Gabriella Calviello

List of Publications by Year
in descending order

83 papers	3,893 citations	101543 36 h-index	128289 60 g-index
83 all docs	83 docs citations	83 times ranked	4569 citing authors

#	Article	IF	Citations
1	Recent Advances in Nanotechnology for the Treatment of Melanoma. Molecules, 2021, 26, 785.	3.8	42
2	Characterization of a hyaluronic acid and folic acid-based hydrogel for cisplatin delivery: Antineoplastic effect in human ovarian cancer cells in vitro. International Journal of Pharmaceutics, 2021, 606, 120899.	5.2	15
3	New Insights on the Effects of Dietary Omega-3 Fatty Acids on Impaired Skin Healing in Diabetes and Chronic Venous Leg Ulcers. Foods, 2021, 10, 2306.	4.3	7
4	Omega-3 PUFA Responders and Non-Responders and the Prevention of Lipid Dysmetabolism and Related Diseases. Nutrients, 2020, 12, 1363.	4.1	25
5	The Combination of Sulforaphane and FernblockÂ® XP Improves Individual Beneficial Effects in Normal and Neoplastic Human Skin Cell Lines. Nutrients, 2020, 12, 1608.	4.1	11
6	Anti-Irritant and Anti-Inflammatory Effects of DHA Encapsulated in Resveratrol-Based Solid Lipid Nanoparticles in Human Keratinocytes. Nutrients, 2019, 11, 1400.	4.1	20
7	Xanthan gum-based materials for omega-3 PUFA delivery: Preparation, characterization and antineoplastic activity evaluation. Carbohydrate Polymers, 2019, 208, 431-440.	10.2	27
8	Nanomedicine-based formulations containing ω-3 polyunsaturated fatty acids: potential application in cardiovascular and neoplastic diseases . International Journal of Nanomedicine, 2019, Volume 14, 2809-2828.	6.7	31
9	Combination of Ï‰-3 fatty acids and cisplatin as a potential alternative strategy for personalized therapy of metastatic melanoma: an in-vitro study. Melanoma Research, 2019, 29, 270-280.	1.2	9
10	Omega-3 PUFA Loaded in Resveratrol-Based Solid Lipid Nanoparticles: Physicochemical Properties and Antineoplastic Activities in Human Colorectal Cancer Cells In Vitro. International Journal of Molecular Sciences, 2018, 19, 586.	4.1	78
11	Long-chain n-3 PUFA against breast and prostate cancer: Which are the appropriate doses for intervention studies in animals and humans?. Critical Reviews in Food Science and Nutrition, 2017, 57, 2245-2262.	10.3	29
12	Protective Effects of Ï‰-3 PUFA in Anthracycline-Induced Cardiotoxicity: A Critical Review. International Journal of Molecular Sciences, 2017, 18, 2689.	4.1	20
13	Modulation of Ras/ERK and Phosphoinositide Signaling by Long-Chain n-3 PUFA in Breast Cancer and Their Potential Complementary Role in Combination with Targeted Drugs. Nutrients, 2017, 9, 185.	4.1	27
14	Reduction of Oxidative/Nitrosative Stress in Brain and its Involvement in the Neuroprotective Effect of n-3 PUFA in Alzheimer's Disease. Current Alzheimer Research, 2016, 13, 123-134.	1.4	43
15	How plausible is the use of dietary n-3 PUFA in the adjuvant therapy of cancer?. Nutrition Research Reviews, 2016, 29, 102-125.	4.1	28
16	Role of Î²-catenin signaling in the anti-invasive effect of the omega-3 fatty acid DHA in human melanoma cells. Journal of Dermatological Science, 2016, 84, 149-159.	1.9	18
17	Epigenetic regulation of gene expression and M2 macrophage polarization as new potential omega-3 polyunsaturated fatty acid targets in colon inflammation and cancer. Expert Opinion on Therapeutic Targets, 2016, 20, 843-858.	3.4	26
18	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. BioMed Research International, 2015, 2015, 1-24.	1.9	76

