

Gabriella Calviello

List of Publications by Year in descending order

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83
papers

3,893
citations

101384

36
h-index

128067

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. <i>Molecules</i> , 2021, 26, 785.	1.7	42
2	Characterization of a hyaluronic acid and folic acid-based hydrogel for cisplatin delivery: Antineoplastic effect in human ovarian cancer cells in vitro. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120899.	2.6	15
3	New Insights on the Effects of Dietary Omega-3 Fatty Acids on Impaired Skin Healing in Diabetes and Chronic Venous Leg Ulcers. <i>Foods</i> , 2021, 10, 2306.	1.9	7
4	Omega-3 PUFA Responders and Non-Responders and the Prevention of Lipid Dysmetabolism and Related Diseases. <i>Nutrients</i> , 2020, 12, 1363.	1.7	25
5	The Combination of Sulforaphane and Fernblock® XP Improves Individual Beneficial Effects in Normal and Neoplastic Human Skin Cell Lines. <i>Nutrients</i> , 2020, 12, 1608.	1.7	11
6	Anti-Irritant and Anti-Inflammatory Effects of DHA Encapsulated in Resveratrol-Based Solid Lipid Nanoparticles in Human Keratinocytes. <i>Nutrients</i> , 2019, 11, 1400.	1.7	20
7	Xanthan gum-based materials for omega-3 PUFA delivery: Preparation, characterization and antineoplastic activity evaluation. <i>Carbohydrate Polymers</i> , 2019, 208, 431-440.	5.1	27
8	<p>Nanomedicine-based formulations containing ω-3 polyunsaturated fatty acids: potential application in cardiovascular and neoplastic diseases</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2809-2828.	3.3	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. <i>Melanoma Research</i> , 2019, 29, 270-280.	0.6	9
10	Omega-3 PUFA Loaded in Resveratrol-Based Solid Lipid Nanoparticles: Physicochemical Properties and Antineoplastic Activities in Human Colorectal Cancer Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 586.	1.8	78
11	Long-chain n-3 PUFA against breast and prostate cancer: Which are the appropriate doses for intervention studies in animals and humans?. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 2245-2262.	5.4	29
12	Protective Effects of ï-3 PUFA in Anthracycline-Induced Cardiotoxicity: A Critical Review. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2689.	1.8	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. <i>Nutrients</i> , 2017, 9, 185.	1.7	27
14	Reduction of Oxidative/Nitrosative Stress in Brain and its Involvement in the Neuroprotective Effect of n-3 PUFA in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 123-134.	0.7	43
15	How plausible is the use of dietary n-3 PUFA in the adjuvant therapy of cancer?. <i>Nutrition Research Reviews</i> , 2016, 29, 102-125.	2.1	28
16	Role of ð²-catenin signaling in the anti-invasive effect of the omega-3 fatty acid DHA in human melanoma cells. <i>Journal of Dermatological Science</i> , 2016, 84, 149-159.	1.0	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. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 843-858.	1.5	26
18	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. <i>BioMed Research International</i> , 2015, 2015, 1-24.	0.9	76

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19	Ω ⁻³ PUFAs in the Prevention and Cure of Inflammatory, Degenerative, and Neoplastic Diseases 2014. BioMed Research International, 2015, 2015, 1-2.	0.9	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.	0.9	38
21	Potential of long-chain n-3 polyunsaturated fatty acids in melanoma prevention. Nutrition Reviews, 2014, 72, 255-266.	2.6	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.	3.0	6
23	Experimental Evidence of Ω ⁻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.	0.9	64
24	Ω ⁻³ PUFAs in the Prevention and Cure of Inflammatory, Degenerative, and Neoplastic Diseases. BioMed Research International, 2013, 2013, 1-2.	0.9	3
25	DHA induces apoptosis and differentiation in human melanoma cells in vitro : involvement of HuR-mediated COX-2 mRNA stabilization and β ² -catenin nuclear translocation. Carcinogenesis, 2012, 33, 164-173.	1.3	57
26	EPA and DHA Differentially Affect In Vitro Inflammatory Cytokine Release by Peripheral Blood Mononuclear Cells from Alzheimer's™ Patients. Current Alzheimer Research, 2012, 9, 913-923.	0.7	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.	1.8	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.	1.7	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.	1.9	31
31	Fish from an artificial lake: n-3 PUFA content and chemical, physical and ecological features of the lake. Journal of Food Composition and Analysis, 2010, 23, 133-141.	1.9	9
32	Ω ⁻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.	2.2	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.	2.2	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.	2.1	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.	0.3	12

