Susan K Fried

List of Publications by Year
in descending order

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84 papers	10,640 citations	50276 46 h-index	64796 79 g-index
86 all docs	86 docs citations	86 times ranked	15296 citing authors

#	Article	IF	Citations
1	Omental and Subcutaneous Adipose Tissues of Obese Subjects Release Interleukin-6: Depot Difference and Regulation by Glucocorticoid1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 847-850.	3.6	1,302
2	Identification of omentin as a novel depot-specific adipokine in human adipose tissue: possible role in modulating insulin action. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E1253-E1261.	3.5	709
3	Omentin Plasma Levels and Gene Expression Are Decreased in Obesity. Diabetes, 2007, 56, 1655-1661.	0.6	646
4	Sex differences in human adipose tissues â€“ the biology of pear shape. Biology of Sex Differences, 2012, 3, 13.	4.1	626
5	Regulatory role for the arginineâ€“nitric oxide pathway in metabolism of energy substrates. Journal of Nutritional Biochemistry, 2006, 17, 571-588.	4.2	596
6	Adipose tissue heterogeneity: Implication of depot differences in adipose tissue for obesity complications. Molecular Aspects of Medicine, 2013, 34, 1-11.	6.4	590
7	Estrogen Regulation of Adiposity and Fuel Partitioning. Journal of Biological Chemistry, 2005, 280, 35983-35991.	3.4	423
8	miR-130 Suppresses Adipogenesis by Inhibiting Peroxisome Proliferator-Activated Receptor Î³ Expression. Molecular and Cellular Biology, 2011, 31, 626-638.	2.3	329
9	Acute-Phase Serum Amyloid A: An Inflammatory Adipokine and Potential Link between Obesity and Its Metabolic Complications. PLoS Medicine, 2006, 3, e287.	8.4	295
10	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.	3.8	265
11	Dietary L-Arginine Supplementation Reduces White Fat Gain and Enhances Skeletal Muscle and Brown Fat Masses in Diet-Induced Obese Rats. Journal of Nutrition, 2009, 139, 230-237.	2.9	241
12	Interleukin-6 Regulates Human Adipose Tissue Lipid Metabolism and Leptin Productionin Vitro. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5577-5582.	3.6	221
13	Inhibitory effects of grape seed extract on lipases. Nutrition, 2003, 19, 876-879.	2.4	211
14	Regulation of Leptin Production in Humans. Journal of Nutrition, 2000, 130, 3127S-3131S.	2.9	205
15	Retinol Binding Protein 4 Expression in Humans: Relationship to Insulin Resistance, Inflammation, and Response to Pioglitazone. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2590-2597.	3.6	200
16	Human Visfatin Expression: Relationship to Insulin Sensitivity, Intramyocellular Lipids, and Inflammation. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 666-672.	3.6	179
17	Consequences of Lipid Droplet Coat Protein Downregulation in Liver Cells. Diabetes, 2008, 57, 2037-2045.	0.6	179
18	Adipose tissue remodeling in pathophysiology of obesity. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 371-376.	2.5	164

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19	Thrombospondin-1 Is an Adipokine Associated With Obesity, Adipose Inflammation, and Insulin Resistance. Diabetes, 2008, 57, 432-439.	0.6	159
20	Distinct Developmental Signatures of Human Abdominal and Gluteal Subcutaneous Adipose Tissue Depots. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 362-371.	3.6	145
21	Insulin Inhibits Lipolysis in Adipocytes via the Evolutionarily Conserved mTORC1-Egr1-ATGL-Mediated Pathway. Molecular and Cellular Biology, 2013, 33, 3659-3666.	2.3	130
22	Increased systemic and adipose tissue cytokines in patients with HIV-associated lipodystrophy. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E261-E271.	3.5	126
23	Integration of hormonal and nutrient signals that regulate leptin synthesis and secretion. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1230-E1238.	3.5	112
24	Perilipin Expression in Human Adipose Tissues: Effects of Severe Obesity, Gender, and Depot. Obesity, 2003, 11, 930-936.	4.0	110
25	Shaping fat distribution: New insights into the molecular determinants of depot- and sex-dependent adipose biology. Obesity, 2015, 23, 1345-1352.	3.0	110
26	FSP27 and PLIN1 interaction promotes the formation of large lipid droplets in human adipocytes. Biochemical and Biophysical Research Communications, 2013, 432, 296-301.	2.1	107
27	25-Hydroxyvitamin D3 and 1,25-Dihydroxyvitamin D3 Promote the Differentiation of Human Subcutaneous Preadipocytes. PLoS ONE, 2012, 7, e52171.	2.5	106
28	Effect of thiazolidinediones on glucose and fatty acid metabolism in patients with type 2 diabetes. Metabolism: Clinical and Experimental, 2003, 52, 753-759.	3.4	105
29	Identification of a novel lncRNA in gluteal adipose tissue and evidence for its positive effect on preadipocyte differentiation. Obesity, 2014, 22, 1781-1785.	3.0	105
30	Insulin resistance in adipocytes of obese women: Effects of body fat distribution and race. Metabolism: Clinical and Experimental, 1995, 44, 987-995.	3.4	89
31	Culture of Adipose Tissue and Isolated Adipocytes. , 2001, 155, 197-212.		80
32	Acute high-fat diet paradigms link galanin to triglycerides and their transport and metabolism in muscle. Brain Research, 2004, 1008, 168-178.	2.2	78
33	Impaired insulin action in subcutaneous adipocytes from women with visceral obesity. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E40-E49.	3.5	75
34	Pathways regulated by glucocorticoids in omental and subcutaneous human adipose tissues: a microarray study. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E571-E580.	3.5	75
35	Optimal Protocol for the Differentiation and Metabolic Analysis of Human Adipose Stromal Cells. Methods in Enzymology, 2014, 538, 49-65.	1.0	74
36	Acute and chronic regulation of leptin synthesis, storage, and secretion by insulin and dexamethasone in human adipose tissue. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E858-E864.	3.5	72

