry, 2010, 109, 683-692.	1.2	38
11	RSPO3 impacts body fat distribution and regulates adipose cell biology in vitro. Nature Communications, 2020, 11, 2797.	5.8	34
12	Transcriptomic analysis of human primary breast cancer identifies fatty acid oxidation as a target for metformin. British Journal of Cancer, 2020, 122, 258-265.	2.9	28
13	MicroRNA-196a links human body fat distribution to adipose tissue extracellular matrix composition. EBioMedicine, 2019, 44, 467-475.	2.7	22
14	A cellular model for the investigation of depot specific human adipocyte biology. Adipocyte, 2017, 6, 40-55.	1.3	21
15	Bone morphogenetic protein 2 is a depot-specific regulator of human adipogenesis. International Journal of Obesity, 2019, 43, 2458-2468.	1.6	21
16	Challenging metabolic tissues with fructose: tissueâ€specific and sexâ€specific responses. Journal of Physiology, 2019, 597, 3527-3537.	1.3	17
17	Cartilage oligomeric matrix protein is differentially expressed in human subcutaneous adipose tissue and regulates adipogenesis. Molecular Metabolism, 2018, 16, 172-179.	3.0	12
18	Measuring Human Lipid Metabolism Using Deuterium Labeling: In Vivo and In Vitro Protocols. Methods in Molecular Biology, 2019, 1862, 83-96.	0.4	12

#	Article	IF	Citations
19	Metformin maintains intrahepatic triglyceride content through increased hepatic de novo lipogenesis. European Journal of Endocrinology, 2022, 186, 367-377.	1.9	12
20	Regional fat depot masses are influenced by protein-coding gene variants. PLoS ONE, 2019, 14, e0217644.	1.1	9
21	The effects of endogenouslyâ€•and exogenouslyâ€‘induced hyperketonemia on exercise performance and adaptation. Physiological Reports, 2022, 10, .	0.7	8
22	Modifying nutritional substrates induces macrovesicular lipid droplet accumulation and metabolic alterations in a cellular model of hepatic steatosis. Physiological Reports, 2020, 8, e14482.	0.7	7
23	Isolation and Characterization of Human Adipocyte-Derived Extracellular Vesicles using Filtration and Ultracentrifugation. Journal of Visualized Experiments, 2021, , .	0.2	1
24	Diabetes Research and Clinical Practice Junior Research Prize: Conference report, 2009. Diabetes Research and Clinical Practice, 2010, 87, 422.	1.1	0
25	Effect of microRNA-196a on regulation of body-fat distribution in man. Lancet, The, 2014, 383, S56.	6.3	0
26	Genomics of Adipose Tissue. Frontiers in Diabetes, 2014, , 122-132.	0.4	0
27	Pancreatic Islet Pathophysiology and Pathology in Obesity. , 2008, , 221-232.		0