

Victoria J Vieira-Potter

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,221
citations

257450

24
h-index

233421

45
g-index

69
all docs

69
docs citations

69
times ranked

4025
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurobiological markers of exercise-related brain plasticity in older adults. <i>Brain, Behavior, and Immunity</i> , 2013, 28, 90-99.	4.1	333
2	BDNF mediates improvements in executive function following a 1-year exercise intervention. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 985.	2.0	214
3	Divergent phenotype of rat thoracic and abdominal perivascular adipose tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R543-R552.	1.8	129
4	Inflammation and macrophage modulation in adipose tissues. <i>Cellular Microbiology</i> , 2014, 16, 1484-1492.	2.1	125
5	Ocular Complications of Diabetes and Therapeutic Approaches. <i>BioMed Research International</i> , 2016, 2016, 1-14.	1.9	104
6	Comparison of Diet versus Exercise on Metabolic Function and Gut Microbiota in Obese Rats. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1688-1698.	0.4	97
7	Adipose Tissue Inflammation and Reduced Insulin Sensitivity in Ovariectomized Mice Occurs in the Absence of Increased Adiposity. <i>Endocrinology</i> , 2012, 153, 4266-4277.	2.8	85
8	Sex Hormones and Cardiometabolic Health: Role of Estrogen and Estrogen Receptors. <i>Endocrinology</i> , 2017, 158, 1095-1105.	2.8	85
9	Physical Activity Differentially Affects the Cecal Microbiota of Ovariectomized Female Rats Selectively Bred for High and Low Aerobic Capacity. <i>PLoS ONE</i> , 2015, 10, e0136150.	2.5	64
10	High-Fat Diet Alters Serum Fatty Acid Profiles in Obesity Prone Rats: Implications for <i>In Vitro</i> Studies. <i>Lipids</i> , 2015, 50, 997-1008.	1.7	50
11	Loss of UCP1 exacerbates Western diet-induced glycemic dysregulation independent of changes in body weight in female mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R74-R84.	1.8	50
12	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , 2016, 594, 5271-5284.	2.9	45
13	Female rats selectively bred for high intrinsic aerobic fitness are protected from ovariectomy-associated metabolic dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R530-R542.	1.8	44
14	Soy Improves Cardiometabolic Health and Cecal Microbiota in Female Low-Fit Rats. <i>Scientific Reports</i> , 2017, 7, 9261.	3.3	43
15	Cognitive Effects of Aromatase and Possible Role in Memory Disorders. <i>Frontiers in Endocrinology</i> , 2018, 9, 610.	3.5	41
16	Sexually Dimorphic Effects of Aromatase on Neurobehavioral Responses. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 374.	2.9	40
17	The role of estrogens in the adipose tissue milieu. <i>Annals of the New York Academy of Sciences</i> , 2020, 1461, 127-143.	3.8	39
18	Exercise Training Effects on Inflammatory Gene Expression in White Adipose Tissue of Young Mice. <i>Mediators of Inflammation</i> , 2012, 2012, 1-7.	3.0	37

