

# Dorothy Teegarden

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5767572/dorothy-teegarden-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68  
papers

2,016  
citations

24  
h-index

44  
g-index

72  
ext. papers

2,227  
ext. citations

3.7  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
68	Increased Ammonium Toxicity in Response to Exogenous Glutamine in Metastatic Breast Cancer Cells. <i>Metabolites</i> , <b>2022</b> , 12, 469	5.6	
67	Vitamin D regulation of energy metabolism in cancer. <i>British Journal of Pharmacology</i> , <b>2021</b> ,	8.6	3
66	Pyruvate carboxylase and cancer progression. <i>Cancer &amp; Metabolism</i> , <b>2021</b> , 9, 20	5.4	7
65	Proteomic Characterization of Cytoplasmic Lipid Droplets in Human Metastatic Breast Cancer Cells. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 576326	5.3	0
64	Increasing undergraduate interdisciplinary exposure through an interdisciplinary web-based video series. <i>Innovations in Education and Teaching International</i> , <b>2020</b> , 57, 317-327	1.3	4
63	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> , <b>2019</b> , 7, 232	6	2
62	Pyruvate carboxylase supports the pulmonary tropism of metastatic breast cancer. <i>Breast Cancer Research</i> , <b>2018</b> , 20, 76	8.3	51
61	1,25-Dihydroxyvitamin D regulates lipid metabolism and glucose utilization in differentiated 3T3-L1 adipocytes. <i>Nutrition Research</i> , <b>2018</b> , 58, 72-83	4	18
60	1,25-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> , <b>2017</b> , 40, 194-200	6.3	23
59	Inhibition of pyruvate carboxylase by 1,25-dihydroxyvitamin D promotes oxidative stress in early breast cancer progression. <i>Cancer Letters</i> , <b>2017</b> , 411, 171-181	9.9	54
58	1,25-dihydroxyvitamin D3 Inhibits Adipocyte Mediated Metastatic Capability of Breast Cancer Cells. <i>FASEB Journal</i> , <b>2017</b> , 31, 300.8	0.9	
57	1,25-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> , <b>2016</b> , 68, 1202-9	2.8	14
56	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> , <b>2016</b> , 163, 147-56	5.1	17
55	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> , <b>2016</b> , 37, 656-68	4.6	60
54	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> , <b>2016</b> , 36, 937-946	4	4
53	Altered glucose metabolism in Harvey-ras transformed MCF10A cells. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 111-20	5	21
52	Effect of time on perceived gains from an undergraduate research program. <i>CBE Life Sciences Education</i> , <b>2014</b> , 13, 139-48	3.4	38

51	1,25-Dihydroxyvitamin D regulates lipid metabolism and metastasis in breast epithelial cells (261.6). <i>FASEB Journal</i> , <b>2014</b> , 28, 261.6	0.9	
50	1,25-dihydroxyvitamin D regulation of glucose metabolism in Harvey-ras transformed MCF10A human breast epithelial cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 138, 81-9	5.1	24
49	Impact of vitamin D supplementation during a resistance training intervention on body composition, muscle function, and glucose tolerance in overweight and obese adults. <i>Clinical Nutrition</i> , <b>2013</b> , 32, 375-81	5.9	39
48	1,25-dihydroxyvitamin D regulation of pyruvate carboxylase and glucose addiction in MCF10A-ras human breast epithelial cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 639.19	0.9	
47	Redefining the impact of nutrition on breast cancer incidence: is epigenetics involved?. <i>Nutrition Research Reviews</i> , <b>2012</b> , 25, 68-95	7	32
46	Vitamin D supplementation during exercise training does not alter inflammatory biomarkers in overweight and obese subjects. <i>European Journal of Applied Physiology</i> , <b>2012</b> , 112, 3045-52	3.4	27
45	1,25 dihydroxyvitamin D regulation of energy metabolism in MCF10 human breast epithelial cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 822.2	0.9	
44	Cancer prevention interdisciplinary education program at Purdue University: overview and preliminary results. <i>Journal of Cancer Education</i> , <b>2011</b> , 26, 626-32	1.8	4
43	1,25-Dihydroxyvitamin D regulates hypoxia-inducible factor-1 in untransformed and Harvey-ras transfected breast epithelial cells. <i>Cancer Letters</i> , <b>2010</b> , 298, 159-66	9.9	15
42	Mechanisms of 1,25-Dihydroxyvitamin D regulation of hypoxia-inducible factor-1 in breast epithelial cells. <i>FASEB Journal</i> , <b>2010</b> , 24, 217.4	0.9	
41	Determining the accuracy of a quick questionnaire in assessing calcium intake in young healthy women. <i>FASEB Journal</i> , <b>2010</b> , 24, 563.7	0.9	
40	Maternal fructose consumption programs gene expression pattern in intestine of male offspring. <i>FASEB Journal</i> , <b>2010</b> , 24, 344.3	0.9	
39	Effects of vitamin D supplementation during exercise training on strength and body composition. <i>FASEB Journal</i> , <b>2010</b> , 24, 917.20	0.9	1
38	Vitamin D: emerging new roles in insulin sensitivity. <i>Nutrition Research Reviews</i> , <b>2009</b> , 22, 82-92	7	153
37	Activation of rapid signaling pathways does not contribute to 1 alpha,25-dihydroxyvitamin D3-induced growth inhibition of mouse prostate epithelial progenitor cells. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 107, 1031-6	4.7	7
36	Mechanisms of nuclear vitamin D receptor resistance in Harvey-ras-transfected cells. <i>Journal of Nutritional Biochemistry</i> , <b>2009</b> , 20, 629-37	6.3	6
35	Parathyroid hormone suppresses insulin signaling in adipocytes. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 307, 77-82	4.4	49
34	Fructose consumption during pregnancy and lactation induced elevated liver triglyceride content and glucose intolerance in rats. <i>FASEB Journal</i> , <b>2009</b> , 23, 219.5	0.9	

