

Kylie Kavanagh

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,408
citations

236925

25
h-index

214800

47
g-index

64
all docs

64
docs citations

64
times ranked

3824
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome and aging: Physiological and mechanistic insights. <i>Nutrition and Healthy Aging</i> , 2018, 4, 267-285.	1.1	438
2	Trans Fat Diet Induces Abdominal Obesity and Changes in Insulin Sensitivity in Monkeys. <i>Obesity</i> , 2007, 15, 1675-1684.	3.0	180
3	Old World Nonhuman Primate Models of Type 2 Diabetes Mellitus. <i>ILAR Journal</i> , 2006, 47, 259-271.	1.8	151
4	A human-origin probiotic cocktail ameliorates aging-related leaky gut and inflammation via modulating the microbiota/taurine/tight junction axis. <i>JCI Insight</i> , 2020, 5, .	5.0	122
5	Lipoteichoic acid from the cell wall of a heat killed <i>Lactobacillus paracasei</i> D3-5 ameliorates aging-related leaky gut, inflammation and improves physical and cognitive functions: from <i>C. elegans</i> to mice. <i>GeroScience</i> , 2020, 42, 333-352.	4.6	111
6	Characterization and Heritability of Obesity and Associated Risk Factors in Vervet Monkeys. <i>Obesity</i> , 2007, 15, 1666-1674.	3.0	102
7	Dietary fructose induces endotoxemia and hepatic injury in calorically controlled primates. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 349-357.	4.7	91
8	The importance of the cellular stress response in the pathogenesis and treatment of type 2 diabetes. <i>Cell Stress and Chaperones</i> , 2014, 19, 447-464.	2.9	91
9	Beyond Just Bacteria: Functional Biomes in the Gut Ecosystem Including Virome, Mycobiome, Archaeome and Helminths. <i>Microorganisms</i> , 2020, 8, 483.	3.6	86
10	Restoring HSP70 deficiencies improves glucose tolerance in diabetic monkeys. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E894-E901.	3.5	68
11	Reduced intestinal motility, mucosal barrier function, and inflammation in aged monkeys. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 354-361.	3.3	65
12	Muscle Heat Shock Protein 70 Predicts Insulin Resistance With Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 155-162.	3.6	48
13	Copper Is a Host Effector Mobilized to Urine during Urinary Tract Infection To Impair Bacterial Colonization. <i>Infection and Immunity</i> , 2017, 85, .	2.2	48
14	17 β -Estradiol late in life extends lifespan in aging UM \times HET3 male mice; nicotinamide riboside and three other drugs do not affect lifespan in either sex. <i>Aging Cell</i> , 2021, 20, e13328.	6.7	48
15	Late Effects of Total-Body Gamma Irradiation on Cardiac Structure and Function in Male Rhesus Macaques. <i>Radiation Research</i> , 2016, 186, 55-64.	1.5	42
16	Adipose Tissue Macrophage Polarization in Healthy and Unhealthy Obesity. <i>Frontiers in Nutrition</i> , 2021, 8, 625331.	3.7	42
17	Significant Genotype by Diet (G \times D) Interaction Effects on Cardiometabolic Responses to a Pedigree \times Wide, Dietary Challenge in Vervet Monkeys (<i>Chlorocebus aethiops sabaeus</i>). <i>American Journal of Primatology</i> , 2013, 75, 491-499.	1.7	40
18	Type-2 Diabetes as a Risk Factor for Severe COVID-19 Infection. <i>Microorganisms</i> , 2021, 9, 1211.	3.6	38

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19	Estrogen Decreases Atherosclerosis in Part by Reducing Hepatic Acyl-CoA:Cholesterol Acyltransferase 2 (ACAT2) in Monkeys. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1471-1477.	2.4	36
20	Fatty liver promotes fibrosis in monkeys consuming high fructose. <i>Obesity</i> , 2017, 25, 290-293.	3.0	36
21	Greater Microbial Translocation and Vulnerability to Metabolic Disease in Healthy Aged Female Monkeys. <i>Scientific Reports</i> , 2018, 8, 11373.	3.3	36
22	Ongoing β -Cell Turnover in Adult Nonhuman Primates Is Not Adaptively Increased in Streptozotocin-Induced Diabetes. <i>Diabetes</i> , 2011, 60, 848-856.	0.6	35
23	Dietary Cholesterol Promotes Adipocyte Hypertrophy and Adipose Tissue Inflammation in Visceral, but Not in Subcutaneous, Fat in Monkeys. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1880-1887.	2.4	35
24	Liver fat and SHBG affect insulin resistance in midlife women: The Study of Women's Health Across the Nation (SWAN). <i>Obesity</i> , 2013, 21, 1031-1038.	3.0	32
25	Biomarkers of leaky gut are related to inflammation and reduced physical function in older adults with cardiometabolic disease and mobility limitations. <i>GeroScience</i> , 2019, 41, 923-933.	4.6	32
26	Type 2 Diabetes is a Delayed Late Effect of Whole-Body Irradiation in Nonhuman Primates. <i>Radiation Research</i> , 2015, 183, 398-406.	1.5	25
27	Neonatal and fetal exposure to trans-fatty acids retards early growth and adiposity while adversely affecting glucose in mice. <i>Nutrition Research</i> , 2010, 30, 418-426.	2.9	23
28	Inducing Muscle Heat Shock Protein 70 Improves Insulin Sensitivity and Muscular Performance in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 800-808.	3.6	20
29	Ageing Does Not Reduce Heat Shock Protein 70 in the Absence of Chronic Insulin Resistance. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 1014-1021.	3.6	19
30	Effects of heated hydrotherapy on muscle HSP70 and glucose metabolism in old and young vervet monkeys. <i>Cell Stress and Chaperones</i> , 2016, 21, 717-725.	2.9	19
31	Regulators of mitochondrial quality control differ in subcutaneous fat of metabolically healthy and unhealthy obese monkeys. <i>Obesity</i> , 2017, 25, 689-696.	3.0	18
32	Whole Body Irradiation Induces Diabetes and Adipose Insulin Resistance in Nonhuman Primates. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 878-886.	0.8	18
33	Epigenetic clock and methylation studies in vervet monkeys. <i>GeroScience</i> , 2022, 44, 699-717.	4.6	18
34	Proteomics in non-human primates: utilizing RNA-Seq data to improve protein identification by mass spectrometry in vervet monkeys. <i>BMC Genomics</i> , 2017, 18, 877.	2.8	17
35	Type-2-Diabetes Alters CSF but Not Plasma Metabolomic and AD Risk Profiles in Vervet Monkeys. <i>Frontiers in Neuroscience</i> , 2019, 13, 843.	2.8	17
36	Microbial translocation and skeletal muscle in young and old vervet monkeys. <i>Age</i> , 2016, 38, 58.	3.0	16

