

Heidi K Ortmeyer

List of Publications by Year in descending order

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40
papers

1,402
citations

430874

18
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Low Urinary D-Chiro-Inositol Excretion in Non-Insulin-Dependent Diabetes Mellitus. <i>New England Journal of Medicine</i> , 1990, 323, 373-378.	27.0	222
2	Mortality and Morbidity in Laboratory-maintained Rhesus Monkeys and Effects of Long-term Dietary Restriction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, B212-B219.	3.6	202
3	Long-Term Dietary Restriction in Older-Aged Rhesus Monkeys: Effects on Insulin Resistance. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1995, 50A, B142-B147.	3.6	109
4	Effects of Aerobic and Resistive Exercise Training on Glucose Disposal and Skeletal Muscle Metabolism in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 480-487.	3.6	107
5	Increased Skeletal Muscle Capillarization Independently Enhances Insulin Sensitivity in Older Adults After Exercise Training and Detraining. <i>Diabetes</i> , 2015, 64, 3386-3395.	0.6	82
6	Skeletal Muscle Insulin Resistance in Obesity-Associated Type 2 Diabetes in Monkeys Is Linked to a Defect in Insulin Activation of Protein Kinase C- β . <i>Diabetes</i> , 2002, 51, 2936-2943.	0.6	74
7	Exercise with calorie restriction improves insulin sensitivity and glycogen synthase activity in obese postmenopausal women with impaired glucose tolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E145-E152.	3.5	69
8	Prevention of Obesity in Middle-Aged Monkeys: Food Intake During Body Weight Clamp. <i>Obesity</i> , 1995, 3, 199s-204s.	4.0	46
9	Dietary Myoinositol Results in Lower Urine Glucose and in Lower Postprandial Plasma Glucose in Obese Insulin Resistant Rhesus Monkeys.. <i>Obesity</i> , 1996, 4, 569-575.	4.0	44
10	Regulation of obese (ob) mRNA and Plasma Leptin Levels in Rhesus Monkeys. <i>Journal of Biological Chemistry</i> , 1996, 271, 25327-25331.	3.4	42
11	Exercise training and calorie restriction increase SREBP-1 expression and intramuscular triglyceride in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E90-E98.	3.5	41
12	Effects of D-Chiroinositol Added to a Meal on Plasma Glucose and Insulin in Hyperinsulinemic Rhesus Monkeys. <i>Obesity</i> , 1995, 3, 605S-608S.	4.0	39
13	Resistance training reduces inflammation and fatigue and improves physical function in older breast cancer survivors. <i>Menopause</i> , 2018, 25, 211-216.	2.0	35
14	Chronic Calorie Restriction Alters Glycogen Metabolism in Rhesus Monkeys. <i>Obesity</i> , 1994, 2, 549-555.	4.0	26
15	In vivo D-chiroinositol activates skeletal muscle glycogen synthase and inactivates glycogen phosphorylase in rhesus monkeys. <i>Journal of Nutritional Biochemistry</i> , 1995, 6, 499-503.	4.2	25
16	Leptin Augments the Acute Suppressive Effects of Insulin on Hepatic Very Low-Density Lipoprotein Production in Rats. <i>Endocrinology</i> , 2009, 150, 2169-2174.	2.8	23
17	Skeletal muscle cellular metabolism in older HIV-infected men. <i>Physiological Reports</i> , 2016, 4, e12794.	1.7	22
18	Combining Actigraph Link and PetPace Collar Data to Measure Activity, Proximity, and Physiological Responses in Freely Moving Dogs in a Natural Environment. <i>Animals</i> , 2018, 8, 230.	2.3	20

