

Victoria J Vieira-Potter

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,584
citations

20
h-index

39
g-index

69
ext. papers

1,954
ext. citations

3.8
avg. IF

4.8
L-index

#	Paper	IF	Citations
65	Neurobiological markers of exercise-related brain plasticity in older adults. <i>Brain, Behavior, and Immunity</i> , 2013 , 28, 90-9	16.6	266
64	BDNF mediates improvements in executive function following a 1-year exercise intervention. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 985	3.3	151
63	Inflammation and macrophage modulation in adipose tissues. <i>Cellular Microbiology</i> , 2014 , 16, 1484-92	3.9	108
62	Divergent phenotype of rat thoracic and abdominal perivascular adipose tissues. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R543-52	3.2	100
61	Adipose tissue inflammation and reduced insulin sensitivity in ovariectomized mice occurs in the absence of increased adiposity. <i>Endocrinology</i> , 2012 , 153, 4266-77	4.8	71
60	Ocular Complications of Diabetes and Therapeutic Approaches. <i>BioMed Research International</i> , 2016 , 2016, 3801570	3	69
59	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, 1688-98	1.2	65
58	Sex Hormones and Cardiometabolic Health: Role of Estrogen and Estrogen Receptors. <i>Endocrinology</i> , 2017 , 158, 1095-1105	4.8	56
57	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	3.7	44
56	High-Fat Diet Alters Serum Fatty Acid Profiles in Obesity Prone Rats: Implications for In Vitro Studies. <i>Lipids</i> , 2015 , 50, 997-1008	1.6	43
55	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, R530-42	3.2	38
54	Exercise training effects on inflammatory gene expression in white adipose tissue of young mice. <i>Mediators of Inflammation</i> , 2012 , 2012, 767953	4.3	34
53	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	3.2	32
52	Soy Improves Cardiometabolic Health and Cecal Microbiota in Female Low-Fit Rats. <i>Scientific Reports</i> , 2017 , 7, 9261	4.9	32
51	Aerobic exercise training in the treatment of non-alcoholic fatty liver disease related fibrosis. <i>Journal of Physiology</i> , 2016 , 594, 5271-84	3.9	31
50	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, R596-606	3.2	28
49	Sexually Dimorphic Effects of Aromatase on Neurobehavioral Responses. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 374	6.1	28

48	Disconnect between adipose tissue inflammation and cardiometabolic dysfunction in Ossabaw pigs. <i>Obesity</i> , 2015 , 23, 2421-9	8	26
47	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, R594-602	3.2	24
46	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, 383-9	3.5	20
45	The role of estrogens in the adipose tissue milieu. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1461, 127-143	6.5	20
44	Effects of ovariectomy and intrinsic aerobic capacity on tissue-specific insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E190-9	6	18
43	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	5.2	17
42	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	6	17
41	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	3.2	16
40	Cognitive Effects of Aromatase and Possible Role in Memory Disorders. <i>Frontiers in Endocrinology</i> , 2018 , 9, 610	5.7	16
39	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	3.4	15
38	Anti-inflammatory effects of exercise training in adipose tissue do not require FGF21. <i>Journal of Endocrinology</i> , 2017 , 235, 97-109	4.7	15
37	Loss of Nlrp3 Does Not Protect Mice from Western Diet-Induced Adipose Tissue Inflammation and Glucose Intolerance. <i>PLoS ONE</i> , 2016 , 11, e0161939	3.7	15
36	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <i>Frontiers in Physiology</i> , 2019 , 10, 9	4.6	12
35	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	0.9	12
34	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	6	12
33	Soy-Induced Fecal Metabolome Changes in Ovariectomized and Intact Female Rats: Relationship with Cardiometabolic Health. <i>Scientific Reports</i> , 2018 , 8, 16896	4.9	12
32	Exercise and Estrogen Make Fat Cells "Fit". <i>Exercise and Sport Sciences Reviews</i> , 2015 , 43, 172-8	6.7	11
31	Role of perivascular adipose tissue on vascular reactive oxygen species in type 2 diabetes: a give-and-take relationship. <i>Diabetes</i> , 2015 , 64, 1904-6	0.9	11

30	Voluntary Running Attenuates Metabolic Dysfunction in Ovariectomized Low-Fit Rats. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 254-264	1.2	10
29	Effects of ER α and ER β on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020 , 245, 165-178	4.7	10
28	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	3.4	10
27	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019 , 68, 1717-1729	0.9	8
26	Ovariectomized Highly Fit Rats Are Protected against Diet-Induced Insulin Resistance. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1259-69	1.2	8
25	Ablation of eNOS does not promote adipose tissue inflammation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R744-51	3.2	7
24	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	4.8	6
23	Voluntary wheel running improves adipose tissue immunometabolism in ovariectomized low-fit rats. <i>Adipocyte</i> , 2018 , 7, 20-34	3.2	6
22	Age, Sex, and Depot-Specific Differences in Adipose-Tissue Estrogen Receptors in Individuals with Obesity. <i>Obesity</i> , 2020 , 28, 1698-1707	8	6
21	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	2.6	5
20	Increased susceptibility to OVX-associated metabolic dysfunction in UCP1-null mice. <i>Journal of Endocrinology</i> , 2018 ,	4.7	5
19	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	6	4
18	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	2.6	4
17	Global estrogen receptor- α knockout has differential effects on cortical and cancellous bone in aged male mice. <i>Facets</i> , 2020 , 5, 328-348	2.3	3
16	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	1.2	2
15	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,	6.3	2
14	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	3.7	1
13	Role of ER α in adipocyte metabolic response to wheel running following ovariectomy. <i>Journal of Endocrinology</i> , 2021 , 249, 223-237	4.7	1

12	Endothelial dysfunction occurs independently of adipose tissue inflammation and insulin resistance in ovariectomized Yucatan miniature-swine. <i>Adipocyte</i> , 2018 , 7, 35-44	3.2	1
11	Voluntary wheel running effects on intra-accumbens opioid driven diet preferences in male and female rats. <i>Neuropharmacology</i> , 2019 , 155, 22-30	5.5	0
10	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	2.6	0
9	Divergent Phenotype of Rat Thoracic and Abdominal Perivascular Adipose Tissues. <i>FASEB Journal</i> , 2013 , 27, 916.9	0.9	0
8	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	2.6	0
7	Effects of Sex Hormones and Exercise on Adipose Tissue 2017 , 257-284		
6	Age, Sex, and Depot Differences in Adipose Tissue from Obese Subjects. <i>FASEB Journal</i> , 2019 , 33, 752.5	0.9	
5	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	0.9	
4	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	0.9	
3	Intermittent Physical Activity Produces a Leaner but Sedentary Obese White Adipose Tissue Phenotype. <i>FASEB Journal</i> , 2015 , 29, 1055.16	0.9	
2	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	5.8	
1	Response to "Perivascular adipose tissue and inflammation. <i>Obesity</i> , 2016 , 24, 548	8	