

Erin D Giles

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.

38
papers

1,134
citations

19
h-index

33
g-index

50
ext. papers

1,311
ext. citations

4.3
avg, IF

3.96
L-index

#	Paper	IF	Citations
38	Enhanced metabolic efficiency contributes to weight regain after weight loss in obesity-prone rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R1306-15	3.2	115
37	The role for adipose tissue in weight regain after weight loss. <i>Obesity Reviews</i> , 2015 , 16 Suppl 1, 45-54	10.6	114
36	Peripheral metabolic responses to prolonged weight reduction that promote rapid, efficient regain in obesity-prone rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R1577-88	3.2	108
35	Resistant starch consumption promotes lipid oxidation. <i>Nutrition and Metabolism</i> , 2004 , 1, 8	4.6	107
34	Metabolic adjustments with the development, treatment, and recurrence of obesity in obesity-prone rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R288-97	3.2	79
33	Weight regain after sustained weight reduction is accompanied by suppressed oxidation of dietary fat and adipocyte hyperplasia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1117-29	3.2	64
32	Regular exercise attenuates the metabolic drive to regain weight after long-term weight loss. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R793-802	3.2	56
31	Is regular exercise an effective strategy for weight loss maintenance?. <i>Physiology and Behavior</i> , 2018 , 188, 86-93	3.5	51
30	Obesity and overfeeding affecting both tumor and systemic metabolism activates the progesterone receptor to contribute to postmenopausal breast cancer. <i>Cancer Research</i> , 2012 , 72, 6490-501	10.1	41
29	Modeling Diet-Induced Obesity with Obesity-Prone Rats: Implications for Studies in Females. <i>Frontiers in Nutrition</i> , 2016 , 3, 50	6.2	37
28	Developmental windows of breast cancer risk provide opportunities for targeted chemoprevention. <i>Experimental Cell Research</i> , 2013 , 319, 1671-8	4.2	32
27	Resistant starch and exercise independently attenuate weight regain on a high fat diet in a rat model of obesity. <i>Nutrition and Metabolism</i> , 2011 , 8, 49	4.6	30
26	Exercise reduces appetite and traffics excess nutrients away from energetically efficient pathways of lipid deposition during the early stages of weight regain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R656-67	3.2	30
25	Metformin inhibits stromal aromatase expression and tumor progression in a rodent model of postmenopausal breast cancer. <i>Breast Cancer Research</i> , 2018 , 20, 50	8.3	29
24	Metformin Accumulation Correlates with Organic Cation Transporter 2 Protein Expression and Predicts Mammary Tumor Regression. <i>Cancer Prevention Research</i> , 2017 , 10, 198-207	3.2	27
23	Effect of the estrous cycle and surgical ovariectomy on energy balance, fuel utilization, and physical activity in lean and obese female rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1634-42	3.2	27
22	Postnatal neurogenesis in the vasopressin and oxytocin-containing nucleus of the pig hypothalamus. <i>Brain Research</i> , 2003 , 971, 189-96	3.7	26

21	Consumption of resistant starch decreases postprandial lipogenesis in white adipose tissue of the rat. <i>Nutrition Journal</i> , 2006 , 5, 25	4.3	23
20	A surprising link between the energetics of ovariectomy-induced weight gain and mammary tumor progression in obese rats. <i>Obesity</i> , 2010 , 18, 696-703	8	19
19	The use of proliferating cell nuclear antigen immunohistochemistry with a unique functional marker to detect postnatal neurogenesis in paraffin-embedded sections of the mature pig brain. <i>Brain Research Protocols</i> , 2004 , 13, 69-75		18
18	Exercise Decreases Lipogenic Gene Expression in Adipose Tissue and Alters Adipocyte Cellularity during Weight Regain After Weight Loss. <i>Frontiers in Physiology</i> , 2016 , 7, 32	4.6	18
17	Validation of Sensor-Based Food Intake Detection by Multicamera Video Observation in an Unconstrained Environment. <i>Nutrients</i> , 2019 , 11,	6.7	17
16	The Androgen Receptor Supports Tumor Progression After the Loss of Ovarian Function in a Preclinical Model of Obesity and Breast Cancer. <i>Hormones and Cancer</i> , 2017 , 8, 269-285	5	9
15	Role of insulin-like growth factor binding proteins (IGFBPs) in breast cancer proliferation and metastasis. <i>Clinical and Experimental Metastasis</i> , 2003 , 20, 481-7	4.7	9
14	The In Vivo Net Energy Content of Resistant Starch and Its Effect on Macronutrient Oxidation in Healthy Adults. <i>Nutrients</i> , 2019 , 11,	6.7	8
13	Prior weight loss exacerbates the biological drive to gain weight after the loss of ovarian function. <i>Physiological Reports</i> , 2017 , 5, e13272	2.6	7
12	Ibuprofen before Exercise Does Not Prevent Cortical Bone Adaptations to Training. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 888-895	1.2	6
11	Weight restoration on a high carbohydrate refeeding diet promotes rapid weight regain and hepatic lipid accumulation in female anorexic rats. <i>Nutrition and Metabolism</i> , 2016 , 13, 18	4.6	6
10	Compensation for cold-induced thermogenesis during weight loss maintenance and regain. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E977-E986	6	5
9	Impact of Exercise and Activity on Weight Regain and Musculoskeletal Health Post-Ovariectomy. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2465-2473	1.2	5
8	Preclinical Models to Study Obesity and Breast Cancer in Females: Considerations, Caveats, and Tools. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2020 , 25, 237-253	2.4	4
7	Regular exercise potentiates energetically expensive hepatic de novo lipogenesis during early weight regain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R684-R695	3.2	3
6	Change in Blood and Benign Breast Biomarkers in Women Undergoing a Weight-Loss Intervention Randomized to High-Dose n-3 Fatty Acids versus Placebo. <i>Cancer Prevention Research</i> , 2021 , 14, 893-904	3.2	1
5	Lipoprotein Lipase Overexpression in Skeletal Muscle Attenuates Weight Regain by Potentiating Energy Expenditure. <i>Diabetes</i> , 2021 , 70, 867-877	0.9	0
4	Designing Relevant Preclinical Rodent Models for Studying Links Between Nutrition, Obesity, Metabolism, and Cancer. <i>Annual Review of Nutrition</i> , 2021 , 41, 253-282	9.9	0

3 Role of TGF- β and IGF in Tumor Progression and Bone Metastases **2005**, 59-74

2 Noxious Stimulation Induces Acute Hemorrhage and Impairs Long-Term Recovery after Spinal Cord Injury (SCI) in Female Rats: Evidence Estrous Cycle May Have a Modulatory Effect.. *Neurotrauma Reports*, **2022**, 3, 70-86 1.6

1 Novel Anorexia Nervosa Refeeding Strategies: From Human to Rat and Back Again. *FASEB Journal*, **2012**, 26, lb442 0.9