Martha A Belury

List of Publications by Year
in descending order

94 papers	5,421 citations	117625 34 h-index	79698 73 g-index
95 all docs	95 docs citations	95 times ranked	5833 citing authors

#	Article	IF	Citations
1	D<scp>IETARY</scp> C<scp>ONJUGATED</scp> L<scp>INOLEIC</scp> A<scp>CID IN</scp> H<scp>EALTH</scp>: Physiological Effects and Mechanisms of Action. Annual Review of Nutrition, 2002, 22, 505-531.	10.1	732
2	Dietary Conjugated Linoleic Acid Normalizes Impaired Glucose Tolerance in the Zucker Diabetic Fattyfa/faRat. Biochemical and Biophysical Research Communications, 1998, 244, 678-682.	2.1	567
3	Conjugated linoleic acid is a potent naturally occurring ligand and activator of PPARÎ±. Journal of Lipid Research, 1999, 40, 1426-1433.	4.2	348
4	Conjugated linoleic acid modulates hepatic lipid composition in mice. Lipids, 1997, 32, 199-204.	1.7	326
5	Inhibition of Carcinogenesis by Conjugated Linoleic Acid: Potential Mechanisms of Action. Journal of Nutrition, 2002, 132, 2995-2998.	2.9	256
6	Omega-3 supplementation lowers inflammation and anxiety in medical students: A randomized controlled trial. Brain, Behavior, and Immunity, 2011, 25, 1725-1734.	4.1	249
7	Omega-3 fatty acids, oxidative stress, and leukocyte telomere length: A randomized controlled trial. Brain, Behavior, and Immunity, 2013, 28, 16-24.	4.1	211
8	Omega-3 supplementation lowers inflammation in healthy middle-aged and older adults: A randomized controlled trial. Brain, Behavior, and Immunity, 2012, 26, 988-995.	4.1	184
9	Dietary conjugated Linoleic acid modulation of phorbol ester skin tumor promotion. Nutrition and Cancer, 1996, 26, 149-157.	2.0	177
10	The Conjugated Linoleic Acid (CLA) Isomer, t10c12-CLA, Is Inversely Associated with Changes in Body Weight and Serum Leptin in Subjects with Type 2 Diabetes Mellitus. Journal of Nutrition, 2003, 133, 257S-260S.	2.9	153
11	Evidence for the contribution of insulin resistance to the development of cachexia in tumorâ€bearing mice. International Journal of Cancer, 2010, 126, 756-763.	5.1	145
12	Comparison of dietary conjugated linoleic acid with safflower oil on body composition in obese postmenopausal women with type 2 diabetes mellitus. American Journal of Clinical Nutrition, 2009, 90, 468-476.	4.7	139
13	Dietary conjugated linoleic acid induces peroxisome-specific enzyme accumulation and ornithine decarboxylase activity in mouse liver. Journal of Nutritional Biochemistry, 1997, 8, 579-584.	4.2	127
14	Dietary Omega-3 Fatty Acid Supplementation Reduces Inflammation in Obese Pregnant Women: A Randomized Double-Blind Controlled Clinical Trial. PLoS ONE, 2015, 10, e0137309.	2.5	102
15	The flavonoid, naringenin, decreases adipose tissue mass and attenuates ovariectomy-associated metabolic disturbances in mice. Nutrition and Metabolism, 2015, 12, 1.	3.0	87
16	Marital distress, depression, and a leaky gut: Translocation of bacterial endotoxin as a pathway to inflammation. Psychoneuroendocrinology, 2018, 98, 52-60.	2.7	83
17	Ï‰-3 Fatty acid supplements in women at high risk of breast cancer have dose-dependent effects on breast adipose tissue fatty acid composition. American Journal of Clinical Nutrition, 2010, 91, 1185-1194.	4.7	81
18	Cardiac alterations in cancer-induced cachexia in mice. International Journal of Oncology, 2010, 37, 347-53.	3.3	68