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37	Aging-related Alzheimer's disease-like neuropathology and functional decline in captive vervet monkeys (<i>Chlorocebus aethiops sabaeus</i>). <i>American Journal of Primatology</i> , 2021, 83, e23260.	1.7	16
38	High isoflavone soy diet increases insulin secretion without decreasing insulin sensitivity in premenopausal nonhuman primates. <i>Nutrition Research</i> , 2008, 28, 368-376.	2.9	15
39	Fluid compartmental shifts with efficacious pioglitazone therapy in overweight monkeys: implications for peroxisome proliferator-activated receptor- α agonist use in prediabetes. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 914-920.	3.4	15
40	Characterization and validation of a streptozotocin-induced diabetes model in the vervet monkey. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 63, 296-303.	0.7	11
41	Alfalfa-derived HSP70 administered intranasally improves insulin sensitivity in mice. <i>Cell Stress and Chaperones</i> , 2018, 23, 189-194.	2.9	11
42	Biomarkers of senescence in non-human primate adipose depots relate to aging. <i>GeroScience</i> , 2021, 43, 343-352.	4.6	8
43	Hypertension promotes microbial translocation and dysbiotic shifts in the fecal microbiome of nonhuman primates. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H474-H485.	3.2	8
44	A Low Iron Diet Protects from Steatohepatitis in a Mouse Model. <i>Nutrients</i> , 2019, 11, 2172.	4.1	7
45	Age-Related Colonic Mucosal Microbiome Community Shifts in Monkeys. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1906-1914.	3.6	7
46	Advanced maternal age impacts physiologic adaptations to pregnancy in vervet monkeys. <i>GeroScience</i> , 2020, 42, 1649-1661.	4.6	7
47	Integrated omics analysis reveals sirtuin signaling is central to hepatic response to a high fructose diet. <i>BMC Genomics</i> , 2021, 22, 870.	2.8	7
48	Peanut applied to the skin of nonhuman primates induces antigen-specific IgG but not IgE. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 211-215.	2.7	5
49	Skeletal muscle extracellular matrix remodeling with worsening glycemic control in nonhuman primates. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R226-R235.	1.8	5
50	Transcriptomic Analysis of Cell-free Fetal RNA in the Amniotic Fluid of Vervet Monkeys (<i>Chlorocebus</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.0	4
51	<i>Lactobacillus acidophilus</i> DDS-1 Modulates the Gut Microbial Co-Occurrence Networks in Aging Mice. <i>Nutrients</i> , 2022, 14, 977.	4.1	3
52	Circulating S-glutathionylated cMyBP as a Biomarker for Cardiac Diastolic Dysfunction. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	2
53	Microbial translocation into amniotic fluid of vervet monkeys is common and unrelated to adverse infant outcomes. <i>Journal of Medical Primatology</i> , 2019, 48, 367-369.	0.6	1
54	EARLY TIME RESTRICTED FEEDING IMPROVES HIGH DENSITY LIPOPROTEIN FUNCTION IN GERIATRIC MONKEYS. <i>Innovation in Aging</i> , 2019, 3, S104-S104.	0.1	1

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55	Reply to JS White. American Journal of Clinical Nutrition, 2013, 98, 1370.	4.7	0
56	Reply to KN Litwak and S Levin. American Journal of Clinical Nutrition, 2014, 99, 210.	4.7	0
57	Biophysical regulation of thermodynamic effects on type 2 diabetes. AIP Conference Proceedings, 2019, , .	0.4	0
58	Both Vitamin D Supplementation and HIIT Boost Muscle VDR Expression, Which May Underlie Benefits for Frailty. Innovation in Aging, 2021, 5, 681-682.	0.1	0
59	Abstract 12139: Substance P Replacement Reduces Cardiac Fibrosis in Monkeys With Type 2 Diabetes. Circulation, 2021, 144, .	1.6	0