

Erin E Kershaw

List of Publications by Year in descending order

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77
papers

11,234
citations

109321

35
h-index

98798

67
g-index

82
all docs

82
docs citations

82
times ranked

16063
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose Tissue as an Endocrine Organ. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2548-2556.	3.6	4,205
2	Adipose Tissue as an Endocrine Organ. <i>Trends in Endocrinology and Metabolism</i> , 2000, 11, 327-332.	7.1	1,238
3	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR- α and PGC-1. <i>Nature Medicine</i> , 2011, 17, 1076-1085.	30.7	612
4	Transcriptional Control of Adipose Lipid Handling by IRF4. <i>Cell Metabolism</i> , 2011, 13, 249-259.	16.2	508
5	Protein-tyrosine Phosphatase 1B Expression Is Induced by Inflammation in Vivo. <i>Journal of Biological Chemistry</i> , 2008, 283, 14230-14241.	3.4	337
6	Adiponutrin Functions as a Nutritionally Regulated Lysophosphatidic Acid Acyltransferase. <i>Cell Metabolism</i> , 2012, 15, 691-702.	16.2	258
7	Cold-Induced Thermogenesis Depends on ATGL-Mediated Lipolysis in Cardiac Muscle, but Not Brown Adipose Tissue. <i>Cell Metabolism</i> , 2017, 26, 753-763.e7.	16.2	242
8	Adipocyte-Specific Glucocorticoid Inactivation Protects Against Diet-Induced Obesity. <i>Diabetes</i> , 2005, 54, 1023-1031.	0.6	235
9	Coupling of lipolysis and de novo lipogenesis in brown, beige, and white adipose tissues during chronic β 3-adrenergic receptor activation. <i>Journal of Lipid Research</i> , 2014, 55, 2276-2286.	4.2	230
10	A thrifty variant in CREBRF strongly influences body mass index in Samoans. <i>Nature Genetics</i> , 2016, 48, 1049-1054.	21.4	201
11	Pnpla3/Adiponutrin deficiency in mice does not contribute to fatty liver disease or metabolic syndrome. <i>Journal of Lipid Research</i> , 2011, 52, 318-329.	4.2	190
12	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. <i>Cell Metabolism</i> , 2017, 26, 509-522.e6.	16.2	185
13	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. <i>Journal of Lipid Research</i> , 2018, 59, 784-794.	4.2	184
14	PPAR α regulates adipose triglyceride lipase in adipocytes in vitro and in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1736-E1745.	3.5	172
15	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	28.9	147
16	Impact of Reduced ATGL-Mediated Adipocyte Lipolysis on Obesity-Associated Insulin Resistance and Inflammation in Male Mice. <i>Endocrinology</i> , 2015, 156, 3610-3624.	2.8	143
17	Adipose triglyceride lipase: function, regulation by insulin, and comparison with adiponutrin. <i>Diabetes</i> , 2006, 55, 148-57.	0.6	141
18	Adipose Triglyceride Lipase Deficiency Causes Tissue-specific Changes in Insulin Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 30218-30229.	3.4	101

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19	Myocardial ATGL Overexpression Decreases the Reliance on Fatty Acid Oxidation and Protects against Pressure Overload-Induced Cardiac Dysfunction. <i>Molecular and Cellular Biology</i> , 2012, 32, 740-750.	2.3	95
20	Phenotype of fatty due to Gln269Pro mutation in the leptin receptor (Lepr). <i>Diabetes</i> , 1996, 45, 1141-1143.	0.6	86
21	Fatty acid oxidation by the osteoblast is required for normal bone acquisition in a sex- and diet-dependent manner. <i>JCI Insight</i> , 2017, 2, .	5.0	84
22	Adipose triglyceride lipase is a TG hydrolase of the small intestine and regulates intestinal PPAR α signaling. <i>Journal of Lipid Research</i> , 2013, 54, 425-435.	4.2	81
23	Myocardial Adipose Triglyceride Lipase Overexpression Protects Diabetic Mice From the Development of Lipotoxic Cardiomyopathy. <i>Diabetes</i> , 2013, 62, 1464-1477.	0.6	78
24	Pancreatic triglyceride lipase mediates lipotoxic systemic inflammation. <i>Journal of Clinical Investigation</i> , 2020, 130, 1931-1947.	8.2	78
25	Regulation of Insulin and Leptin Signaling by Muscle Suppressor of Cytokine Signaling 3 (SOCS3). <i>PLoS ONE</i> , 2012, 7, e47493.	2.5	65
26	Adipose triglyceride lipase acts on neutrophil lipid droplets to regulate substrate availability for lipid mediator synthesis. <i>Journal of Leukocyte Biology</i> , 2015, 98, 837-850.	3.3	64
27	Skeletal Muscle Triacylglycerol Hydrolysis Does Not Influence Metabolic Complications of Obesity. <i>Diabetes</i> , 2013, 62, 3350-3361.	0.6	60
28	Genetic Modifiers of Leprfa Associated with Variability in Insulin Production and Susceptibility to NIDDM. <i>Genomics</i> , 1997, 41, 332-344.	2.9	57
29	Adipose Tissue Quality in Aging: How Structural and Functional Aspects of Adipose Tissue Impact Skeletal Muscle Quality. <i>Nutrients</i> , 2019, 11, 2553.	4.1	55
30	Early structural and metabolic cardiac remodelling in response to inducible adipose triglyceride lipase ablation. <i>Cardiovascular Research</i> , 2013, 99, 442-451.	3.8	52
31	Serum Autotaxin/ENPP2 correlates with insulin resistance in older humans with obesity. <i>Obesity</i> , 2015, 23, 2371-2376.	3.0	52
32	Adipose Tissue Lipolysis Promotes Exercise-induced Cardiac Hypertrophy Involving the Lipokine C16:1n7-Palmitoleate. <i>Journal of Biological Chemistry</i> , 2015, 290, 23603-23615.	3.4	49
33	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. <i>PLoS Genetics</i> , 2018, 14, e1007171.	3.5	42
34	Jak-TGF β 2 cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018, 11, .	3.6	41
35	Fasting-induced G0/G1 switch gene 2 and FGF21 expression in the liver are under regulation of adipose tissue derived fatty acids. <i>Journal of Hepatology</i> , 2015, 63, 437-445.	3.7	40
36	Abnormal lipid processing but normal long-term repopulation potential of myc Δ hepatocytes. <i>Oncotarget</i> , 2016, 7, 30379-30395.	1.8	39

