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	Docosahexaenoic Acid in the Inhibition of Tumor Cell Growth in Preclinical Models of Ovarian Cancer. Nutrition and Cancer, 2022, 74, 1431-1445.	0.9	5
2	Docosahexaenoic acid enrichment of tumor phospholipid membranes increases tumor necroptosis in mice bearing triple negative breast cancer patient-derived xenografts. Journal of Nutritional Biochemistry, 2022, 107, 109018.	1.9	6
3	A Prospective Analysis of Plasma Phospholipid Fatty Acids and Breast Cancer Risk in 2 Provinces in Canada. Current Developments in Nutrition, 2021, 5, nzab022.	0.1	2
4	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. Cancers, 2021, 13, 1206.	1.7	21
5	FABP7 Facilitates Uptake of Docosahexaenoic Acid in Glioblastoma Neural Stem-like Cells. Nutrients, 2021, 13, 2664.	1.7	10
6	Feeding a Bioactive Oil Enriched in Stearidonic Acid during Early Life Influences Immune System Maturation in Neonatal Sprague-Dawley Rats. Journal of Nutrition, 2020, 150, 606-615.	1.3	2
7	Docosahexaenoic Acid Incorporation Is Not Affected by Doxorubicin Chemotherapy in either Whole Cell or Lipid Raft Phospholipids of Breast Cancer Cellsin vitroand Tumor Phospholipidsin vivo. Lipids, 2020, 55, 549-565.	0.7	8
8	Role of docosahexaenoic acid in enhancement of docetaxel action in patient-derived breast cancer xenografts. Breast Cancer Research and Treatment, 2019, 177, 357-367.	1.1	25
9	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. BMJ Open, 2019, 9, e030502.	0.8	15
10	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. Journal of Nutrition, 2019, 149, 46-56.	1.3	25
11	Subcutaneous adiposity is an independent predictor of mortality in cancer patients. British Journal of Cancer, 2017, 117, 148-155.	2.9	167
12	A Critical Review on the Effect of Docosahexaenoic Acid (DHA) on Cancer Cell Cycle Progression. International Journal of Molecular Sciences, 2017, 18, 1784.	1.8	86
13	Chemotherapy diminishes lipid storage capacity of adipose tissue in a preclinical model of colon cancer. Lipids in Health and Disease, 2017, 16, 247.	1.2	18
14	Determination of the Relative Efficacy of Eicosapentaenoic Acid and Docosahexaenoic Acid for Anti-Cancer Effects in Human Breast Cancer Models. International Journal of Molecular Sciences, 2017, 18, 2607.	1.8	30
15	The Form of Choline in the Maternal Diet Affects Immune Development in Suckled Rat Offspring. Journal of Nutrition, 2016, 146, 823-830.	1.3	36
16	Feeding a Diet Enriched in Docosahexaenoic Acid to Lactating Dams Improves the Tolerance Response to Egg Protein in Suckled Pups. Nutrients, 2016, 8, 103.	1.7	16
17	A Dietary Supply of Docosahexaenoic Acid Early in Life Is Essential for Immune Development and the Establishment of Oral Tolerance in Female Rat Offspring. Journal of Nutrition, 2016, 146, 2398-2406.	1.3	16
18	The content of docosahexaenoic acid in the suckling and the weaning diet beneficially modulates the ability of immune cells to response to stimuli. Journal of Nutritional Biochemistry, 2016, 35, 22-29.	1.9	10

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19	The content of docosahexaenoic acid in the maternal diet differentially affects the immune response in lactating dams and suckled offspring. European Journal of Nutrition, 2016, 55, 2255-2264.	1.8	15
20	Evidence for the essentiality of arachidonic and docosahexaenoic acid in the postnatal maternal and infant diet for the development of the infantâ€™s immune system early in life. Applied Physiology, Nutrition and Metabolism, 2016, 41, 461-475.	0.9	57
21	Platelet Arachidonic Acid Deficiency May Contribute to Abnormal Platelet Function During Parenteral Fish Oil Monotherapy in a Piglet Model. Journal of Parenteral and Enteral Nutrition, 2016, 40, 587-591.	1.3	22
22	Use of micronutrient supplements among pregnant women in <scp>A</scp>lberta: results from the <scp>A</scp>lberta <scp>P</scp>regnancy <scp>O</scp>utcomes and <scp>N</scp>utrition (<scp>APrON</scp>) cohort. Maternal and Child Nutrition, 2015, 11, 497-510.	1.4	49