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19	Ï‰-3 PUFAs in the Prevention and Cure of Inflammatory, Degenerative, and Neoplastic Diseases 2014. BioMed Research International, 2015, 2015, 1-2.	1.9	5
20	Antioxidant and Anti-Inflammatory Effects of Selected Natural Compounds Contained in a Dietary Supplement on Two Human Immortalized Keratinocyte Lines. BioMed Research International, 2014, 2014, 1-11.	1.9	38
21	Potential of long-chain n-3 polyunsaturated fatty acids in melanoma prevention. Nutrition Reviews, 2014, 72, 255-266.	5.8	19
22	RE: Serum Phospholipid Fatty Acids and Prostate Cancer Risk in the SELECT Trial. Journal of the National Cancer Institute, 2014, 106, dju023-dju023.	6.3	6
23	Experimental Evidence of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>Ï‰</mml:mi></mml:mrow></mml:math>-3 Polyunsaturated Fatty Acid Modulation of Inflammatory Cytokines and Bioactive Lipid Mediators: Their Potential Role in Inflammatory, Neurodegenerative, and Neoplastic Diseases. BioMed Research International, 2013, 2013, 1-13.	1.9	64
24	-3 PUFAs in the Prevention and Cure of Inflammatory, Degenerative, and Neoplastic Diseases. BioMed Research International, 2013, 2013, 1-2.	1.9	3
25	DHA induces apoptosis and differentiation in human melanoma cells in vitro : involvement of HuR-mediated COX-2 mRNA stabilization and Î²-catenin nuclear translocation. Carcinogenesis, 2012, 33, 164-173.	2.8	57
26	EPA and DHA Differentially Affect In Vitro Inflammatory Cytokine Release by Peripheral Blood Mononuclear Cells from Alzheimerâ€™s Patients. Current Alzheimer Research, 2012, 9, 913-923.	1.4	43
27	DHA induces apoptosis by altering the expression and cellular location of GRP78 in colon cancer cell lines. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1762-1772.	3.8	68
28	Apoptosis as a Mechanism Involved in the Anticancer Effect of Dietary n-3 Polyunsaturated Fatty Acids. , 2012, , 123-147.		2
29	Dietary n-3 Polyunsaturated Fatty Acids and the Paradox of Their Health Benefits and Potential Harmful Effects. Chemical Research in Toxicology, 2011, 24, 2093-2105.	3.3	89
30	Docosahexaenoic acid reverts resistance to UV-induced apoptosis in human keratinocytes: involvement of COX-2 and HuR. Journal of Nutritional Biochemistry, 2011, 22, 874-885.	4.2	31
31	Fish from an artificial lake: n-3 PUFA content and chemicalâ€“physical and ecological features of the lake. Journal of Food Composition and Analysis, 2010, 23, 133-141.	3.9	9
32	Ï‰-3 PUFAs and Colon Cancer: Experimental Studies and Human Interventional Trials. , 2010, , 67-89.		1
33	Dietary polyunsaturated fatty acids as inducers of apoptosis: implications for cancer. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 135-152.	4.9	133
34	Docosahexaenoic acid induces apoptosis in lung cancer cells by increasing MKP-1 and down-regulating p-ERK1/2 and p-p38 expression. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1172-1183.	4.9	70
35	Growth, viability, adhesion potential, and fibronectin expression in fibroblasts cultured on zirconia or feldspatic ceramics <i>in vitro</i>. Journal of Biomedical Materials Research - Part A, 2008, 86A, 959-968.	4.0	28
36	Alzheimers Disease and n-3 Polyunsaturated Fatty Acids: Beneficial Effects and Possible Molecular Pathways Involved. Current Signal Transduction Therapy, 2008, 3, 152-157.	0.5	12

