

# Marnie Newell

## List of Publications by Year in descending order

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44  
papers

2,024  
citations

279487

23  
h-index

253896

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2771  
citing authors

#	ARTICLE	IF	CITATIONS
1	(n-3) PUFA Alter Raft Lipid Composition and Decrease Epidermal Growth Factor Receptor Levels in Lipid Rafts of Human Breast Cancer Cells <sup>1,2</sup> . <i>Journal of Nutrition</i> , 2007, 137, 548-553.	1.3	243
2	Human health benefits of vaccenic acid. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009, 34, 979-991.	0.9	211
3	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. <i>British Journal of Cancer</i> , 2017, 117, 148-155.	2.9	167
4	Mechanisms of omega-3 fatty acid-induced growth inhibition in MDA-MB-231 human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2005, 92, 187-195.	1.1	161
5	The potential for treatment with dietary long-chain polyunsaturated n-3 fatty acids during chemotherapy. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 787-796.	1.9	119
6	Evidence for potential mechanisms for the effect of conjugated linoleic acid on tumor metabolism and immune function: lessons from n <sup>3</sup> fatty acids. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 1190S-1198S.	2.2	87
7	A Critical Review on the Effect of Docosahexaenoic Acid (DHA) on Cancer Cell Cycle Progression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1784.	1.8	86
8	Vaccenic acid favourably alters immune function in obese JCR:LA- cp rats. <i>British Journal of Nutrition</i> , 2009, 102, 526.	1.2	76
9	Effect of providing a formula supplemented with long-chain polyunsaturated fatty acids on immunity in full-term neonates. <i>British Journal of Nutrition</i> , 2008, 99, 91-99.	1.2	71
10	Validation of an LC <sup>MS/MS</sup> method for the quantification of choline-related compounds and phospholipids in foods and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 170-179.	1.2	68
11	Evidence for the essentiality of arachidonic and docosahexaenoic acid in the postnatal maternal and infant diet for the development of the infant's immune system early in life. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 461-475.	0.9	57
12	Dietary Long-Chain (n-3) Fatty Acids Facilitate Immune Cell Activation in Sedentary, but not Exercise-Trained Rats. <i>Journal of Nutrition</i> , 1998, 128, 498-504.	1.3	50
13	Use of micronutrient supplements among pregnant women in Alberta: results from the Alberta Pregnancy Outcomes and Nutrition (APrON) cohort. <i>Maternal and Child Nutrition</i> , 2015, 11, 497-510.	1.4	49
14	Preparation of conjugated linoleic acid from safflower oil. <i>JAOCs, Journal of the American Oil Chemists' Society</i> , 1999, 76, 729-730.	0.8	47
15	Isomers of Conjugated Linoleic Acid (CLA) Are Incorporated into Egg Yolk Lipids by CLA-Fed Laying Hens. <i>Journal of Nutrition</i> , 2000, 130, 2002-2005.	1.3	47
16	Docosahexanoic Acid Improves Chemotherapy Efficacy by Inducing CD95 Translocation to Lipid Rafts in ER <sup>+</sup> Breast Cancer Cells. <i>Lipids</i> , 2012, 47, 1019-1030.	0.7	42
17	Conjugated Linoleic Acid Decreases MCF7 Human Breast Cancer Cell Growth and Insulin-Like Growth Factor-1 Receptor Levels. <i>Lipids</i> , 2009, 44, 449-58.	0.7	41
18	The Form of Choline in the Maternal Diet Affects Immune Development in Suckled Rat Offspring. <i>Journal of Nutrition</i> , 2016, 146, 823-830.	1.3	36