23	Bypassing the Î”6-desaturase enzyme and directly providing n-3 and n-6 PUFA pathway intermediates reduces the survival of two human breast cancer cell lines. European Journal of Lipid Science and Technology, 2015, 117, 1378-1390.	1.0	9
24	Pretreatment With an Intravenous Lipid Emulsion Increases Plasma Eicosapentanoic Acid and Downregulates Leukotriene B4, Procalcitonin, and Lymphocyte Concentrations After Open Heart Surgery in Infants. Journal of Parenteral and Enteral Nutrition, 2015, 39, 171-179.	1.3	19
25	Validation of an LCâ€“MS/MS method for the quantification of choline-related compounds and phospholipids in foods and tissues. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 911, 170-179.	1.2	68
26	Docosahexanoic Acid Improves Chemotherapy Efficacy by Inducing CD95 Translocation to Lipid Rafts in ER^{â^’} Breast Cancer Cells. Lipids, 2012, 47, 1019-1030.	0.7	42
27	Effect of Feeding a Formula Supplemented With Longâ€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. Journal of Pediatric Gastroenterology and Nutrition, 2010, 50, 661-669.	0.9	23
28	Conjugated Linoleic Acid Decreases MCFâ€7 Human Breast Cancer Cell Growth and Insulinâ€Like Growth Factorâ€1 Receptor Levels. Lipids, 2009, 44, 449-58.	0.7	41
29	Human health benefits of vaccenic acid. Applied Physiology, Nutrition and Metabolism, 2009, 34, 979-991.	0.9	211
30	Vaccenic acid favourably alters immune function in obese JCR:LA- cp rats. British Journal of Nutrition, 2009, 102, 526.	1.2	76
31	The potential for treatment with dietary long-chain polyunsaturated n-3 fatty acids during chemotherapy. Journal of Nutritional Biochemistry, 2008, 19, 787-796.	1.9	119
32	Feeding a Formula Supplemented With Long Chain Polyunsaturated Fatty Acids Modifies the â€œEx Vivoâ€• Cytokine Responses to Food Proteins in Infants at Low Risk for Allergy. Pediatric Research, 2008, 64, 411-417.	1.1	16
33	Effect of providing a formula supplemented with long-chain polyunsaturated fatty acids on immunity in full-term neonates. British Journal of Nutrition, 2008, 99, 91-99.	1.2	71
34	The addition of docosahexaenoic and arachidonic acid to the diet of artificially reared pups improves the response of splenocytes to lipopolysaccharide. FASEB Journal, 2008, 22, 1098.2.	0.2	0
35	(n-3) PUFA Alter Raft Lipid Composition and Decrease Epidermal Growth Factor Receptor Levels in Lipid Rafts of Human Breast Cancer Cells1,2. Journal of Nutrition, 2007, 137, 548-553.	1.3	243
36	Mechanisms of omega-3 fatty acid-induced growth inhibition in MDA-MB-231 human breast cancer cells. Breast Cancer Research and Treatment, 2005, 92, 187-195.	1.1	161

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37	Evidence for potential mechanisms for the effect of conjugated linoleic acid on tumor metabolism and immune function: lessons from nâˆ'3 fatty acids. American Journal of Clinical Nutrition, 2004, 79, 1190S-1198S.	2.2	87
38	Countercurrent approach to the enrichment of Î"9c ,11t -and Î"10t ,12c -18:2 isomers by urea complexation. JAOCS, Journal of the American Oil Chemists' Society, 2002, 79, 755-758.	0.8	6
39	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. Breast Cancer Research and Treatment, 2002, 73, 145-160.	1.1	23
40	Isomers of Conjugated Linoleic Acid (CLA) Are Incorporated into Egg Yolk Lipids by CLA-Fed Laying Hens. Journal of Nutrition, 2000, 130, 2002-2005.	1.3	47
41	Preparation of conjugated linoleic acid from safflower oil. JAOCS, Journal of the American Oil Chemists' Society, 1999, 76, 729-730.	0.8	47
42	Dietary Long-Chain (n-3) Fatty Acids Facilitate Immune Cell Activation in Sedentary, but not Exercise-Trained Rats. Journal of Nutrition, 1998, 128, 498-504.	1.3	50
43	Proglucagon and Glucose Transporter mRNA Is Altered by Diet and Disease Susceptibility in 30-Day-Old Biobreeding (BB) Diabetes-Prone and Normal Rats. Pediatric Research, 1998, 44, 68-73.	1.1	10
44	Effect of polyunsaturated fatty acids in obese mice. Lipids, 1996, 31, S13-S22.	0.7	14