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37	Docosahexaenoic acid induces proteasome-dependent degradation of Â-catenin, down-regulation of survivin and apoptosis in human colorectal cancer cells not expressing COX-2. Carcinogenesis, 2007, 28, 1202-1209.	2.8	105
38	Human parathyroid hormone-related protein and human parathyroid hormone receptor type 1 are expressed in human medulloblastomas and regulate cell proliferation and apoptosis in medulloblastoma-derived cell lines. Acta Neuropathologica, 2007, 114, 135-145.	7.7	16
39	Carotenoids as Modulators of Intracellular Signaling Pathways. Current Signal Transduction Therapy, 2006, 1, 325-335.	0.5	11
40	DNA damage and apoptosis induction by the pesticide Mancozeb in rat cells: Involvement of the oxidative mechanism. Toxicology and Applied Pharmacology, 2006, 211, 87-96.	2.8	153
41	Dual role of Â-carotene in combination with cigarette smoke aqueous extract on the formation of mutagenic lipid peroxidation products in lung membranes: dependence on pO2. Carcinogenesis, 2006, 27, 2383-2391.	2.8	41
42	Î²-Carotene and Cigarette Smoke Condensate Regulate Heme Oxygenase-1 and Its Repressor Factor Bach1: Relationship with Cell Growth. Antioxidants and Redox Signaling, 2006, 8, 1069-1080.	5.4	33
43	n-3 Polyunsaturated Fatty Acids as Signal Transduction Modulators and Therapeutical Agents in Cancer. Current Signal Transduction Therapy, 2006, 1, 255-271.	0.5	25
44	Î²-Carotene Downregulates the Steady-State and Heregulin-Î±â€"Induced COX-2 Pathways in Colon Cancer Cells. Journal of Nutrition, 2005, 135, 129-136.	2.9	63
45	Docosahexaenoic acid enhances the susceptibility of human colorectal cancer cells to 5-fluorouracil. Cancer Chemotherapy and Pharmacology, 2005, 55, 12-20.	2.3	88
46	Lycopene induces apoptosis in immortalized fibroblasts exposed to tobacco smoke condensate through arresting cell cycle and down-regulating cyclin D1, pAKT and pBad. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 1445-1456.	4.9	52
47	Repeated exposure to pyrrolidine-dithiocarbamate induces peripheral nerve alterations in rats. Toxicology Letters, 2005, 158, 61-71.	0.8	23
48	n-3 PUFAs reduce VEGF expression in human colon cancer cells modulating the COX-2/PGE 2 induced ERK-1 and -2 and HIF-1Î± induction pathway. Carcinogenesis, 2004, 25, 2303-2310.	2.8	238
49	Â-Carotene exacerbates DNA oxidative damage and modifies p53-related pathways of cell proliferation and apoptosis in cultured cells exposed to tobacco smoke condensate. Carcinogenesis, 2004, 25, 1315-1325.	2.8	62
50	Antioxidant Effect of Ferulic Acid in Isolated Membranes and Intact Cells:Â Synergistic Interactions with Î±-Tocopherol, Î²-Carotene, and Ascorbic Acid. Journal of Agricultural and Food Chemistry, 2004, 52, 2411-2420.	5.2	148
51	Modulation of apoptotic signalling by carotenoids in cancer cells. Archives of Biochemistry and Biophysics, 2004, 430, 104-109.	3.0	81
52	Is there a room for vitamins?. Molecular Aspects of Medicine, 2003, 24, 315-316.	6.4	0
53	Prooxidant effects of Î²-carotene in cultured cells. Molecular Aspects of Medicine, 2003, 24, 353-362.	6.4	131
54	gamma-Tocopheryl quinone induces apoptosis in cancer cells via caspase-9 activation and cytochrome c release. Carcinogenesis, 2003, 24, 427-433.	2.8	43