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37	Kidney triglyceride accumulation in the fasted mouse is dependent upon serum free fatty acids. <i>Journal of Lipid Research</i> , 2017, 58, 1132-1142.	4.2	37
38	Serum autotaxin is independently associated with hepatic steatosis in women with severe obesity. <i>Obesity</i> , 2015, 23, 965-972.	3.0	33
39	Adipose triglyceride lipase deletion from adipocytes, but not skeletal myocytes, impairs acute exercise performance in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E879-E890.	3.5	29
40	Autotaxin Is Regulated by Glucose and Insulin in Adipocytes. <i>Endocrinology</i> , 2017, 158, 791-803.	2.8	28
41	Liver X receptor $\hat{\pm}$ mediates hepatic triglyceride accumulation through upregulation of G0/G1 Switch Gene 2 expression. <i>JCI Insight</i> , 2017, 2, e88735.	5.0	28
42	Differential Impact of Weight Loss on Nonalcoholic Fatty Liver Resolution in a North American Cohort with Obesity. <i>Obesity</i> , 2017, 25, 1360-1368.	3.0	27
43	Wnt Pathway Inhibitor DKK1: A Potential Novel Biomarker for Adiposity. <i>Journal of the Endocrine Society</i> , 2019, 3, 488-495.	0.2	22
44	Atglistatin ameliorates functional decline in heart failure via adipocyte-specific inhibition of adipose triglyceride lipase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H879-H884.	3.2	20
45	Inhibition of ATGL in adipose tissue ameliorates isoproterenol-induced cardiac remodeling by reducing adipose tissue inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H432-H446.	3.2	20
46	Pharmacological inhibition of adipose tissue adipose triglyceride lipase by Atglistatin prevents catecholamine-induced myocardial damage. <i>Cardiovascular Research</i> , 2022, 118, 2488-2505.	3.8	20
47	Single-Step qPCR and dPCR Detection of Diverse CRISPR-Cas9 Gene Editing Events <i>in Vivo</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3533-3542.	1.8	19
48	A missense variant in CREBRF, rs373863828, is associated with fat-free mass, not fat mass in Samoan infants. <i>International Journal of Obesity</i> , 2021, 45, 45-55.	3.4	18
49	Molecular Mapping of SSRs for Pgm1 and C8b in the Vicinity of the Rat fatty Locus. <i>Genomics</i> , 1995, 27, 149-154.	2.9	17
50	Manganese [III] Tetrakis [5,10,15,20]-Benzoic Acid Porphyrin Reduces Adiposity and Improves Insulin Action in Mice with Pre-Existing Obesity. <i>PLoS ONE</i> , 2015, 10, e0137388.	2.5	17
51	Effects of supervised and unsupervised physical activity programmes for weight loss. <i>Obesity Science and Practice</i> , 2017, 3, 143-152.	1.9	16
52	The ZJU index is a powerful surrogate marker for NAFLD in severely obese North American women. <i>PLoS ONE</i> , 2019, 14, e0224942.	2.5	16
53	Decreased Mitochondrial Dynamics Is Associated with Insulin Resistance, Metabolic Rate, and Fitness in African Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1210-1220.	3.6	15
54	Exploring the Paradoxical Relationship of a Creb 3 Regulatory Factor Missense Variant With Body Mass Index and Diabetes Among Samoans: Protocol for the Soifua Manuia (Good Health) Observational Cohort Study. <i>JMIR Research Protocols</i> , 2020, 9, e17329.	1.0	13

