

Jonathan M Peterson

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,147
citations

279798

23
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

2321
citing authors

#	ARTICLE	IF	CITATIONS
1	Myonectin (CTRP15), a Novel Myokine That Links Skeletal Muscle to Systemic Lipid Homeostasis. <i>Journal of Biological Chemistry</i> , 2012, 287, 11968-11980.	3.4	294
2	C1q/TNF-related Protein-3 (CTRP3), a Novel Adipokine That Regulates Hepatic Glucose Output. <i>Journal of Biological Chemistry</i> , 2010, 285, 39691-39701.	3.4	210
3	C1q/TNF-Related Proteins, A Family of Novel Adipokines, Induce Vascular Relaxation Through the Adiponectin Receptor-1/AMPK/eNOS/Nitric Oxide Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2616-2623.	2.4	177
4	CTRP1 Protein Enhances Fatty Acid Oxidation via AMP-activated Protein Kinase (AMPK) Activation and Acetyl-CoA Carboxylase (ACC) Inhibition. <i>Journal of Biological Chemistry</i> , 2012, 287, 1576-1587.	3.4	136
5	C1q/TNF-related Protein-12 (CTRP12), a Novel Adipokine That Improves Insulin Sensitivity and Glycemic Control in Mouse Models of Obesity and Diabetes. <i>Journal of Biological Chemistry</i> , 2012, 287, 10301-10315.	3.4	128
6	Metabolic Regulation by C1q/TNF-related Protein-13 (CTRP13). <i>Journal of Biological Chemistry</i> , 2011, 286, 15652-15665.	3.4	113
7	CTRP9 transgenic mice are protected from diet-induced obesity and metabolic dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R522-R533.	1.8	106
8	CTRP3 attenuates diet-induced hepatic steatosis by regulating triglyceride metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G214-G224.	3.4	105
9	Mammalian Otolin: A Multimeric Glycoprotein Specific to the Inner Ear that Interacts with Otoconial Matrix Protein Otoconin-90 and Cerebellin-1. <i>PLoS ONE</i> , 2010, 5, e12765.	2.5	91
10	Exercise training blunts microvascular rarefaction in the metabolic syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H2483-H2492.	3.2	78
11	C1q/TNF-Related Protein 3 (CTRP3) Function and Regulation. , 2017, 7, 863-878.		78
12	Satellite cell proliferation is reduced in muscles of obese Zucker rats but restored with loading. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C521-C528.	4.6	63
13	C1q/Tumor Necrosis Factor-related Protein 11 (CTRP11), a Novel Adipose Stroma-derived Regulator of Adipogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 10214-10229.	3.4	61
14	Mitochondrial apoptotic signaling is elevated in cardiac but not skeletal muscle in the obese Zucker rat and is reduced with aerobic exercise. <i>Journal of Applied Physiology</i> , 2008, 105, 1934-1943.	2.5	51
15	CTRP8 and CTRP9B are novel proteins that hetero-oligomerize with C1q/TNF family members. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 360-365.	2.1	50
16	Effect of obesity and exercise on the expression of the novel myokines, Myonectin and Fibronectin type III domain containing 5. <i>PeerJ</i> , 2014, 2, e605.	2.0	46
17	Immunomodulatory roles of CTRP3 in endotoxemia and metabolic stress. <i>Physiological Reports</i> , 2016, 4, e12735.	1.7	38
18	Bax signaling regulates palmitate-mediated apoptosis in C ₂ C ₁₂ myotubes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1307-E1314.	3.5	37