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55	Mechanism of Activation of Caspase Cascade During Î²-Carotene-Induced Apoptosis in Human Tumor Cells. Nutrition and Cancer, 2003, 47, 76-87.	2.0	72
56	Î²-Carotene Regulates NF-ÎºB DNA-Binding Activity by a Redox Mechanism in Human Leukemia and Colon Adenocarcinoma Cells. Journal of Nutrition, 2003, 133, 381-388.	2.9	115
57	Induction of cell cycle arrest and apoptosis in human colon adenocarcinoma cell lines by beta-carotene through down-regulation of cyclin A and Bcl-2 family proteins. Carcinogenesis, 2002, 23, 11-18.	2.8	104
58	Design, synthesis, and antioxidant activity of FeAOX-6, a novel agent deriving from a molecular combination of the chromanyl and polyisoprenyl moieties. Free Radical Biology and Medicine, 2002, 33, 1724-1735.	2.9	30
59	Regulation of cell cycle progression and apoptosis by ?-carotene in undifferentiated and differentiated HL-60 leukemia cells: Possible involvement of a redox mechanism. International Journal of Cancer, 2002, 97, 593-600.	5.1	65
60	Cytotoxic T lymphocyte-associated antigen-4 inhibits integrin-mediated stimulation. Immunology, 2002, 107, 209-216.	4.4	17
61	Mitogenic and Apoptotic Signaling by Carotenoids: Involvement of a Redox Mechanism. IUBMB Life, 2001, 52, 77-81.	3.4	20
62	Î²-carotene at high concentrations induces apoptosis by enhancing oxy-radical production in human adenocarcinoma cells. Free Radical Biology and Medicine, 2001, 30, 1000-1007.	2.9	108
63	Redox regulation of cell proliferation by pyrrolidine dithiocarbamate in murine thymoma cells transplanted in vivo. Free Radical Biology and Medicine, 2001, 31, 1424-1431.	2.9	17
64	Novel antioxidant agents deriving from molecular combinations of vitamins C and E analogues: 3,4-dihydroxy-5(R)-[2(R,S)-(6-hydroxy-2,5,7,8-tetramethyl-chroman-2(R,S)-yl-methyl)-[1,3]dioxolan-4(S)-yl]-5H-furan-2-one and 3-O-octadecyl derivatives. Bioorganic and Medicinal Chemistry, 2000, 8, 2791-2801.	3.0	30
65	Beta-carotene antagonizes the effects of eicosapentaenoic acid on cell growth and lipid peroxidation in WiDr adenocarcinoma cells. Free Radical Biology and Medicine, 2000, 28, 228-234.	2.9	39
66	Canthaxanthin Supplementation Alters Antioxidant Enzymes and Iron Concentration in Liver of Balb/c Mice. Journal of Nutrition, 2000, 130, 1303-1308.	2.9	34
67	nâ€“3 PUFA dietary supplementation inhibits proliferation and store-operated calcium influx in thymoma cells growing in Balb/c mice. Journal of Lipid Research, 2000, 41, 182-188.	4.2	25
68	Eicosapentaenoic Acid Inhibits the Growth of Liver Preneoplastic Lesions and Alters Membrane Phospholipid Composition and Peroxisomal b-Oxidation. Nutrition and Cancer, 1999, 34, 206-212.	2.0	16
69	Effects of eicosapentaenoic and docosahexaenoic acids dietary supplementation on cell proliferation and apoptosis in rat colonic mucosa. Lipids, 1999, 34, S111-S111.	1.7	16
70	Cell proliferationâ€™ differentiationâ€™ and apoptosis are modified by nâˆ’3 polyunsaturated fatty acids in normal colonic mucosa. Lipids, 1999, 34, 599-604.	1.7	72
71	Dietary supplementation with eicosapentaenoic and docosahexaenoic acid inhibits growth of Morris hepatocarcinoma 3924A in rats: Effects on proliferation and apoptosis. , 1998, 75, 699-705.		111
72	Canthaxanthin induces apoptosis in human cancer cell lines. Carcinogenesis, 1998, 19, 373-376.	2.8	73

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73	Supplementation with Canthaxanthin Affects Plasma and Tissue Distribution of Î±- and Î³-Tocopherols in Mice. Journal of Nutrition, 1998, 128, 1989-1994.	2.9	16
74	Antitumor effect of an oral administration of canthaxanthin on BALB/c mice bearing thymoma cells. Nutrition and Cancer, 1997, 28, 199-205.	2.0	9
75	Antioxidant and Prooxidant Role of Î²-Carotene in Murine Normal and Tumor Thymocytes: Effects of Oxygen Partial Pressure. Free Radical Biology and Medicine, 1997, 22, 1065-1073.	2.9	119
76	Low-dose eicosapentaenoic or docosahexaenoic acid administration modifies fatty acid composition and does not affect susceptibility to oxidative stress in rat erythrocytes and tissues. Lipids, 1997, 32, 1075-1083.	1.7	77
77	Prevention of Free Radical Oxidative Damage. Expert Opinion on Therapeutic Targets, 1997, 1, 241-244.	1.0	0
78	Effect of Î²-Carotene and Canthaxanthin ontert-Butyl Hydroperoxide-Induced Lipid Peroxidation in Murine Normal and Tumor Thymocytes. Archives of Biochemistry and Biophysics, 1996, 325, 145-151.	3.0	51
79	Prooxidant activity of Î²-carotene under 100% oxygen pressure in rat liver microsomes. Free Radical Biology and Medicine, 1995, 19, 887-892.	2.9	91
80	The effect of Mg2+ upon 6-phosphofructokinase activity in ehrlich ascites tumor cells in vivo. Archives of Biochemistry and Biophysics, 1989, 275, 174-180.	3.0	8
81	Inhibition of rapid Ca-release from isolated skeletal and cardiac sarcoplasmic reticulum (SR) membranes. Biochemical and Biophysical Research Communications, 1988, 154, 1-8.	2.1	24
82	The Effect of Magnesium on Glucose Utilization in Ascites Tumor Cells. Annals of the New York Academy of Sciences, 1988, 551, 261-263.	3.8	0
83	Further observations on the effect of calcium ionophores on ascites tumor cells. Archives of Biochemistry and Biophysics, 1987, 259, 38-45.	3.0	11