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	Peak bone mass in young women. Journal of Bone and Mineral Research, 1995, 10, 711-715.	3.1	244
2	Dairy Calcium is Related to Changes in Body Composition during a Two-Year Exercise Intervention in Young Women. Journal of the American College of Nutrition, 2000, 19, 754-760.	1.1	219
3	Vitamin D: emerging new roles in insulin sensitivity. Nutrition Research Reviews, 2009, 22, 82-92.	2.1	202
4	Previous milk consumption is associated with greater bone density in young women. American Journal of Clinical Nutrition, 1999, 69, 1014-1017.	2.2	157
5	1Î±,25-Dihydroxyvitamin D hydroxylase in adipocytes. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 122-126.	1.2	141
6	Dairy products do not lead to alterations in body weight or fat mass in young women in a 1-y intervention. American Journal of Clinical Nutrition, 2005, 81, 751-756.	2.2	135
7	Calcium Intake and Reduction in Weight or Fat Mass. Journal of Nutrition, 2003, 133, 249S-251S.	1.3	103
8	Dairy products do not lead to alterations in body weight or fat mass in young women in a 1-y intervention. American Journal of Clinical Nutrition, 2005, 81, 751-756.	2.2	90
9	Stilbenoids remodel the DNA methylation patterns in breast cancer cells and inhibit oncogenic NOTCH signaling through epigenetic regulation of MAML2 transcriptional activity. Carcinogenesis, 2016, 37, 656-668.	1.3	85
10	Calcium and Dairy Product Modulation of Lipid Utilization and Energy Expenditure. Obesity, 2008, 16, 1566-1572.	1.5	83
11	Inhibition of pyruvate carboxylase by 1Î±,25-dihydroxyvitamin D promotes oxidative stress in early breast cancer progression. Cancer Letters, 2017, 411, 171-181.	3.2	67
12	Pyruvate carboxylase supports the pulmonary tropism of metastatic breast cancer. Breast Cancer Research, 2018, 20, 76.	2.2	67
13	The Influence of Dairy Product Consumption on Body Composition. Journal of Nutrition, 2005, 135, 2749-2752.	1.3	66
14	Parathyroid hormone suppresses insulin signaling in adipocytes. Molecular and Cellular Endocrinology, 2009, 307, 77-82.	1.6	58
15	Fat oxidation and its relation to serum parathyroid hormone in young women enrolled in a 1-y dairy calcium intervention. American Journal of Clinical Nutrition, 2005, 82, 1228-1234.	2.2	54
16	Impact of vitamin D supplementation during a resistance training intervention onÂbody composition, muscle function, and glucose tolerance in overweight andÂobese adults. Clinical Nutrition, 2013, 32, 375-381.	2.3	50
17	Dietary Calcium Intake Protects Women Consuming Oral Contraceptives from Spine and Hip Bone Loss. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5127-5133.	1.8	49
18	Wheat Bran Abolishes the Inverse Relationship between Calcium Load Size and Absorption Fraction in Women. Journal of Nutrition, 1996, 126, 303-307.	1.3	47

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19	Effect of Time on Perceived Gains from an Undergraduate Research Program. CBE Life Sciences Education, 2014, 13, 139-148.	1.1	47
20	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
21	Redefining the impact of nutrition on breast cancer incidence: is epigenetics involved?. Nutrition Research Reviews, 2012, 25, 68-95.	2.1	41
22	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
23	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
24	Pyruvate carboxylase and cancer progression. Cancer & Metabolism, 2021, 9, 20.	2.4	37
25	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
26	1,25-Dihydroxyvitamin D regulates lipid metabolism and glucose utilization in differentiated 3T3-L1 adipocytes. Nutrition Research, 2018, 58, 72-83.	1.3	30
27	1Î±,25-dihydroxyvitamin D inhibits de novo fatty acid synthesis and lipid accumulation in metastatic breast cancer cells through down-regulation of pyruvate carboxylase. Journal of Nutritional Biochemistry, 2017, 40, 194-200.	1.9	28
28	Ceramide Conversion to Sphingosine-1-Phosphate is Essential for Survival in C3H10T1/2 Cells. Journal of Nutrition, 2001, 131, 2826-2830.	1.3	25
29	Altered glucose metabolism in Harvey-rastransformed MCF10A cells. Molecular Carcinogenesis, 2015, 54, 111-120.	1.3	23
30	1,25-Dihydroxyvitamin D inhibits glutamine metabolism in Harvey-ras transformed MCF10A human breast epithelial cell. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 147-156.	1.2	22
31	1,25-Dihydroxycholecalciferol Inhibits Apoptosis in C3H10T1/2 Murine Fibroblast Cells Through Activation of Nuclear Factor ÎºB. Journal of Nutrition, 2004, 134, 2948-2952.	1.3	21
32	1Î±, 25-Dihydroxyvitamin D regulates hypoxia-inducible factor-1Î± in untransformed and Harvey-ras transfected breast epithelial cells. Cancer Letters, 2010, 298, 159-166.	3.2	21
33	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
34	1Î±,25-Dihydroxyvitamin D Inhibits the Metastatic Capability of MCF10CA1a and MDA-MB-231 Cells in an In Vitro Model of Breast to Bone Metastasis. Nutrition and Cancer, 2016, 68, 1202-1209.	0.9	19
35	Vitamin D regulation of energy metabolism in cancer. British Journal of Pharmacology, 2022, 179, 2890-2905.	2.7	12
36	Proteomic Characterization of Cytoplasmic Lipid Droplets in Human Metastatic Breast Cancer Cells. Frontiers in Oncology, 2021, 11, 576326.	1.3	10

