Erin E Kershaw

List of Publications by Year
in descending order

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77	11,234	109321 35	98798 67
papers	citations	h-index	g-index

82	82	82	16063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmacological inhibition of adipose tissue adipose triglyceride lipase by Atglistatin prevents catecholamine-induced myocardial damage. Cardiovascular Research, 2022, 118, 2488-2505.	3.8	20
2	<scp>Câ€reactive</scp> protein in adult Samoans: Population variation and physiological correlates. American Journal of Human Biology, 2022, 34, e23646.	1.6	0
3	Effect of physical activity in a weight loss program on circulating total ANGPTL8 concentrations in northern Americans with obesity: A prospective randomized controlled trial. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1725-1733.	2.6	1
4	Inhibition of ATGL in adipose tissue ameliorates isoproterenol-induced cardiac remodeling by reducing adipose tissue inflammation. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H432-H446.	3.2	20
5	A missense variant in CREBRF, rs373863828, is associated with fat-free mass, not fat mass in Samoan infants. International Journal of Obesity, 2021, 45, 45-55.	3.4	18
6	Advanced lipodystrophy reverses fatty liver in mice lacking adipocyte hormone-sensitive lipase. Communications Biology, 2021, 4, 323.	4.4	9
7	Body size and composition of Samoan toddlers aged 18â€“25 months in 2019. Annals of Human Biology, 2021, 48, 346-349.	1.0	2
8	Quantifying the progression of non-alcoholic fatty liver disease in human biomimetic liver microphysiology systems with fluorescent protein biosensors. Experimental Biology and Medicine, 2021, 246, 2420-2441.	2.4	5
9	A murine model of the human CREBRFR457Q obesity-risk variant does not influence energy or glucose homeostasis in response to nutritional stress. PLoS ONE, 2021, 16, e0251895.	2.5	3
10	Mechanistic studies of PEG-asparaginase-induced liver injury and hepatic steatosis in mice. Acta Pharmaceutica Sinica B, 2021, 11, 3779-3790.	12.0	2
11	Symptoms and Dietary Impact in Hypertriglyceridemia-Associated Pancreatitis: Development and Content Validity of Two New Measures. PharmacoEconomics - Open, 2020, 4, 191-201.	1.8	2
12	Decreased Mitochondrial Dynamics Is Associated with Insulin Resistance, Metabolic Rate, and Fitness in African Americans. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1210-1220.	3.6	15
13	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. Cell, 2020, 181, 1464-1474.	28.9	147
14	Pancreatic triglyceride lipase mediates lipotoxic systemic inflammation. Journal of Clinical Investigation, 2020, 130, 1931-1947.	8.2	78
15	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. JMIR Research Protocols, 2020, 9, e17329.	1.0	13
16	Impact of Hepatic Steatosis on Resting Metabolic Rate and Metabolic Adaptation in Response to Intentional Weight Loss. Hepatology Communications, 2019, 3, 1347-1355.	4.3	6
17	Adipose Tissue Quality in Aging: How Structural and Functional Aspects of Adipose Tissue Impact Skeletal Muscle Quality. Nutrients, 2019, 11, 2553.	4.1	55
18	Wnt Pathway Inhibitor DKK1: A Potential Novel Biomarker for Adiposity. Journal of the Endocrine Society, 2019, 3, 488-495.	0.2	22