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19	Aerobic Exercise Plus Weight Loss Improves Insulin Sensitivity and Increases Skeletal Muscle Glycogen Synthase Activity in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 790-798.	3.6	19
20	A Thiazolidinedione Improves In Vivo Insulin Action on Skeletal Muscle Glycogen Synthase in Insulin-Resistant Monkeys. <i>International Journal of Experimental Diabetes Research</i> , 2000, 1, 195-202.	1.1	14
21	Prostaglandylinositol cyclic phosphate (cPIP): a novel second messenger of insulin action. Comparative analysis of two kinds of ?insulin mediators?. <i>Diabetes/Metabolism Research and Reviews</i> , 2001, 17, 273-284.	4.0	14
22	Insulin Signaling and Insulin Sensitizing in Muscle and Liver of Obese Monkeys: Peroxisome Proliferator-Activated Receptor Gamma Agonist Improves Defective Activation of Atypical Protein Kinase C. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 207-219.	5.4	13
23	Exercise with weight loss improves adipose tissue and skeletal muscle markers of fatty acid metabolism in postmenopausal women. <i>Obesity</i> , 2017, 25, 1246-1253.	3.0	13
24	In Vivo Insulin Regulation of Skeletal Muscle Glycogen Synthase in Calorie-Restricted and in Ad Libitum Fed Rhesus Monkeys. <i>Journal of Nutrition</i> , 2001, 131, 907S-912S.	2.9	12
25	Elevated plasma cell membrane glycoprotein levels and diminished insulin receptor autophosphorylation in obese, insulin-resistant rhesus monkeys. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 465-470.	3.4	12
26	Monkey Leptin Receptor mRNA: Sequence, Tissue Distribution, and mRNA Expression in the Adipose Tissue of Normal, Hyperinsulinemic, and Type 2 Diabetic Rhesus Monkeys. <i>Obesity</i> , 1998, 6, 353-360.	4.0	11
27	Skeletal muscle glycogen synthase subcellular localization: effects of insulin and PPAR- α agonist (K-111) administration in rhesus monkeys. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1509-R1517.	1.8	11
28	Insulin Unexpectedly Increases the Glucose 6-Phosphate Ka of Skeletal Muscle Glycogen Synthase in Calorie-Restricted Monkeys. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 1998, 9, 309-23.	1.3	10
29	Lack of defect in insulin action on hepatic glycogen synthase and phosphorylase in insulin-resistant monkeys. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G1005-G1010.	3.4	10
30	Effects of Proximity between Companion Dogs and Their Caregivers on Heart Rate Variability Measures in Older Adults: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2674.	2.6	9
31	Insulin suppression of fatty acid skeletal muscle enzyme activity in postmenopausal women, and improvements in metabolic flexibility and lipoprotein lipase with aerobic exercise and weight loss. <i>International Journal of Obesity</i> , 2019, 43, 276-284.	3.4	7
32	Companion Dog Foster Caregiver Program for Older Veterans at the VA Maryland Health Care System: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4285.	2.6	6
33	Paradoxical Phosphorylation of Skeletal Muscle Glycogen Synthase by in Vivo Insulin in Very Lean Young Adult Rhesus Monkeys. <i>Annals of the New York Academy of Sciences</i> , 1999, 892, 247-260.	3.8	4
34	Inositolsâ€™ Potential roles in insulin action and in diabetes: Evidence from insulin-resistant nonhuman primates. , 1996, , 333-348.		3
35	A Comment on the Comment: Relevance of Nonhuman Primate Dietary Restriction to Aging in Humans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 951-952.	3.6	2
36	Insulin Resistance in Skeletal Muscle. <i>Frontiers in Animal Diabetes Research</i> , 2002, , 285-295.	0.2	2

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37	Response to Comment on Prior et al. Increased Skeletal Muscle Capillarization Independently Enhances Insulin Sensitivity in Older Adults After Exercise Training and Detraining. <i>Diabetes</i> 2015;64:3386-3395. <i>Diabetes</i> , 2016, 65, e13-e14.	0.6	1
38	Insulin Resistance in Skeletal Muscle of Chronic Stroke. <i>Brain Sciences</i> , 2021, 11, 20.	2.3	1
39	Authors' Response to Commentary on "Age-Related Adipose Tissue mRNA Expression of ADD1/SREBP1, PPAR α , Lipoprotein Lipase and GLUT4 Glucose Transporter in Rhesus Monkeys". <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1999, 54, B191-B191.	3.6	0
40	Mitochondrial Acyl-CoA synthase activity is related to intramyocellular triglyceride and oxidative capacity in lean and obese rhesus monkeys. <i>FASEB Journal</i> , 2008, 22, 948.10.	0.5	0