33	1 $\alpha$ ,25-Dihydroxyvitamin D Regulates Hypoxia-Inducible Factor-1 $\alpha$ in Breast Epithelial Cells. <i>FASEB Journal</i> , <b>2009</b> , 23, 897.13	0.9	
32	The role of 1 $\alpha$ ,25 dihydroxyvitamin D on muscle hypertrophy and insulin signaling. <i>FASEB Journal</i> , <b>2009</b> , 23, 553.15	0.9	
31	Development and validation of a new LC-MS/MS method for simultaneous detection and quantification of Vitamin D related metabolites. <i>FASEB Journal</i> , <b>2009</b> , 23, 731.1	0.9	
30	Hyperglycemia and hypertriglyceridemia were associated with altered hepatic energy regulation in rat offspring from fructose fed dams. <i>FASEB Journal</i> , <b>2009</b> , 23, 554.2	0.9	
29	Calcium and dairy product modulation of lipid utilization and energy expenditure. <i>Obesity</i> , <b>2008</b> , 16, 1566-72	7.1	
28	Can the controversial relationship between dietary calcium and body weight be mechanistically explained by alterations in appetite and food intake?. <i>Nutrition Reviews</i> , <b>2008</b> , 66, 601-5	6.4	16
27	1 $\alpha$ ,25-Dihydroxyvitamin D hydroxylase in adipocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2008</b> , 112, 122-6	5.1	117
26	Dietary intervention with vitamin D, calcium, and whey protein reduced fat mass and increased lean mass in rats. <i>Nutrition Research</i> , <b>2008</b> , 28, 783-90	4	31
25	1 $\alpha$ ,25-dihydroxyvitamin D regulates vascular endothelial growth factor and hypoxia-inducible factor-1 $\alpha$ in breast epithelial cells. <i>FASEB Journal</i> , <b>2008</b> , 22, 887.4	0.9	
24	Dietary fructose during pregnancy and lactation causes enlarged livers in rat dams and impairs growth of offspring. <i>FASEB Journal</i> , <b>2008</b> , 22, 1115.1	0.9	
23	The effect of increased dietary calcium on fecal fat excretion in overweight and obese adolescents. <i>FASEB Journal</i> , <b>2008</b> , 22, 441.6	0.9	
22	Parathyroid Hormone Suppresses Insulin Signalling in Differentiated Adipocytes. <i>FASEB Journal</i> , <b>2008</b> , 22, 881.3	0.9	1
21	Expression of 1 $\alpha$ -Hydroxylase in Tissues Relevant to Energy Metabolism. <i>FASEB Journal</i> , <b>2007</b> , 21, A1110	0.9	
20	Parathyroid Hormone Modulates Insulin-Stimulated Glucose Uptake in Differentiated Adipocytes. <i>FASEB Journal</i> , <b>2007</b> , 21, A1111	0.9	2
19	Vitamin D-induced anti-cancer effects are blunted in Ki-RAS transformed human prostate epithelial cells. <i>FASEB Journal</i> , <b>2007</b> , 21, A62	0.9	
18	High Dietary Calcium and Vitamin D Effects on Fat Mass Accretion and Expression of Liver Enzymes in Rats. <i>FASEB Journal</i> , <b>2007</b> , 21, A56	0.9	4
17	Effect of 1-year dairy product intervention on fat mass in young women: 6-month follow-up. <i>Obesity</i> , <b>2006</b> , 14, 2242-8	8	45
16	Impact of increasing calcium intake with dairy vs. calcium carbonate on calcium retention in overweight adolescents. <i>FASEB Journal</i> , <b>2006</b> , 20, A992	0.9	

15	Dairy affects acute thermic effect of food in overweight, adolescent boys, but not girls. <i>FASEB Journal</i> , <b>2006</b> , 20, A587	0.9	1
14	Dietary Calcium and the Metabolic Syndrome <b>2006</b> , 401-409		3
13	The influence of dairy product consumption on body composition. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 2749-52	4.1	54
12	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> , <b>2005</b> , 82, 1228-34	7	46
11	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> , <b>2005</b> , 81, 751-6	7	120
10	Dietary calcium intake protects women consuming oral contraceptives from spine and hip bone loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5127-33	5.6	47
9	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> , <b>2005</b> , 81, 751-756	7	84
8	1,25-dihydroxycholecalciferol inhibits apoptosis in C3H10T1/2 murine fibroblast cells through activation of nuclear factor kappaB. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 2948-52	4.1	20
7	Calcium intake and reduction in weight or fat mass. <i>Journal of Nutrition</i> , <b>2003</b> , 133, 249S-251S	4.1	87
6	Ceramide conversion to sphingosine-1-phosphate is essential for survival in C3H10T1/2 cells. <i>Journal of Nutrition</i> , <b>2001</b> , 131, 2826-30	4.1	21
5	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> , <b>2000</b> , 19, 754-60	3.5	197
4	Previous milk consumption is associated with greater bone density in young women. <i>American Journal of Clinical Nutrition</i> , <b>1999</b> , 69, 1014-7	7	139
3	Wheat bran abolishes the inverse relationship between calcium load size and absorption fraction in women. <i>Journal of Nutrition</i> , <b>1996</b> , 126, 303-7	4.1	40
2	Peak bone mass in young women. <i>Journal of Bone and Mineral Research</i> , <b>1995</b> , 10, 711-5	6.3	194
1	Pyruvate carboxylase supports the pulmonary tropism of metastatic breast cancer		3