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19	The ZJU index is a powerful surrogate marker for NAFLD in severely obese North American women. PLoS ONE, 2019, 14, e0224942.	2.5	16
20	2060-P: Serum Wnt Inhibitor DKK1 Is Associated with Adiposity and Insulin Resistance in Nondiabetic North Americans. Diabetes, 2019, 68, .	0.6	0
21	Jak-TGFÎ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. Science Signaling, 2018, 11, .	3.6	41
22	Brown adipose tissue whitening leads to brown adipocyte death and adipose tissue inflammation. Journal of Lipid Research, 2018, 59, 784-794.	4.2	184
23	Atglistatin ameliorates functional decline in heart failure via adipocyte-specific inhibition of adipose triglyceride lipase. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H879-H884.	3.2	20
24	Adipose tissue-derived free fatty acids initiate myeloid cell accumulation in mouse liver in states of lipid oversupply. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E758-E770.	3.5	12
25	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. PLoS Genetics, 2018, 14, e1007171.	3.5	42
26	Adipose Triglyceride Lipase Activity in Adipocytes, but Not Skeletal Myocytes, Is Essential for Maintaining Normal Contractile Function in Both Young and Old Mice. FASEB Journal, 2018, 32, 852.7.	0.5	0
27	Wnt Pathway Inhibitor DKK1â€"A Potential Novel Biomarker for Ectopic Skeletal Muscle Adiposity. Diabetes, 2018, 67, 2100-P.	0.6	0
28	Inverse Associations between Circulating SFRP5 and Adiposity among African-Caribbean Men. Diabetes, 2018, 67, 1681-P.	0.6	0
29	Kidney triglyceride accumulation in the fasted mouse is dependent upon serum free fatty acids. Journal of Lipid Research, 2017, 58, 1132-1142.	4.2	37
30	Autotaxin Is Regulated by Glucose and Insulin in Adipocytes. Endocrinology, 2017, 158, 791-803.	2.8	28
31	Differential Impact of Weight Loss on Nonalcoholic Fatty Liver Resolution in a North American Cohort with Obesity. Obesity, 2017, 25, 1360-1368.	3.0	27
32	Effects of supervised and unsupervised physical activity programmes for weight loss. Obesity Science and Practice, 2017, 3, 143-152.	1.9	16
33	Cold-Induced Thermogenesis Depends on ATGL-Mediated Lipolysis in Cardiac Muscle, but Not Brown Adipose Tissue. Cell Metabolism, 2017, 26, 753-763.e7.	16.2	242
34	Single-Step qPCR and dPCR Detection of Diverse CRISPR-Cas9 Gene Editing Events in Vivo. G3: Genes, Genomes, Genetics, 2017, 7, 3533-3542.	1.8	19
35	Global Analysis of Plasma Lipids Identifies Liver-Derived Acylcarnitines as a Fuel Source for Brown Fat Thermogenesis. Cell Metabolism, 2017, 26, 509-522.e6.	16.2	185
36	Effects of Supervised and Unsupervised Physical Activity Programs for Weight Loss. Medicine and Science in Sports and Exercise, 2017, 49, 863.	0.4	0

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37	Development And Content Validity Testing Of An Assessment Of Symptoms And Experiences Of Patients With Acute Pancreattis Associated With Severe Hypertriglyceridemia. Value in Health, 2017, 20, A759.	0.3	0
38	Liver X receptor Î± mediates hepatic triglyceride accumulation through upregulation of G0/G1 Switch Gene 2 expression. JCI Insight, 2017, 2, e88735.	5.0	28
39	Fatty acid oxidation by the osteoblast is required for normal bone acquisition in a sex- and diet-dependent manner. JCI Insight, 2017, 2, .	5.0	84
40	A thrifty variant in CREBRF strongly influences body mass index in Samoans. Nature Genetics, 2016, 48, 1049-1054.	21.4	201
41	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. Gastroenterology, 2016, 150, S1142-S1143.	1.3	0
42	Abnormal lipid processing but normal long-term repopulation potential of mycâ˜†/âˆ’ hepatocytes. Oncotarget, 2016, 7, 30379-30395.	1.8	39
43	Serum autotaxin is independently associated with hepatic steatosis in women with severe obesity. Obesity, 2015, 23, 965-972.	3.0	33
44	Serum Autotaxin/<scp>ENPP</scp>2 correlates with insulin resistance in older humans with obesity. Obesity, 2015, 23, 2371-2376.	3.0	52
45	Adipose triglyceride lipase acts on neutrophil lipid droplets to regulate substrate availability for lipid mediator synthesis. Journal of Leukocyte Biology, 2015, 98, 837-850.	3.3	64
46	Three-Dimensional Adipocyte Culture: The Next Frontier for Adipocyte Biology Discovery. Endocrinology, 2015, 156, 4375-4376.	2.8	6
47	Impact of Reduced ATGL-Mediated Adipocyte Lipolysis on Obesity-Associated Insulin Resistance and Inflammation in Male Mice. Endocrinology, 2015, 156, 3610-3624.	2.8	143
48	Fasting-induced G0/G1 switch gene 2 and FGF21 expression in the liver are under regulation of adipose tissue derived fatty acids. Journal of Hepatology, 2015, 63, 437-445.	3.7	40
49	Adipose triglyceride lipase deletion from adipocytes, but not skeletal myocytes, impairs acute exercise performance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E879-E890.	3.5	29
50	Adipose Tissue Lipolysis Promotes Exercise-induced Cardiac Hypertrophy Involving the Lipokine C16:1n7-Palmitoleate. Journal of Biological Chemistry, 2015, 290, 23603-23615.	3.4	49
51	Manganese [III] Tetrakis [5,10,15,20]-Benzoic Acid Porphyrin Reduces Adiposity and Improves Insulin Action in Mice with Pre-Existing Obesity. PLoS ONE, 2015, 10, e0137388.	2.5	17
52	MnTBAP Ameliorates Obesity and Metabolic Dysfunction and Limits the TFâ€PAR2 Proâ€inflammatory Pathway in White Adipose Tissue. FASEB Journal, 2015, 29, 818.5.	0.5	0
53	Coupling of lipolysis and de novo lipogenesis in brown, beige, and white adipose tissues during chronic Î²3-adrenergic receptor activation. Journal of Lipid Research, 2014, 55, 2276-2286.	4.2	230
54	Reduction in circulating triacylglycerols and fatty acids in a diet induced model of obesity improves glucose tolerance yet has no effect on reproductive function. Fertility and Sterility, 2014, 102, e258.	1.0	0