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19	Adipose tissue and vascular phenotypic modulation by voluntary physical activity and dietary restriction in obese insulin-resistant OLETF rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R596-R606.	1.8	33
20	Estrogen receptor- β signaling maintains immunometabolic function in males and is obligatory for exercise-induced amelioration of nonalcoholic fatty liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E156-E167.	3.5	31
21	Disconnect between adipose tissue inflammation and cardiometabolic dysfunction in Ossabaw pigs. <i>Obesity</i> , 2015, 23, 2421-2429.	3.0	30
22	Effects of intrinsic aerobic capacity and ovariectomy on voluntary wheel running and nucleus accumbens dopamine receptor gene expression. <i>Physiology and Behavior</i> , 2016, 164, 383-389.	2.1	30
23	Maternal vitamin D deficiency during pregnancy affects expression of adipogenic-regulating genes peroxisome proliferator-activated receptor gamma (PPAR γ) and vitamin D receptor (VDR) in lean male mice offspring. <i>European Journal of Nutrition</i> , 2018, 57, 723-730.	3.9	30
24	Retention of sedentary obese visceral white adipose tissue phenotype with intermittent physical activity despite reduced adiposity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R594-R602.	1.8	28
25	Effects of ER β and ER α on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020, 245, 165-178.	2.6	23
26	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017, 235, 97-109.	2.6	22
27	Removal of interscapular brown adipose tissue increases aortic stiffness despite normal systemic glucose metabolism in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R584-R597.	1.8	22
28	Effects of ovariectomy and intrinsic aerobic capacity on tissue-specific insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E190-E199.	3.5	21
29	Loss of Nlrp3 Does Not Protect Mice from Western Diet-Induced Adipose Tissue Inflammation and Glucose Intolerance. <i>PLoS ONE</i> , 2016, 11, e0161939.	2.5	21
30	Exercise and Estrogen Make Fat Cells "Fit". <i>Exercise and Sport Sciences Reviews</i> , 2015, 43, 172-178.	3.0	20
31	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <i>Frontiers in Physiology</i> , 2019, 10, 9.	2.8	20
32	Sex determines effect of physical activity on diet preference: Association of striatal opioids and gut microbiota composition. <i>Behavioural Brain Research</i> , 2017, 334, 16-25.	2.2	19
33	Soy-Induced Fecal Metabolome Changes in Ovariectomized and Intact Female Rats: Relationship with Cardiometabolic Health. <i>Scientific Reports</i> , 2018, 8, 16896.	3.3	19
34	Voluntary Running Attenuates Metabolic Dysfunction in Ovariectomized Low-Fit Rats. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 254-264.	0.4	17
35	Deletion of UCP1 enhances ex vivo aortic vasomotor function in female but not male mice despite similar susceptibility to metabolic dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E402-E412.	3.5	17
36	Age, Sex, and Depot-Specific Differences in Adipose Tissue Estrogen Receptors in Individuals with Obesity. <i>Obesity</i> , 2020, 28, 1698-1707.	3.0	16

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37	Role of Perivascular Adipose Tissue on Vascular Reactive Oxygen Species in Type 2 Diabetes: A Give-and-Take Relationship. <i>Diabetes</i> , 2015, 64, 1904-1906.	0.6	15
38	Maternal Western diet age-specifically alters female offspring voluntary physical activity and dopamine- and leptin-related gene expression. <i>FASEB Journal</i> , 2017, 31, 5371-5383.	0.5	14
39	Ovariectomized Highly Fit Rats Are Protected against Diet-Induced Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1259-1269.	0.4	12
40	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019, 68, 1717-1729.	0.6	12
41	Sex dependent effects of physical activity on diet preference in rats selectively bred for high or low levels of voluntary wheel running. <i>Behavioural Brain Research</i> , 2019, 359, 95-103.	2.2	12
42	Absence of Endothelial ER α Results in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. <i>Endocrinology</i> , 2017, 158, 1875-1885.	2.8	10
43	Voluntary wheel running improves adipose tissue immunometabolism in ovariectomized low-fit rats. <i>Adipocyte</i> , 2018, 7, 20-34.	2.8	10
44	Ablation of eNOS does not promote adipose tissue inflammation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R744-R751.	1.8	9
45	Increased susceptibility to OVX-associated metabolic dysfunction in UCP1-null mice. <i>Journal of Endocrinology</i> , 2018, 239, 107-120.	2.6	9
46	Overproduction of endothelin-1 impairs glucose tolerance but does not promote visceral adipose tissue inflammation or limit metabolic adaptations to exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E548-E558.	3.5	9
47	Soy protein improves tibial whole-bone and tissue-level biomechanical properties in ovariectomized and ovary-intact, low-fit female rats. <i>Bone Reports</i> , 2018, 8, 244-254.	0.4	8
48	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. <i>Hormones and Behavior</i> , 2020, 121, 104719.	2.1	8
49	Voluntary Wheel Running Partially Compensates for the Effects of Global Estrogen Receptor- α Knockout on Cortical Bone in Young Male Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1734.	4.1	8
50	Role of ER α in adipocyte metabolic response to wheel running following ovariectomy. <i>Journal of Endocrinology</i> , 2021, 249, 223-237.	2.6	7
51	Divergent role of nitric oxide in insulin-stimulated aortic vasorelaxation between low- and high-intrinsic aerobic capacity rats. <i>Physiological Reports</i> , 2015, 3, e12459.	1.7	6
52	White Adipose Tissue Depots Respond to Chronic Beta-3 Adrenergic Receptor Activation in a Sexually Dimorphic and Depot Divergent Manner. <i>Cells</i> , 2021, 10, 3453.	4.1	6
53	Gestational and lactational exposure to BPA or BPS has minimal effects on skeletal outcomes in adult female mice. <i>Bone Reports</i> , 2021, 15, 101136.	0.4	4
54	Global estrogen receptor- α knockout has differential effects on cortical and cancellous bone in aged male mice. <i>Facets</i> , 2020, 5, 328-348.	2.4	4

