

Dorothy Teegarden

List of Publications by Year in descending order

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69
papers

2,480
citations

218381

26
h-index

214527

47
g-index

72
all docs

72
docs citations

72
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D regulation of energy metabolism in cancer. <i>British Journal of Pharmacology</i> , 2022, 179, 2890-2905.	2.7	12
2	Increased Fatty Acid Synthesis and Catabolism Supports Metastatic Breast Cancer Cell Migration. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
3	Increased Ammonium Toxicity in Response to Exogenous Glutamine in Metastatic Breast Cancer Cells. <i>Metabolites</i> , 2022, 12, 469.	1.3	0
4	Pyruvate carboxylase and cancer progression. <i>Cancer & Metabolism</i> , 2021, 9, 20.	2.4	37
5	Proteomic Characterization of Cytoplasmic Lipid Droplets in Human Metastatic Breast Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 576326.	1.3	10
6	Increasing undergraduate interdisciplinary exposure through an interdisciplinary web-based video series. <i>Innovations in Education and Teaching International</i> , 2020, 57, 317-327.	1.5	6
7	Transdisciplinary Obesity Prevention Research Sciences (TOPRS) Curriculum Increases Knowledge About Complex Causes and Consequences of Obesity for Undergraduate Students. <i>Frontiers in Public Health</i> , 2019, 7, 232.	1.3	5
8	Pyruvate carboxylase supports the pulmonary tropism of metastatic breast cancer. <i>Breast Cancer Research</i> , 2018, 20, 76.	2.2	67
9	1,25-Dihydroxyvitamin D regulates lipid metabolism and glucose utilization in differentiated 3T3-L1 adipocytes. <i>Nutrition Research</i> , 2018, 58, 72-83.	1.3	30
10	1 α ,25-dihydroxyvitamin D inhibits de novo fatty acid synthesis and lipid accumulation in metastatic breast cancer cells through down-regulation of pyruvate carboxylase. <i>Journal of Nutritional Biochemistry</i> , 2017, 40, 194-200.	1.9	28
11	Inhibition of pyruvate carboxylase by 1 α ,25-dihydroxyvitamin D promotes oxidative stress in early breast cancer progression. <i>Cancer Letters</i> , 2017, 411, 171-181.	3.2	67
12	1 α ,25-dihydroxyvitamin D 3 Inhibits Adipocyte Mediated Metastatic Capability of Breast Cancer Cells. <i>FASEB Journal</i> , 2017, 31, 300.8.	0.2	0
13	Stilbenoids remodel the DNA methylation patterns in breast cancer cells and inhibit oncogenic NOTCH signaling through epigenetic regulation of MAML2 transcriptional activity. <i>Carcinogenesis</i> , 2016, 37, 656-668.	1.3	85
14	Maternal high fructose and low protein consumption during pregnancy and lactation share some but not all effects on early-life growth and metabolic programming of rat offspring. <i>Nutrition Research</i> , 2016, 36, 937-946.	1.3	6
15	1 α ,25-Dihydroxyvitamin D Inhibits the Metastatic Capability of MCF10CA1a and MDA-MB-231 Cells in an In Vitro Model of Breast to Bone Metastasis. <i>Nutrition and Cancer</i> , 2016, 68, 1202-1209.	0.9	19
16	1,25-Dihydroxyvitamin D inhibits glutamine metabolism in Harvey-ras transformed MCF10A human breast epithelial cell. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 163, 147-156.	1.2	22
17	Altered glucose metabolism in Harvey-ras transformed MCF10A cells. <i>Molecular Carcinogenesis</i> , 2015, 54, 111-120.	1.3	23
18	Effect of Time on Perceived Gains from an Undergraduate Research Program. <i>CBE Life Sciences Education</i> , 2014, 13, 139-148.	1.1	47