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19	Determination of the Relative Efficacy of Eicosapentaenoic Acid and Docosahexaenoic Acid for Anti-Cancer Effects in Human Breast Cancer Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2607.	1.8	30
20	Role of docosahexaenoic acid in enhancement of docetaxel action in patient-derived breast cancer xenografts. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 357-367.	1.1	25
21	Treatment with DHA Modifies the Response of MDA-MB-231 Breast Cancer Cells and Tumors from nu/nu Mice to Doxorubicin through Apoptosis and Cell Cycle Arrest. <i>Journal of Nutrition</i> , 2019, 149, 46-56.	1.3	25
22	The Role of Dietary Long-Chain N-3 Fatty Acids in Anti-Cancer Immune Defense and R3230AC Mammary Tumor Growth in Rats: Influence of Diet Fat Composition. <i>Breast Cancer Research and Treatment</i> , 2002, 73, 145-160.	1.1	23
23	Effect of Feeding a Formula Supplemented With Long-chain Polyunsaturated Fatty Acids for 14 Weeks Improves the Ex Vivo Response to a Mitogen and Reduces the Response to a Soy Protein in Infants at Low Risk for Allergy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 50, 661-669.	0.9	23
24	Platelet Arachidonic Acid Deficiency May Contribute to Abnormal Platelet Function During Parenteral Fish Oil Monotherapy in a Piglet Model. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 587-591.	1.3	22
25	N-3 Long-Chain Polyunsaturated Fatty Acids, Eicosapentaenoic and Docosahexaenoic Acid, and the Role of Supplementation during Cancer Treatment: A Scoping Review of Current Clinical Evidence. <i>Cancers</i> , 2021, 13, 1206.	1.7	21
26	Pretreatment With an Intravenous Lipid Emulsion Increases Plasma Eicosapentanoic Acid and Downregulates Leukotriene B4, Procalcitonin, and Lymphocyte Concentrations After Open Heart Surgery in Infants. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015, 39, 171-179.	1.3	19
27	Chemotherapy diminishes lipid storage capacity of adipose tissue in a preclinical model of colon cancer. <i>Lipids in Health and Disease</i> , 2017, 16, 247.	1.2	18
28	Feeding a Formula Supplemented With Long Chain Polyunsaturated Fatty Acids Modifies the "Ex Vivo" Cytokine Responses to Food Proteins in Infants at Low Risk for Allergy. <i>Pediatric Research</i> , 2008, 64, 411-417.	1.1	16
29	Feeding a Diet Enriched in Docosahexaenoic Acid to Lactating Dams Improves the Tolerance Response to Egg Protein in Suckled Pups. <i>Nutrients</i> , 2016, 8, 103.	1.7	16
30	A Dietary Supply of Docosahexaenoic Acid Early in Life Is Essential for Immune Development and the Establishment of Oral Tolerance in Female Rat Offspring. <i>Journal of Nutrition</i> , 2016, 146, 2398-2406.	1.3	16
31	The content of docosahexaenoic acid in the maternal diet differentially affects the immune response in lactating dams and suckled offspring. <i>European Journal of Nutrition</i> , 2016, 55, 2255-2264.	1.8	15
32	Comparing docosahexaenoic acid (DHA) concomitant with neoadjuvant chemotherapy versus neoadjuvant chemotherapy alone in the treatment of breast cancer (DHA WIN): protocol of a double-blind, phase II, randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e030502.	0.8	15
33	Effect of polyunsaturated fatty acids in obese mice. <i>Lipids</i> , 1996, 31, S13-S22.	0.7	14
34	The content of docosahexaenoic acid in the suckling and the weaning diet beneficially modulates the ability of immune cells to respond to stimuli. <i>Journal of Nutritional Biochemistry</i> , 2016, 35, 22-29.	1.9	10
35	FABP7 Facilitates Uptake of Docosahexaenoic Acid in Glioblastoma Neural Stem-like Cells. <i>Nutrients</i> , 2021, 13, 2664.	1.7	10
36	Proglucagon and Glucose Transporter mRNA Is Altered by Diet and Disease Susceptibility in 30-Day-Old Biobreeding (BB) Diabetes-Prone and Normal Rats. <i>Pediatric Research</i> , 1998, 44, 68-73.	1.1	10

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37	Bypassing the $\Delta^6$ -desaturase enzyme and directly providing n-3 and n-6 PUFA pathway intermediates reduces the survival of two human breast cancer cell lines. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 1378-1390.	1.0	9
38	Docosahexaenoic Acid Incorporation Is Not Affected by Doxorubicin Chemotherapy in either Whole Cell or Lipid Raft Phospholipids of Breast Cancer Cells <i>in vitro</i> and Tumor Phospholipids <i>in vivo</i> . <i>Lipids</i> , 2020, 55, 549-565.	0.7	8
39	Countercurrent approach to the enrichment of $\Delta^9c,11t$ - and $\Delta^{10t},12c$ -18:2 isomers by urea complexation. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2002, 79, 755-758.	0.8	6
40	Docosahexaenoic acid enrichment of tumor phospholipid membranes increases tumor necroptosis in mice bearing triple negative breast cancer patient-derived xenografts. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109018.	1.9	6
41	Docosahexaenoic Acid in the Inhibition of Tumor Cell Growth in Preclinical Models of Ovarian Cancer. <i>Nutrition and Cancer</i> , 2022, 74, 1431-1445.	0.9	5
42	Feeding a Bioactive Oil Enriched in Stearidonic Acid during Early Life Influences Immune System Maturation in Neonatal Sprague-Dawley Rats. <i>Journal of Nutrition</i> , 2020, 150, 606-615.	1.3	2
43	A Prospective Analysis of Plasma Phospholipid Fatty Acids and Breast Cancer Risk in 2 Provinces in Canada. <i>Current Developments in Nutrition</i> , 2021, 5, nzab022.	0.1	2
44	The addition of docosahexaenoic and arachidonic acid to the diet of artificially reared pups improves the response of splenocytes to lipopolysaccharide. <i>FASEB Journal</i> , 2008, 22, 1098.2.	0.2	0