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37	Lipolysis in Intraabdorninal Adipose Tissues of Obese Women and Men. Obesity, 1993, 1, 443-448.	4.0	63
38	Depotâ€specific Regulation of the Conversion of Cortisone to Cortisol in Human Adipose Tissue. Obesity, 2008, 16, 1178-1185.	3.0	62
39	Cellular Mechanisms Driving Sex Differences in Adipose Tissue Biology and Body Shape in Humans and Mouse Models. Advances in Experimental Medicine and Biology, 2017, 1043, 29-51.	1.6	61
40	Multilevel regulation of leptin storage, turnover, and secretion by feeding and insulin in rat adipose tissue. Journal of Lipid Research, 2006, 47, 1984-1993.	4.2	60
41	Variations in glucose metabolism by fat cells from three adipose depots of the rat. Metabolism: Clinical and Experimental, 1982, 31, 876-883.	3.4	58
42	A Modified Protocol to Maximize Differentiation of Human Preadipocytes and Improve Metabolic Phenotypes. Obesity, 2012, 20, 2334-2340.	3.0	58
43	Tumor Necrosis Factor Î± and Glucocorticoid Synergistically Increase Leptin Production in Human Adipose Tissue: Role for p38 Mitogen-Activated Protein Kinase. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1484-1490.	3.6	54
44	High-fat diet-induced obesity regulates MMP3 to modulate depot- and sex-dependent adipose expansion in C57BL/6J mice. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E58-E71.	3.5	54
45	IRF5 Deficiency Ameliorates Lupus but Promotes Atherosclerosis and Metabolic Dysfunction in a Mouse Model of Lupus-Associated Atherosclerosis. Journal of Immunology, 2015, 194, 1467-1479.	0.8	50
46	Acute cold exposure decreases plasma leptin in women. Metabolism: Clinical and Experimental, 2000, 49, 421-423.	3.4	49
47	Cocaine- and amphetamine-regulated transcript in the arcuate nucleus stimulates lipid metabolism to control body fat accrual on a high-fat diet. Regulatory Peptides, 2004, 117, 89-99.	1.9	48
48	A MicroRNA Linking Human Positive Selection and Metabolic Disorders. Cell, 2020, 183, 684-701.e14.	28.9	46
49	LDL Receptor-Related Protein-1 (LRP1) Regulates Cholesterol Accumulation in Macrophages. PLoS ONE, 2015, 10, e0128903.	2.5	46
50	Systemic insulin sensitivity is regulated by GPS2 inhibition of AKT ubiquitination and activation in adipose tissue. Molecular Metabolism, 2017, 6, 125-137.	6.5	44
51	Direct Comparison of Mice Null for Liver or Intestinal Fatty Acid-binding Proteins Reveals Highly Divergent Phenotypic Responses to High Fat Feeding. Journal of Biological Chemistry, 2013, 288, 30330-30344.	3.4	43
52	Multiple Adipose Depots Increase Cardiovascular Risk via Local and Systemic Effects. Current Atherosclerosis Reports, 2013, 15, 361.	4.8	42
53	Targeted Deletion of Adipocyte Abca1 (ATP-Binding Cassette Transporter A1) Impairs Diet-Induced Obesity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 733-743.	2.4	39
54	Isoproterenol Decreases Leptin Expression in Adipose Tissue of Obese Humans. Obesity, 1999, 7, 233-240.	4.0	38