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37	Mechanisms of nuclear vitamin D receptor resistance in Harvey-ras-transfected cells. Journal of Nutritional Biochemistry, 2009, 20, 629-637.	1.9	8
38	Activation of rapid signaling pathways does not contribute to 1Î±,25â€dihydroxyvitamin D₃â€induced growth inhibition of mouse prostate epithelial progenitor cells. Journal of Cellular Biochemistry, 2009, 107, 1031-1036.	1.2	7
39	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. Nutrition Research, 2016, 36, 937-946.	1.3	6
40	Increasing undergraduate interdisciplinary exposure through an interdisciplinary web-based video series. Innovations in Education and Teaching International, 2020, 57, 317-327.	1.5	6
41	Cancer Prevention Interdisciplinary Education Program at Purdue University: Overview and Preliminary Results. Journal of Cancer Education, 2011, 26, 626-632.	0.6	5
42	Transdisciplinary Obesity Prevention Research Sciences (TOPRS) Curriculum Increases Knowledge About Complex Causes and Consequences of Obesity for Undergraduate Students. Frontiers in Public Health, 2019, 7, 232.	1.3	5
43	Dietary Calcium and the Metabolic Syndrome. , 2006, , 401-409.		4
44	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
45	Hypoxia-Mediated ATF4 Induction Promotes Survival in Detached Conditions in Metastatic Murine Mammary Cancer Cells. Frontiers in Oncology, 0, 12, .	1.3	3
46	Parathyroid Hormone Modulates Insulinâ€Stimulated Glucose Uptake in Differentiated Adipocytes. FASEB Journal, 2007, 21, A1111.	0.2	2
47	Dairy affects acute thermic effect of food in overweight, adolescent boys, but not girls. FASEB Journal, 2006, 20, A587.	0.2	1
48	Parathyroid Hormone Suppresses Insulin Signalling in Differentiated Adipocytes. FASEB Journal, 2008, 22, 881.3.	0.2	1
49	Effects of vitamin D supplementation during exercise training on strength and body composition. FASEB Journal, 2010, 24, 917.20.	0.2	1
50	Impact of increasing calcium intake with dairy vs. calcium carbonate on calcium retention in overweight adolescents. FASEB Journal, 2006, 20, A992.	0.2	0
51	Expression of 1Î±â€Hydroxylase in Tissues Relevant to Energy Metabolism. FASEB Journal, 2007, 21, A1110.	0.2	0
52	Vitamin Dâ€induced antiâ€cancer effects are blunted in Kiâ€RAS transformed human prostate epithelial cells. FASEB Journal, 2007, 21, A62.	0.2	0
53	1Î±,25â€dihydroxyvitamin D regulates vascular endothelial growth factor and hypoxiaâ€inducible factorâ€1Î± in breast epithelial cells. FASEB Journal, 2008, 22, 887.4.	0.2	0
54	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

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55	The effect of increased dietary calcium on fecal fat excretion in overweight and obese adolescents. FASEB Journal, 2008, 22, 441.6.	0.2	0
56	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
57	1Î±, 25â€Dihydroxyvitamin D Regulates Hypoxiaâ€inducible Factorâ€1Î± in Breast Epithelial Cells. FASEB Journal, 2009, 23, 897.13.	0.2	0
58	The role of 1Î±, 25 dihydroxyvitamin D on muscle hypertrophy and insulin signaling. FASEB Journal, 2009, 23, 553.15.	0.2	0
59	Development and validation of a new LCâ€MS/MS method for simultaneous detection and quantification of Vitamin D related metabolites. FASEB Journal, 2009, 23, 731.1.	0.2	0
60	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
61	Mechanisms of 1Î±, 25â€Dihydroxyvitamin D regulation of hypoxiaâ€inducible factorâ€1Î± in breast epithelial cells. FASEB Journal, 2010, 24, 217.4.	0.2	0
62	Determining the accuracy of a â€œquickâ€•questionnaire in assessing calcium intake in young healthy women. FASEB Journal, 2010, 24, 563.7.	0.2	0
63	Maternal fructose consumption programs gene expression pattern in intestine of male offspring. FASEB Journal, 2010, 24, 344.3.	0.2	0
64	1,25 dihydroxyvitamin D regulation of energy metabolism in MCF10 human breast epithelial cells. FASEB Journal, 2012, 26, 822.2.	0.2	0
65	1,25â€dihydroxyvitamin D regulation of pyruvate carboxylase and glucose addiction in MCF10Aâ€•ras human breast epithelial cells. FASEB Journal, 2013, 27, 639.19.	0.2	0
66	1,25â€Dihydroxyvitamin D regulates lipid metabolism and metastasis in breast epithelial cells (261.6). FASEB Journal, 2014, 28, 261.6.	0.2	0
67	1Î±,25â€dihydroxyvitamin D 3 Inhibits Adipocyte Mediated Metastatic Capability of Breast Cancer Cells. FASEB Journal, 2017, 31, 300.8.	0.2	0
68	Increased Fatty Acid Synthesis and Catabolism Supports Metastatic Breast Cancer Cell Migration. FASEB Journal, 2022, 36, .	0.2	0
69	Increased Ammonium Toxicity in Response to Exogenous Glutamine in Metastatic Breast Cancer Cells. Metabolites, 2022, 12, 469.	1.3	0