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55	Skeletal Muscle Triacylglycerol Hydrolysis Does Not Influence Metabolic Complications of Obesity. Diabetes, 2013, 62, 3350-3361.	0.6	60
56	Early structural and metabolic cardiac remodelling in response to inducible adipose triglyceride lipase ablation. Cardiovascular Research, 2013, 99, 442-451.	3.8	52
57	Myocardial Adipose Triglyceride Lipase Overexpression Protects Diabetic Mice From the Development of Lipotoxic Cardiomyopathy. Diabetes, 2013, 62, 1464-1477.	0.6	78
58	Adipose triglyceride lipase is a TG hydrolase of the small intestine and regulates intestinal PPARÎ± signaling. Journal of Lipid Research, 2013, 54, 425-435.	4.2	81
59	Myocardial ATGL Overexpression Decreases the Reliance on Fatty Acid Oxidation and Protects against Pressure Overload-Induced Cardiac Dysfunction. Molecular and Cellular Biology, 2012, 32, 740-750.	2.3	95
60	Adiponutrin Functions as a Nutritionally Regulated Lysophosphatidic Acid Acyltransferase. Cell Metabolism, 2012, 15, 691-702.	16.2	258
61	Regulation of Insulin and Leptin Signaling by Muscle Suppressor of Cytokine Signaling 3 (SOCS3). PLoS ONE, 2012, 7, e47493.	2.5	65
62	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR-Î± and PGC-1. Nature Medicine, 2011, 17, 1076-1085.	30.7	612
63	Transcriptional Control of Adipose Lipid Handling by IRF4. Cell Metabolism, 2011, 13, 249-259.	16.2	508
64	Pnpla3/Adiponutrin deficiency in mice does not contribute to fatty liver disease or metabolic syndrome. Journal of Lipid Research, 2011, 52, 318-329.	4.2	190
65	Adipose Triglyceride Lipase Deficiency Causes Tissue-specific Changes in Insulin Signaling. Journal of Biological Chemistry, 2009, 284, 30218-30229.	3.4	101
66	Protein-tyrosine Phosphatase 1B Expression Is Induced by Inflammation in Vivo. Journal of Biological Chemistry, 2008, 283, 14230-14241.	3.4	337
67	PPARÎ³ regulates adipose triglyceride lipase in adipocytes in vitro and in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1736-E1745.	3.5	172
68	Adipose triglyceride lipase: function, regulation by insulin, and comparison with adiponutrin. Diabetes, 2006, 55, 148-57.	0.6	141
69	Adipocyte-Specific Glucocorticoid Inactivation Protects Against Diet-Induced Obesity. Diabetes, 2005, 54, 1023-1031.	0.6	235
70	Adipose Tissue as an Endocrine Organ. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2548-2556.	3.6	4,205
71	Adipose Tissue as an Endocrine Organ. Trends in Endocrinology and Metabolism, 2000, 11, 327-332.	7.1	1,238
72	The Rat Corpulent (cp) Mutation Maps to the Same Interval on (Pgm1â€Glut1) Rat Chromosome 5 as the Fatty (fa) Mutation. Obesity, 1997, 5, 142-145.	4.0	11

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73	Genetic Modifiers ofLeprfaAssociated with Variability in Insulin Production and Susceptibility to NIDDM. Genomics, 1997, 41, 332-344.	2.9	57
74	Perinatal energy stores and excessive fat deposition in genetically obese (fa/fa) rats. American Journal of Physiology - Endocrinology and Metabolism, 1996, 270, E700-E708.	3.5	12
75	Phenotype of fatty due to Gln269Pro mutation in the leptin receptor (Lepr). Diabetes, 1996, 45, 1141-1143.	0.6	86
76	Localization of a (CA)n repeat in glucagon-like peptide-1 receptor gene (Glp1r) to proximal mouse Chromosome 17 and its linkage to other markers. Mammalian Genome, 1995, 6, 301-303.	2.2	0
77	Molecular Mapping of SSRs for Pgm1 and C8b in the Vicinity of the Rat fatty Locus. Genomics, 1995, 27, 149-154.	2.9	17