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55	Modest sleep restriction does not influence steps, physical activity intensity or glucose tolerance in obese adults. <i>Journal of Sleep Research</i> , 2021, 30, e13381.	3.2	3
56	Hepatocyte-specific eNOS deletion impairs exercise-induced adaptations in hepatic mitochondrial function and autophagy. <i>Obesity</i> , 2022, 30, 1066-1078.	3.0	3
57	Exercise Training As A Mitigator Of Liver Fibrosis In Western Diet Fed OLETF Rats. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 485.	0.4	2
58	Voluntary wheel running effects on intra-accumbens opioid driven diet preferences in male and female rats. <i>Neuropharmacology</i> , 2019, 155, 22-30.	4.1	2
59	Gestational and lactational exposure to BPA, but not BPS, negatively impacts trabecular microarchitecture and cortical geometry in adult male offspring. <i>Bone Reports</i> , 2021, 15, 101147.	0.4	2
60	Endothelial dysfunction occurs independently of adipose tissue inflammation and insulin resistance in ovariectomized Yucatan miniature-swine. <i>Adipocyte</i> , 2018, 7, 35-44.	2.8	1
61	Divergent Phenotype of Rat Thoracic and Abdominal Perivascular Adipose Tissues. <i>FASEB Journal</i> , 2013, 27, 916.9.	0.5	1
62	Response to "Perivascular adipose tissue and inflammation. <i>Obesity</i> , 2016, 24, 548-548.	3.0	0
63	Effects Of Intrinsic Aerobic Capacity And Ovariectomy on Voluntary Wheel Running and Mid-brain Dopamine Signaling. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 823.	0.4	0
64	Effects of Sex Hormones and Exercise on Adipose Tissue. , 2017, , 257-284.		0
65	Effects of pregnancy vitamin D status on adipose tissue development and inflammation in lean, male adult mice offspring (1037.4). <i>FASEB Journal</i> , 2014, 28, 1037.4.	0.5	0
66	Low intrinsic aerobic fitness increases susceptibility to OVX-induced obesity and insulin resistance in the absence of adipose tissue inflammation (1028.3). <i>FASEB Journal</i> , 2014, 28, 1028.3.	0.5	0
67	Intermittent Physical Activity Produces a Leaner but "Sedentary Obese" White Adipose Tissue Phenotype. <i>FASEB Journal</i> , 2015, 29, 1055.16.	0.5	0
68	Age, Sex, and Depot Differences in Adipose Tissue from Obese Subjects. <i>FASEB Journal</i> , 2019, 33, 752.5.	0.5	0
69	Altered Adipose Tissue Inflammatory Markers in Mothers With Gestational Diabetes. <i>FASEB Journal</i> , 2022, 36, .	0.5	0