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55	Perinatal energy stores and excessive fat deposition in genetically obese (fa/fa) rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1996, 270, E700-E708.	3.5	12
56	Adipose tissue-derived free fatty acids initiate myeloid cell accumulation in mouse liver in states of lipid oversupply. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E758-E770.	3.5	12
57	The Rat Corpulent (<i>cp</i>) Mutation Maps to the Same Interval on (<i>Pgm1</i> \leftrightarrow <i>Glut1</i>) Rat Chromosome 5 as the Fatty (<i>fa</i>) Mutation. <i>Obesity</i> , 1997, 5, 142-145.	4.0	11
58	Advanced lipodystrophy reverses fatty liver in mice lacking adipocyte hormone-sensitive lipase. <i>Communications Biology</i> , 2021, 4, 323.	4.4	9
59	Three-Dimensional Adipocyte Culture: The Next Frontier for Adipocyte Biology Discovery. <i>Endocrinology</i> , 2015, 156, 4375-4376.	2.8	6
60	Impact of Hepatic Steatosis on Resting Metabolic Rate and Metabolic Adaptation in Response to Intentional Weight Loss. <i>Hepatology Communications</i> , 2019, 3, 1347-1355.	4.3	6
61	Quantifying the progression of non-alcoholic fatty liver disease in human biomimetic liver microphysiology systems with fluorescent protein biosensors. <i>Experimental Biology and Medicine</i> , 2021, 246, 2420-2441.	2.4	5
62	A murine model of the human CREBRFR457Q obesity-risk variant does not influence energy or glucose homeostasis in response to nutritional stress. <i>PLoS ONE</i> , 2021, 16, e0251895.	2.5	3
63	Symptoms and Dietary Impact in Hypertriglyceridemia-Associated Pancreatitis: Development and Content Validity of Two New Measures. <i>PharmacoEconomics - Open</i> , 2020, 4, 191-201.	1.8	2
64	Body size and composition of Samoan toddlers aged 18–25 months in 2019. <i>Annals of Human Biology</i> , 2021, 48, 346-349.	1.0	2
65	Mechanistic studies of PEG-asparaginase-induced liver injury and hepatic steatosis in mice. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3779-3790.	12.0	2
66	Effect of physical activity in a weight loss program on circulating total ANGPTL8 concentrations in northern Americans with obesity: A prospective randomized controlled trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 1725-1733.	2.6	1
67	Localization of a (CA) _n repeat in glucagon-like peptide-1 receptor gene (<i>Glp1r</i>) to proximal mouse Chromosome 17 and its linkage to other markers. <i>Mammalian Genome</i> , 1995, 6, 301-303.	2.2	0
68	Reduction in circulating triacylglycerols and fatty acids in a diet induced model of obesity improves glucose tolerance yet has no effect on reproductive function. <i>Fertility and Sterility</i> , 2014, 102, e258.	1.0	0
69	Mo1552 Visceral Fat Mass, But Not Skeletal Muscle Mass, is Associated With NAFLD and its Resolution After Intensive Lifestyle Intervention in North American Subjects With Severe Obesity. <i>Gastroenterology</i> , 2016, 150, S1142-S1143.	1.3	0
70	Effects of Supervised and Unsupervised Physical Activity Programs for Weight Loss. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 863.	0.4	0
71	Development And Content Validity Testing Of An Assessment Of Symptoms And Experiences Of Patients With Acute Pancreatitis Associated With Severe Hypertriglyceridemia. <i>Value in Health</i> , 2017, 20, A759.	0.3	0
72	<i>Cr</i> reactive protein in adult Samoans: Population variation and physiological correlates. <i>American Journal of Human Biology</i> , 2022, 34, e23646.	1.6	0

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73	MnTBAP Ameliorates Obesity and Metabolic Dysfunction and Limits the TLR4/MyD88/IRAK1/NF- κ B Inflammatory Pathway in White Adipose Tissue. <i>FASEB Journal</i> , 2015, 29, 818.5.	0.5	0
74	Adipose Triglyceride Lipase Activity in Adipocytes, but Not Skeletal Myocytes, Is Essential for Maintaining Normal Contractile Function in Both Young and Old Mice. <i>FASEB Journal</i> , 2018, 32, 852.7.	0.5	0
75	Wnt Pathway Inhibitor DKK1 Is a Potential Novel Biomarker for Ectopic Skeletal Muscle Adiposity. <i>Diabetes</i> , 2018, 67, 2100-P.	0.6	0
76	Inverse Associations between Circulating SFRP5 and Adiposity among African-Caribbean Men. <i>Diabetes</i> , 2018, 67, 1681-P.	0.6	0
77	2060-P: Serum Wnt Inhibitor DKK1 Is Associated with Adiposity and Insulin Resistance in Nondiabetic North Americans. <i>Diabetes</i> , 2019, 68, .	0.6	0