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19	Pharmacological glycerol-3-phosphate acyltransferase inhibition decreases food intake and adiposity and increases insulin sensitivity in diet-induced obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R116-R130.	1.8	36
20	CTRP2 Overexpression Improves Insulin and Lipid Tolerance in Diet-Induced Obese Mice. <i>PLoS ONE</i> , 2014, 9, e88535.	2.5	36
21	Estrogen-related receptor β^2 deletion modulates whole-body energy balance via estrogen-related receptor β^3 and attenuates neuropeptide Y gene expression. <i>European Journal of Neuroscience</i> , 2013, 37, 1033-1047.	2.6	29
22	Divergent relationship of circulating CTRP3 levels between obesity and gender: a cross-sectional study. <i>PeerJ</i> , 2016, 4, e2573.	2.0	28
23	Regulation of Lipid Metabolism by Dicer Revealed through SILAC Mice. <i>Journal of Proteome Research</i> , 2012, 11, 2193-2205.	3.7	26
24	Identification of Putative Receptors for the Novel Adipokine CTRP3 Using Ligand-Receptor Capture Technology. <i>PLoS ONE</i> , 2016, 11, e0164593.	2.5	26
25	Exogenous ubiquitin reduces inflammatory response and preserves myocardial function 3 days post-ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H617-H628.	3.2	21
26	Muscle regulates mTOR dependent axonal local translation in motor neurons via CTRP3 secretion: implications for a neuromuscular disorder, spinal muscular atrophy. <i>Acta Neuropathologica Communications</i> , 2019, 7, 154.	5.2	18
27	Transgenic overexpression of CTRP3 prevents alcohol-induced hepatic triglyceride accumulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E949-E960.	3.5	12
28	Effects of Exercise and Obesity on UCP3 Content in Rat Hindlimb Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1616-1622.	0.4	11
29	Circulating levels of CTRP3 in patients with type 2 diabetes mellitus compared to controls: A systematic review and meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108453.	2.8	11
30	The sex specific effect of alcohol consumption on circulating levels of CTRP3. <i>PLoS ONE</i> , 2018, 13, e0207011.	2.5	8
31	The adipokine C1q TNF related protein 3 (CTRP3) is elevated in the breast milk of obese mothers. <i>PeerJ</i> , 2018, 6, e4472.	2.0	8
32	High-fat diet induces fibrosis in mice lacking CYP2A5 and PPAR α : a new model for steatohepatitis-associated fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G626-G635.	3.4	6
33	CTRP3 and serum triglycerides in children aged 7-10 years. <i>PLoS ONE</i> , 2020, 15, e0241813.	2.5	4
34	The influence of maternal body mass index and physical activity on select cardiovascular risk factors of preadolescent Hispanic children. <i>PeerJ</i> , 2018, 6, e6100.	2.0	3
35	High molecular weight, but not total, CTRP3 levels are associated with serum triglyceride levels. <i>Physiological Reports</i> , 2019, 7, e14306.	1.7	1
36	TNF- α Associated Death Receptor Signaling in Aged Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S62.	0.4	1

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37	Voluntary Resistance Exercise Training With Obese and Lean Zucker Rats. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S189.	0.4	0
38	Influence of myogenic regulatory factors on muscle mass of obese zucker rats. <i>FASEB Journal</i> , 2006, 20, A1171.	0.5	0
39	Deficiency of the Bax gene attenuates denervation-induced muscle wasting. <i>FASEB Journal</i> , 2006, 20, A390.	0.5	0
40	Smaller Muscle Mass in Obese Zucker Rats is not caused by Mitochondrial-Associated Apoptosis in Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S282.	0.4	0
41	The Effects of Obesity and Exercise on Myogenic Regulatory Factors. <i>FASEB Journal</i> , 2007, 21, A830.	0.5	0
42	The Effect of Treadmill Exercising Obese versus Lean Young Male Zucker Rats on Bone Mineral Content and Strength. <i>FASEB Journal</i> , 2007, 21, A454.	0.5	0
43	Palmitic Acid Treatment Decreases C2C12 Myoblasts Proliferation Rates through a G2 cell cycle shift. <i>FASEB Journal</i> , 2008, 22, 958.10.	0.5	0
44	Compensatory Loading of the Obese Zucker Rat. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S240.	0.4	0
45	Effect of Sepsis on Circulating CTRP3 Levels. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
46	Comparison of academic performance in undergraduate Anatomy and Physiology using in-person versus asynchronous online laboratory instruction. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
47	Transgenic overexpression of CTRP3 does not prevent alcohol induced hepatic steatosis in female mice. <i>PLoS ONE</i> , 2022, 17, e0258557.	2.5	0
48	CTRP3 and serum triglycerides in children aged 7-10 years. , 2020, 15, e0241813.		0
49	CTRP3 and serum triglycerides in children aged 7-10 years. , 2020, 15, e0241813.		0
50	CTRP3 and serum triglycerides in children aged 7-10 years. , 2020, 15, e0241813.		0
51	CTRP3 and serum triglycerides in children aged 7-10 years. , 2020, 15, e0241813.		0