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19	Adipose tissue lipolysis and energy metabolism in early cancer cachexia in mice. Cancer Biology and Therapy, 2015, 16, 886-897.	3.4	65
20	Combined effects of rosiglitazone and conjugated linoleic acid on adiposity, insulin sensitivity, and hepatic steatosis in high-fat-fed mice. American Journal of Physiology - Renal Physiology, 2007, 292, G1671-G1682.	3.4	62
21	Conjugated linoleic acid fails to worsen insulin resistance but induces hepatic steatosis in the presence of leptin in ob/ob mice. Journal of Lipid Research, 2008, 49, 98-106.	4.2	59
22	Daily Stressors, Past Depression, and Metabolic Responses to High-Fat Meals: A Novel Path to Obesity. Biological Psychiatry, 2015, 77, 653-660.	1.3	58
23	Conjugated linoleic acids (CLA) as precursors of a distinct family of PUFA. Lipids, 2004, 39, 1143-1146.	1.7	56
24	Selective induction of apoptosis in murine skin carcinoma cells (CH72) by an ethanol extract of Lentinula edodes. Cancer Letters, 2005, 220, 21-28.	7.2	56
25	Time-dependent effects of safflower oil to improve glycemia, inflammation and blood lipids in obese, post-menopausal women with type 2 diabetes: A randomized, double-masked, crossover study. Clinical Nutrition, 2011, 30, 443-449.	5.0	56
26	Linoleic acid, glycemic control and Type 2 diabetes. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 132, 30-33.	2.2	56
27	Marital discord, past depression, and metabolic responses to high-fat meals: Interpersonal pathways to obesity. Psychoneuroendocrinology, 2015, 52, 239-250.	2.7	48
28	Fatty food, fatty acids, and microglial priming in the adult and aged hippocampus and amygdala. Brain, Behavior, and Immunity, 2020, 89, 145-158.	4.1	47
29	Conjugated linoleic acid modulation of phorbol ester-induced events in murine keratinocytes. Lipids, 1997, 32, 725-730.	1.7	45
30	Citrus flavonoid naringenin reduces mammary tumor cell viability, adipose mass, and adipose inflammation in obese ovariectomized mice. Molecular Nutrition and Food Research, 2017, 61, 1600934.	3.3	44
31	Rosiglitazone delayed weight loss and anorexia while attenuating adipose depletion in mice with cancer cachexia. Cancer Biology and Therapy, 2011, 12, 957-965.	3.4	39
32	Erythrocyte linoleic acid, but not oleic acid, is associated with improvements in body composition in men and women. Molecular Nutrition and Food Research, 2016, 60, 1206-1212.	3.3	39
33	Modeled replacement of traditional soybean and canola oil with high-oleic varieties increases monounsaturated fatty acid and reduces both saturated fatty acid and polyunsaturated fatty acid intake in the US adult population. American Journal of Clinical Nutrition, 2018, 108, 594-602.	4.7	38
34	Polyunsaturated Fatty Acid (PUFA) Status in Pregnant Women: Associations with Sleep Quality, Inflammation, and Length of Gestation. PLoS ONE, 2016, 11, e0148752.	2.5	37
35	Conjugated linoleic acid does not reduce body fat but decreases hepatic steatosis in adult Wistar rats. Journal of Nutritional Biochemistry, 2007, 18, 676-684.	4.2	36
36	Prospective Analysis of Lipid Composition Changes with Antiretroviral Therapy and Immune Activation in Persons Living with HIV. Pathogens and Immunity, 2017, 2, 376.	3.1	36

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37	Maintenance of adiponectin attenuates insulin resistance induced by dietary conjugated linoleic acid in mice. Journal of Lipid Research, 2007, 48, 444-452.	4.2	35
38	The citrus fruit flavonoid naringenin suppresses hepatic glucose production from Fao hepatoma cells. Molecular Nutrition and Food Research, 2009, 53, 300-307.	3.3	35
39	Altered Lipidome Composition Is Related to Markers of Monocyte and Immune Activation in Antiretroviral Therapy Treated Human Immunodeficiency Virus (HIV) Infection and in Uninfected Persons. Frontiers in Immunology, 2019, 10, 785.	4.8	34
40	Citrus flavonoid, naringenin, increases locomotor activity and reduces diacylglycerol accumulation in skeletal muscle of obese ovariectomized mice. Molecular Nutrition and Food Research, 2016, 60, 313-324.	3.3	32
41	Omega-3 Fatty Acid Plasma Levels Before and After Supplementation: Correlations with Mood and Clinical Outcomes in the Omega-3 and Therapy Studies. Journal of Child and Adolescent Psychopharmacology, 2017, 27, 223-233.	1.3	30
42	Conjugated Linoleic Acid Induces Uncoupling Protein 1 in White Adipose Tissue of ob/ob Mice. Lipids, 2009, 44, 975-982.	1.7	27
43	Short-term food restriction followed by controlled refeeding promotes gorging behavior, enhances fat deposition, and diminishes insulin sensitivity in mice. Journal of Nutritional Biochemistry, 2015, 26, 721-728.	4.2	24
44	Effects of conjugated linoleic acid and troglitazone on lipid accumulation and composition in lean and Zucker diabetic fatty (fa/fa) rats. Lipids, 2006, 41, 241-247.	1.7	23
45	Randomized placebo-controlled pilot trial of omega 3 fatty acids for prevention of aromatase inhibitor-induced musculoskeletal pain. Breast Cancer Research and Treatment, 2018, 167, 709-718.	2.5	22
46	c9t11â€Conjugated linoleic acidâ€rich oil fails to attenuate wasting in colonâ€26 tumorâ€induced lateâ€stage cancer cachexia in male CD2F1 mice. Molecular Nutrition and Food Research, 2011, 55, 268-277.	3.3	21
47	Hepatic steatosis by dietaryâ€conjugated linoleic acid is accompanied by accumulation of diacylglycerol and increased membraneâ€associated protein kinase C Îµ in mice. Molecular Nutrition and Food Research, 2011, 55, 1010-1017.	3.3	21
48	Potential health benefits of conjugated trienoic acids. Lipid Technology, 2007, 19, 200-203.	0.3	17
49	Long-chain Ï‰-3 fatty acid intake and endometrial cancer risk in the Womenâ€™s Health Initiative. American Journal of Clinical Nutrition, 2015, 101, 824-834.	4.7	17
50	A proinflammatory diet is associated with inflammatory gene expression among healthy, non-obese adults: Can social ties protect against the risks?. Brain, Behavior, and Immunity, 2019, 82, 36-44.	4.1	16
51	Omega-3 supplementation and stress reactivity of cellular aging biomarkers: an ancillary substudy of a randomized, controlled trial in midlife adults. Molecular Psychiatry, 2021, 26, 3034-3042.	7.9	14
52	Arachidonate Has Protumor-Promoting Action that is Inhibited by Linoleate in Mouse Skin Carcinogenesis. Journal of Nutrition, 1996, 126, 1099S-1104S.	2.9	13
53	Body weight affects Ï‰-3 polyunsaturated fatty acid (PUFA) accumulation in youth following supplementation in post-hoc analyses of a randomized controlled trial. PLoS ONE, 2017, 12, e0173087.	2.5	13
54	Raspberry ketone fails to reduce adiposity beyond decreasing food intake in C57BL/6 mice fed a high-fat diet. Food and Function, 2017, 8, 1512-1518.	4.6	12

