

Erin D Giles

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,473
citations

331670

21
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

2220
citing authors

#	ARTICLE	IF	CITATIONS
1	The role for adipose tissue in weight regain after weight loss. <i>Obesity Reviews</i> , 2015, 16, 45-54.	6.5	153
2	Resistant starch consumption promotes lipid oxidation. <i>Nutrition and Metabolism</i> , 2004, 1, 8.	3.0	136
3	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-R1315.	1.8	132
4	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-R1588.	1.8	114
5	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-R297.	1.8	85
6	Is regular exercise an effective strategy for weight loss maintenance?. <i>Physiology and Behavior</i> , 2018, 188, 86-93.	2.1	82
7	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-R1129.	1.8	75
8	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-R802.	1.8	64
9	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, 6490-6501.	0.9	54
10	Modeling Diet-Induced Obesity with Obesity-Prone Rats: Implications for Studies in Females. <i>Frontiers in Nutrition</i> , 2016, 3, 50.	3.7	53
11	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-R1642.	1.8	42
12	Developmental windows of breast cancer risk provide opportunities for targeted chemoprevention. <i>Experimental Cell Research</i> , 2013, 319, 1671-1678.	2.6	39
13	Metformin inhibits stromal aromatase expression and tumor progression in a rodent model of postmenopausal breast cancer. <i>Breast Cancer Research</i> , 2018, 20, 50.	5.0	39
14	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.	3.0	38
15	Metformin Accumulation Correlates with Organic Cation Transporter 2 Protein Expression and Predicts Mammary Tumor Regression <i>In Vivo</i> . <i>Cancer Prevention Research</i> , 2017, 10, 198-207.	1.5	37
16	Validation of Sensor-Based Food Intake Detection by Multicamera Video Observation in an Unconstrained Environment. <i>Nutrients</i> , 2019, 11, 609.	4.1	37
17	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-R667.	1.8	33
18	Postnatal neurogenesis in the vasopressin and oxytocin-containing nucleus of the pig hypothalamus. <i>Brain Research</i> , 2003, 971, 189-196.	2.2	29

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19	Consumption of resistant starch decreases postprandial lipogenesis in white adipose tissue of the rat. <i>Nutrition Journal</i> , 2006, 5, 25.	3.4	26
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.	3.0	23
21	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.	2.8	23
22	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.	1.6	20
23	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.	2.7	17
24	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.	4.9	14
25	The In Vivo Net Energy Content of Resistant Starch and Its Effect on Macronutrient Oxidation in Healthy Adults. <i>Nutrients</i> , 2019, 11, 2484.	4.1	13
26	Role of insulin-like growth factor binding proteins (IGFBPs) in breast cancer proliferation and metastasis. <i>Clinical and Experimental Metastasis</i> , 2003, 20, 481-487.	3.3	12
27	Ghrelin and Cancer: Examining the Roles of the Ghrelin Axis in Tumor Growth and Progression. <i>Biomolecules</i> , 2022, 12, 483.	4.0	10
28	Prior weight loss exacerbates the biological drive to gain weight after the loss of ovarian function. <i>Physiological Reports</i> , 2017, 5, e13272.	1.7	8
29	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.	0.4	8
30	Rapid Escalation of High-Volume Exercise during Caloric Restriction; Change in Visceral Adipose Tissue and Adipocytokines in Obese Sedentary Breast Cancer Survivors. <i>Cancers</i> , 2021, 13, 4871.	3.7	8
31	Ibuprofen before Exercise Does Not Prevent Cortical Bone Adaptations to Training. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 888-895.	0.4	7
32	Compensation for cold-induced thermogenesis during weight loss maintenance and regain. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E977-E986.	3.5	7
33	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.	3.0	6
34	Designing Relevant Preclinical Rodent Models for Studying Links Between Nutrition, Obesity, Metabolism, and Cancer. <i>Annual Review of Nutrition</i> , 2021, 41, 253-282.	10.1	6
35	Preventing ovariectomy-induced weight gain decreases tumor burden in rodent models of obesity and postmenopausal breast cancer. <i>Breast Cancer Research</i> , 2022, 24, .	5.0	6
36	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.	1.8	5

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37	A Low-Glucose Eating Pattern Improves Biomarkers of Postmenopausal Breast Cancer Risk: An Exploratory Secondary Analysis of a Randomized Feasibility Trial. <i>Nutrients</i> , 2021, 13, 4508.	4.1	5
38	Lipoprotein Lipase Overexpression in Skeletal Muscle Attenuates Weight Regain by Potentiating Energy Expenditure. <i>Diabetes</i> , 2021, 70, 867-877.	0.6	3
39	Change in Blood and Benign Breast Biomarkers in Women Undergoing a Weight-Loss Intervention Randomized to High-Dose ω -3 Fatty Acids versus Placebo. <i>Cancer Prevention Research</i> , 2021, 14, 893-904.	1.5	2
40	Biomarker Profile Does Not Predict Weight Loss Success in Successful and Unsuccessful Diet-Reduced Obese Individuals: A Prospective Study. <i>ISRN Obesity</i> , 2013, 2013, 1-5.	2.2	1
41	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. <i>Neurotrauma Reports</i> , 2022, 3, 70-86.	1.4	1
42	Initial Disruptions In Energy Balance After The Loss Of Ovarian Function Do Not Depend On Exercise Training Or Obesity Status In Rats. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 860.	0.4	0
43	Abstract PD11-02: Randomized trial of 12 months of omega-3 fatty acids vs placebo during a weight loss intervention in post-menopausal women at increased risk for breast cancer. , 2021, , .		0
44	Abstract 2567: Duavee [®] improves metabolic health without increasing cancer risk: findings from a preclinical model of obesity and postmenopausal breast cancer. , 2021, , .		0
45	Abstract 72: Metformin enhances tumor regression and reduces tumor burden in a preclinical paradigm modeling obesity's impact on postmenopausal breast cancer. , 2010, , .		0
46	Novel Anorexia Nervosa Refeeding Strategies: From Human to Rat and Back Again. <i>FASEB Journal</i> , 2012, 26, 1b442.	0.5	0
47	Ibuprofen Before Exercise Does Not Alter Cortical Bone Adaptations to Treadmill Running in Female Rats. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 490.	0.4	0