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55	Isoproterenol decreases leptin release from rat and human adipose tissue through posttranscriptional mechanisms. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E798-E804.	3.5	38
56	Glucocorticoids antagonize tumor necrosis factor-Î±-stimulated lipolysis and resistance to the antilipolytic effect of insulin in human adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1126-E1133.	3.5	38
57	Mechanisms of Decreased Lipoprotein Lipase Activity in Adipocytes of Starved Rats Depend on Duration of Starvation. Journal of Nutrition, 1998, 128, 940-946.	2.9	37
58	Feeding and Insulin Increase Leptin Translation. Journal of Biological Chemistry, 2007, 282, 72-80.	3.4	37
59	Sex-dependent Depot Differences in Adipose Tissue Development and Function; Role of Sex Steroids. Journal of Obesity and Metabolic Syndrome, 2017, 26, 172-180.	3.6	36
60	Effects of a high-fat diet on energy intake and expenditure in rats. Life Sciences, 1983, 33, 141-149.	4.3	32
61	Rosiglitazone remodels the lipid droplet and britens human visceral and subcutaneous adipocytes ex vivo. Journal of Lipid Research, 2019, 60, 856-868.	4.2	22
62	Resistance to the antilipolytic effect of insulin in adipocytes of African-American compared to Caucasian postmenopausal women. Journal of Lipid Research, 2010, 51, 1193-1200.	4.2	21
63	MicroRNAâ€196 Regulates HOX Gene Expression in Human Gluteal Adipose Tissue. Obesity, 2017, 25, 1375-1383.	3.0	21
64	Leucing Weight with a Futile Cycle. Cell Metabolism, 2007, 6, 155-156.	16.2	18
65	Impaired Glucocorticoid Suppression of TGFÎ² Signaling in Human Omental Adipose Tissues Limits Adipogenesis and May Promote Fibrosis. Diabetes, 2019, 68, 587-597.	0.6	17
66	Depot Dependent Effects of Dexamethasone on Gene Expression in Human Omental and Abdominal Subcutaneous Adipose Tissues from Obese Women. PLoS ONE, 2016, 11, e0167337.	2.5	17
67	Nutrition-Induced Variations in Responsiveness to Insulin Effects on Lipoprotein Lipase Activity in Isolated Rat Fat Cells. Journal of Nutrition, 1990, 120, 1087-1095.	2.9	15
68	Growth hormone receptor expression in human gluteal versus abdominal subcutaneous adipose tissue: Association with body shape. Obesity, 2016, 24, 1090-1096.	3.0	14
69	Low expression of the GILZ may contribute to adipose inflammation and altered adipokine production in human obesity. Journal of Lipid Research, 2016, 57, 1256-1263.	4.2	14
70	GH administration decreases subcutaneous abdominal adipocyte size in men with abdominal obesity. Growth Hormone and IGF Research, 2017, 35, 17-20.	1.1	14
71	The Effects of a Single Developmentally Entrained Pulse of Testosterone in Female Neonatal Mice on Reproductive and Metabolic Functions in Adult Life. Endocrinology, 2015, 156, 3737-3746.	2.8	13
72	Aortic carboxypeptidase-like protein enhances adipose tissue stromal progenitor differentiation into myofibroblasts and is upregulated in fibrotic white adipose tissue. PLoS ONE, 2018, 13, e0197777.	2.5	13

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73	Lipocalin 2: A â€œSexyâ€•Adipokine that Regulates 17Î²-Estradiol and Obesity. Endocrinology, 2012, 153, 1582-1584.	2.8	12
74	Vitamin D Inhibits Adipokine Production and Inflammatory Signaling Through the Vitamin D Receptor in Human Adipocytes. Obesity, 2021, 29, 562-568.	3.0	12
75	Effect of Dietary Carbohydrate Type on Serum Cardiometabolic Risk Indicators and Adipose Tissue Inflammatory Markers. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3430-3438.	3.6	11
76	Higher Postâ€absorptive Skeletal Muscle LPL Activity in African American vs. Nonâ€Hispanic White Preâ€menopausal Women. Obesity, 2008, 16, 199-201.	3.0	9
77	Adiporedoxin, an upstream regulator of ER oxidative folding and protein secretion in adipocytes. Molecular Metabolism, 2015, 4, 758-770.	6.5	5
78	Dietary arginine supplementation reduces fat mass in dietâ€inducedâ€obese rats by improving glucose and fatty acid metabolism. FASEB Journal, 2007, 21, A328.	0.5	5
79	Adipocyte size redux. Obesity, 2017, 25, 15-15.	3.0	4
80	An AMPK-dependent, non-canonical p53 pathway plays a key role in adipocyte metabolic reprogramming. ELife, 2020, 9, .	6.0	4
81	Adipose tissue's rapid response team. Journal of Leukocyte Biology, 2018, 103, 611-613.	3.3	0
82	Sexâ€Dependent Depot Differences in MMPs and Inflammation of Adipose Tissue Remodeling in Mice. FASEB Journal, 2013, 27, 865.12.	0.5	0
83	Depot differences in gene expression in response to dexamethasone in human adipose tissue. FASEB Journal, 2013, 27, lb321.	0.5	0
84	Liver Fatty Acidâ€Binding Protein (LFABP) Ablation Drives Hyperplastic Expansion of Subcutaneous Adipose Tissue in Male Mice Fed Highâ€Fat Diet. FASEB Journal, 2022, 36, .	0.5	0