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55	Low Sucrose, Omega-3 Enriched Diet Has Region-Specific Effects on Neuroinflammation and Synaptic Function Markers in a Mouse Model of Doxorubicin-Based Chemotherapy. Nutrients, 2018, 10, 2004.	4.1	10
56	Calcium Bioavailability of Vegetarian Diets in Rats: Potential Application in a Bioregenerative Life-Support System. Journal of Food Science, 1997, 62, 619-621.	3.1	9
57	Metabolic Interactions between Vitamin A and Conjugated Linoleic Acid. Nutrients, 2014, 6, 1262-1272.	4.1	9
58	Afternoon distraction: a high-saturated-fat meal and endotoxemia impact postmeal attention in a randomized crossover trial. American Journal of Clinical Nutrition, 2020, 111, 1150-1158.	4.7	9
59	Linoleic Acidâ€“Rich Oil Supplementation Increases Total and High-Molecular-Weight Adiponectin and Alters Plasma Oxylipins in Postmenopausal Women with Metabolic Syndrome. Current Developments in Nutrition, 2020, 4, nzaa136.	0.3	6
60	Phosphorus-31 Magnetic Resonance Spectroscopy: A Tool for Measuring In Vivo Mitochondrial Oxidative Phosphorylation Capacity in Human Skeletal Muscle. Journal of Visualized Experiments, 2017, , .	0.3	5
61	Omega-6 fatty acids, inflammation and cardiometabolic health: Overview of supplementary issue. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 139, 1-2.	2.2	5
62	Higher tumor mass and lower adipose mass are associated with colonâ€‘26 adenocarcinomaâ€‘induced cachexia in male, female and ovariectomized mice. Oncology Reports, 2019, 41, 2909-2918.	2.6	5
63	Evaluation of a Rapid Assessment Questionnaire Using a Biomarker for Dietary Intake of nâ€3 Fatty Acids. Lipids, 2019, 54, 321-328.	1.7	4
64	Dietary Naringenin Preserves Insulin Sensitivity and Grip Strength and Attenuates Inflammation but Accelerates Weight Loss in a Mouse Model of Cancer Cachexia. Molecular Nutrition and Food Research, 2021, 65, e2100268.	3.3	4
65	Impact of Amount and Triglyceride (TG) Structure on Micellarization of Dietary Carotenoids during Simulated Digestion. FASEB Journal, 2007, 21, A730.	0.5	4
66	Altered Plasma Fatty Acid Abundance Is Associated with Cachexia in Treatment-NaÃ¯ve Pancreatic Cancer. Cells, 2022, 11, 910.	4.1	4
67	Modeled Substitution of Traditional Oils with Highâ€“Oleic Acid Oils Decreases Essential Fatty Acid Intake in Children. American Journal of Clinical Nutrition, 2022, 115, 1180-1188.	4.7	4
68	Perceived social support predicts self-reported and objective health and health behaviors among pregnant women. Journal of Behavioral Medicine, 2022, 45, 589-602.	2.1	4
69	Linoleic Acidâ€Rich Oil Alters Circulating Cardiolipin Species and Fatty Acid Composition in Adults: A Randomized Controlled Trial. Molecular Nutrition and Food Research, 2022, 66, .	3.3	4
70	Blood level of adiponectin is positively associated with lean mass in women without type 2 diabetes. Menopause, 2019, 26, 1311-1317.	2.0	3
71	Weighing Evidence of the Role of Saturated and Unsaturated Fats and Human Health. Advances in Nutrition, 2022, 13, 686-688.	6.4	3
72	Frequent Interpersonal Stress and Inflammatory Reactivity Predict Depressive-Symptom Increases: Two Tests of the Social-Signal-Transduction Theory of Depression. Psychological Science, 2022, 33, 152-164.	3.3	3