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19	1,25-Dihydroxyvitamin D regulates lipid metabolism and metastasis in breast epithelial cells (261.6). FASEB Journal, 2014, 28, 261.6.	0.2	0
20	1,25-Dihydroxyvitamin D regulation of glucose metabolism in Harvey-ras transformed MCF10A human breast epithelial cells. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 81-89.	1.2	30
21	Impact of vitamin D supplementation during a resistance training intervention on body composition, muscle function, and glucose tolerance in overweight and obese adults. Clinical Nutrition, 2013, 32, 375-381.	2.3	50
22	1,25-Dihydroxyvitamin D regulation of pyruvate carboxylase and glucose addiction in MCF10A-ras human breast epithelial cells. FASEB Journal, 2013, 27, 639.19.	0.2	0
23	Redefining the impact of nutrition on breast cancer incidence: is epigenetics involved?. Nutrition Research Reviews, 2012, 25, 68-95.	2.1	41
24	Vitamin D supplementation during exercise training does not alter inflammatory biomarkers in overweight and obese subjects. European Journal of Applied Physiology, 2012, 112, 3045-3052.	1.2	38
25	1,25 dihydroxyvitamin D regulation of energy metabolism in MCF10 human breast epithelial cells. FASEB Journal, 2012, 26, 822.2.	0.2	0
26	Cancer Prevention Interdisciplinary Education Program at Purdue University: Overview and Preliminary Results. Journal of Cancer Education, 2011, 26, 626-632.	0.6	5
27	1,25-Dihydroxyvitamin D regulates hypoxia-inducible factor-1 in untransformed and Harvey-ras transfected breast epithelial cells. Cancer Letters, 2010, 298, 159-166.	3.2	21
28	Mechanisms of 1,25-Dihydroxyvitamin D regulation of hypoxia-inducible factor-1 in breast epithelial cells. FASEB Journal, 2010, 24, 217.4.	0.2	0
29	Determining the accuracy of a quick questionnaire in assessing calcium intake in young healthy women. FASEB Journal, 2010, 24, 563.7.	0.2	0
30	Maternal fructose consumption programs gene expression pattern in intestine of male offspring. FASEB Journal, 2010, 24, 344.3.	0.2	0
31	Effects of vitamin D supplementation during exercise training on strength and body composition. FASEB Journal, 2010, 24, 917.20.	0.2	1
32	Vitamin D: emerging new roles in insulin sensitivity. Nutrition Research Reviews, 2009, 22, 82-92.	2.1	202
33	Activation of rapid signaling pathways does not contribute to 1,25-dihydroxyvitamin D ₃ -induced growth inhibition of mouse prostate epithelial progenitor cells. Journal of Cellular Biochemistry, 2009, 107, 1031-1036.	1.2	7
34	Mechanisms of nuclear vitamin D receptor resistance in Harvey-ras-transfected cells. Journal of Nutritional Biochemistry, 2009, 20, 629-637.	1.9	8
35	Parathyroid hormone suppresses insulin signaling in adipocytes. Molecular and Cellular Endocrinology, 2009, 307, 77-82.	1.6	58
36	Fructose consumption during pregnancy and lactation induced elevated liver triglyceride content and glucose intolerance in rats. FASEB Journal, 2009, 23, 219.5.	0.2	0

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37	1 α , 25-Dihydroxyvitamin D Regulates Hypoxia-Inducible Factor-1 in Breast Epithelial Cells. FASEB Journal, 2009, 23, 897.13.	0.2	0
38	The role of 1 α , 25 dihydroxyvitamin D on muscle hypertrophy and insulin signaling. FASEB Journal, 2009, 23, 553.15.	0.2	0
39	Development and validation of a new LC-MS/MS method for simultaneous detection and quantification of Vitamin D related metabolites. FASEB Journal, 2009, 23, 731.1.	0.2	0
40	Hyperglycemia and hypertriglyceridemia were associated with altered hepatic energy regulation in rat offspring from fructose fed dams. FASEB Journal, 2009, 23, 554.2.	0.2	0
41	Calcium and Dairy Product Modulation of Lipid Utilization and Energy Expenditure. Obesity, 2008, 16, 1566-1572.	1.5	83
42	Can the controversial relationship between dietary calcium and body weight be mechanistically explained by alterations in appetite and food intake?. Nutrition Reviews, 2008, 66, 601-605.	2.6	19
43	1 α ,25-Dihydroxyvitamin D hydroxylase in adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 122-126.	1.2	141
44	Dietary intervention with vitamin D, calcium, and whey protein reduced fat mass and increased lean mass in rats. Nutrition Research, 2008, 28, 783-790.	1.3	37
45	1 α ,25-dihydroxyvitamin D regulates vascular endothelial growth factor and hypoxia-inducible factor-1 in breast epithelial cells. FASEB Journal, 2008, 22, 887.4.	0.2	0
46	Dietary fructose during pregnancy and lactation causes enlarged livers in rat dams and impairs growth of offspring. FASEB Journal, 2008, 22, 1115.1.	0.2	0
47	The effect of increased dietary calcium on fecal fat excretion in overweight and obese adolescents. FASEB Journal, 2008, 22, 441.6.	0.2	0
48	Parathyroid Hormone Suppresses Insulin Signalling in Differentiated Adipocytes. FASEB Journal, 2008, 22, 881.3.	0.2	1
49	High Dietary Calcium and Vitamin D Effects on Fat Mass Accretion and Expression of Liver Enzymes in Rats. FASEB Journal, 2007, 21, A56.	0.2	4
50	Expression of 1 α -Hydroxylase in Tissues Relevant to Energy Metabolism. FASEB Journal, 2007, 21, A1110.	0.2	0
51	Parathyroid Hormone Modulates Insulin-Stimulated Glucose Uptake in Differentiated Adipocytes. FASEB Journal, 2007, 21, A1111.	0.2	2
52	Vitamin D-induced anti-cancer effects are blunted in Ki-RAS transformed human prostate epithelial cells. FASEB Journal, 2007, 21, A62.	0.2	0
53	Effect of 1-Year Dairy Product Intervention on Fat Mass in Young Women: 6-Month Follow-up*. Obesity, 2006, 14, 2242-2248.	1.5	46
54	Dietary Calcium and the Metabolic Syndrome. , 2006, , 401-409.		4

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55	Impact of increasing calcium intake with dairy vs. calcium carbonate on calcium retention in overweight adolescents. <i>FASEB Journal</i> , 2006, 20, A992.	0.2	0
56	Dairy affects acute thermic effect of food in overweight, adolescent boys, but not girls. <i>FASEB Journal</i> , 2006, 20, A587.	0.2	1
57	The Influence of Dairy Product Consumption on Body Composition. <i>Journal of Nutrition</i> , 2005, 135, 2749-2752.	1.3	66
58	Fat oxidation and its relation to serum parathyroid hormone in young women enrolled in a 1-y dairy calcium intervention. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 1228-1234.	2.2	54
59	Dairy products do not lead to alterations in body weight or fat mass in young women in a 1-y intervention. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 751-756.	2.2	135
60	Dietary Calcium Intake Protects Women Consuming Oral Contraceptives from Spine and Hip Bone Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5127-5133.	1.8	49
61	Dairy products do not lead to alterations in body weight or fat mass in young women in a 1-y intervention. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 751-756.	2.2	90
62	1,25-Dihydroxycholecalciferol Inhibits Apoptosis in C3H10T1/2 Murine Fibroblast Cells Through Activation of Nuclear Factor κ B. <i>Journal of Nutrition</i> , 2004, 134, 2948-2952.	1.3	21
63	Calcium Intake and Reduction in Weight or Fat Mass. <i>Journal of Nutrition</i> , 2003, 133, 249S-251S.	1.3	103
64	Ceramide Conversion to Sphingosine-1-Phosphate is Essential for Survival in C3H10T1/2 Cells. <i>Journal of Nutrition</i> , 2001, 131, 2826-2830.	1.3	25
65	Dairy Calcium is Related to Changes in Body Composition during a Two-Year Exercise Intervention in Young Women. <i>Journal of the American College of Nutrition</i> , 2000, 19, 754-760.	1.1	219
66	Previous milk consumption is associated with greater bone density in young women. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 1014-1017.	2.2	157
67	Wheat Bran Abolishes the Inverse Relationship between Calcium Load Size and Absorption Fraction in Women. <i>Journal of Nutrition</i> , 1996, 126, 303-307.	1.3	47
68	Peak bone mass in young women. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 711-715.	3.1	244
69	Hypoxia-Mediated ATF4 Induction Promotes Survival in Detached Conditions in Metastatic Murine Mammary Cancer Cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3