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73	Association of Specific Dietary Fats With Mortality. JAMA Internal Medicine, 2016, 176, 1878.	5.1	2
74	Erythrocyte Long-Chain Ï‰-3 Fatty Acids Are Positively Associated with Lean Mass and Grip Strength in Women with Recent Diagnoses of Breast Cancer. Journal of Nutrition, 2021, 151, 2125-2133.	2.9	2
75	Stress, Depression, and Metabolism: Replies to Bohan Brown et al. and Barton and Yancy. Biological Psychiatry, 2015, 78, e13-e14.	1.3	1
76	Plasma lipidome abnormalities in people with HIV initiating antiretroviral therapy. Translational Medicine Communications, 2020, 5, .	1.4	1
77	Activation of peroxisome proliferatorâ€activated receptor (PPAR)Î± by conjugated linoleic acid is modulated by Protein Kinase C Îµ. FASEB Journal, 2006, 20, A1000.	0.5	1
78	Effect of conjugated linoleic acid supplementation on rosiglitazone treatment in Ob/Ob mice. FASEB Journal, 2006, 20, A550.	0.5	1
79	Introduction. Journal of Nutrition, 1999, 129, 569S-570S.	2.9	0
80	Using Fish Oil to Prevent Anthracycline-Induced Cardiotoxicity. Current Developments in Nutrition, 2020, 4, nzaa044_002.	0.3	0
81	The Relationship of Plasma Linoleic Acid and Oleic Acid Levels with Markers of Inflammation and Glycemia in Healthy Adults. Current Developments in Nutrition, 2020, 4, nzaa049_011.	0.3	0
82	Markers of Metabolism in Skeletal Muscle and White Adipose Tissue are Distinctly Altered by Differing Dietary Oils in ob/ob Mice. Current Developments in Nutrition, 2020, 4, nzaa049_054.	0.3	0
83	Conjugated Linoleic Acid. , 2004, , 209-219.		0
84	Dietary Conjugated Linoleic Acid (CLA) Attenuates Hepatic Steatosis by Modifying Stearoylâ€CoA Desaturase (SCDâ€1) mRNA and Activity in Highâ€Fatâ€Fed Rats. FASEB Journal, 2006, 20, A574.	0.5	0
85	Is There a Role for Conjugated Linoleic Acid to Aid in the Prevention of Type 2 Diabetes?. , 2006, , 263-273.		0
86	Leptin prevents insulin resistance induced by conjugated linoleic acid in obese mice. FASEB Journal, 2006, 20, .	0.5	0
87	Conjugated Linoleic Acid. , 2007, , .		0
88	Fermented Soy Diet Reduces Weight Gain and Alters Liver Fatty Acid Composition in mice Fed a High Fat Diet. FASEB Journal, 2008, 22, 892.3.	0.5	0
89	Evidence for the involvement of early insulin resistance in the development of cachexia in mice bearing colonâ€26 tumors. FASEB Journal, 2008, 22, 1089.5.	0.5	0
90	Fermented Soy Product Reduces Adipose Mass, Improves Insulin Sensitivity and Alters Adipose Tissue Gene Products in Mice. FASEB Journal, 2008, 22, 892.6.	0.5	0

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91	Dysregulation of lipid metabolism in cardiac muscle of mice with cachexia. FASEB Journal, 2008, 22, 147.5.	0.5	0
92	Relationships between features of metabolic syndrome and fatty acid composition of the diet, plasma, and adipose tissue in older adults. FASEB Journal, 2012, 26, 819.26.	0.5	0
93	The effect of naringenin on the phosphorylation of AMPK in dietâ€induced obese mice. FASEB Journal, 2012, 26, 818.2.	0.5	0
94	Relationship of plasma levels of Câ€reactive protein and adiponectin and change of lean body mass in obese postmenopausal women supplemented with safflower oil. FASEB Journal, 2013, 27, 360.3.	0.5	0