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37	Docosahexaenoic acid induces proteasome-dependent degradation of β -catenin, down-regulation of survivin and apoptosis in human colorectal cancer cells not expressing COX-2. <i>Carcinogenesis</i> , 2007, 28, 1202-1209.	1.3	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. <i>Acta Neuropathologica</i> , 2007, 114, 135-145.	3.9	16
39	Carotenoids as Modulators of Intracellular Signaling Pathways. <i>Current Signal Transduction Therapy</i> , 2006, 1, 325-335.	0.3	11
40	DNA damage and apoptosis induction by the pesticide Mancozeb in rat cells: Involvement of the oxidative mechanism. <i>Toxicology and Applied Pharmacology</i> , 2006, 211, 87-96.	1.3	153
41	Dual role of β -carotene in combination with cigarette smoke aqueous extract on the formation of mutagenic lipid peroxidation products in lung membranes: dependence on pO ₂ . <i>Carcinogenesis</i> , 2006, 27, 2383-2391.	1.3	41
42	β -Carotene and Cigarette Smoke Condensate Regulate Heme Oxygenase-1 and Its Repressor Factor Bach1: Relationship with Cell Growth. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1069-1080.	2.5	33
43	n-3 Polyunsaturated Fatty Acids as Signal Transduction Modulators and Therapeutical Agents in Cancer. <i>Current Signal Transduction Therapy</i> , 2006, 1, 255-271.	0.3	25
44	β -Carotene Downregulates the Steady-State and Heregulin-Induced COX-2 Pathways in Colon Cancer Cells. <i>Journal of Nutrition</i> , 2005, 135, 129-136.	1.3	63
45	Docosahexaenoic acid enhances the susceptibility of human colorectal cancer cells to 5-fluorouracil. <i>Cancer Chemotherapy and Pharmacology</i> , 2005, 55, 12-20.	1.1	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. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 1445-1456.	2.2	52
47	Repeated exposure to pyrrolidine-dithiocarbamate induces peripheral nerve alterations in rats. <i>Toxicology Letters</i> , 2005, 158, 61-71.	0.4	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-1 α induction pathway. <i>Carcinogenesis</i> , 2004, 25, 2303-2310.	1.3	238
49	β -Carotene exacerbates DNA oxidative damage and modifies p53-related pathways of cell proliferation and apoptosis in cultured cells exposed to tobacco smoke condensate. <i>Carcinogenesis</i> , 2004, 25, 1315-1325.	1.3	62
50	Antioxidant Effect of Ferulic Acid in Isolated Membranes and Intact Cells: Synergistic Interactions with α -Tocopherol, β -Carotene, and Ascorbic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2411-2420.	2.4	148
51	Modulation of apoptotic signalling by carotenoids in cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2004, 430, 104-109.	1.4	81
52	Is there a room for vitamins?. <i>Molecular Aspects of Medicine</i> , 2003, 24, 315-316.	2.7	0
53	Prooxidant effects of β -carotene in cultured cells. <i>Molecular Aspects of Medicine</i> , 2003, 24, 353-362.	2.7	131
54	gamma-Tocopheryl quinone induces apoptosis in cancer cells via caspase-9 activation and cytochrome c release. <i>Carcinogenesis</i> , 2003, 24, 427-433.	1.3	43

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55	Mechanism of Activation of Caspase Cascade During β -Carotene-Induced Apoptosis in Human Tumor Cells. <i>Nutrition and Cancer</i> , 2003, 47, 76-87.	0.9	72
56	β -Carotene Regulates NF- κ B DNA-Binding Activity by a Redox Mechanism in Human Leukemia and Colon Adenocarcinoma Cells. <i>Journal of Nutrition</i> , 2003, 133, 381-388.	1.3	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. <i>Carcinogenesis</i> , 2002, 23, 11-18.	1.3	104
58	Design, synthesis, and antioxidant activity of FeAOX-6, a novel agent deriving from a molecular combination of the chromanyl and polyisoprenyl moieties. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1724-1735.	1.3	30
59	Regulation of cell cycle progression and apoptosis by β -carotene in undifferentiated and differentiated HL-60 leukemia cells: Possible involvement of a redox mechanism. <i>International Journal of Cancer</i> , 2002, 97, 593-600.	2.3	65
60	Cytotoxic T lymphocyte-associated antigen-4 inhibits integrin-mediated stimulation. <i>Immunology</i> , 2002, 107, 209-216.	2.0	17
61	Mitogenic and Apoptotic Signaling by Carotenoids: Involvement of a Redox Mechanism. <i>IUBMB Life</i> , 2001, 52, 77-81.	1.5	20
62	β -carotene at high concentrations induces apoptosis by enhancing oxy-radical production in human adenocarcinoma cells. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1000-1007.	1.3	108
63	Redox regulation of cell proliferation by pyrrolidine dithiocarbamate in murine thymoma cells transplanted in vivo. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1424-1431.	1.3	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. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2791-2801.	1.2	30
65	Beta-carotene antagonizes the effects of eicosapentaenoic acid on cell growth and lipid peroxidation in WiDr adenocarcinoma cells. <i>Free Radical Biology and Medicine</i> , 2000, 28, 228-234.	1.3	39
66	Canthaxanthin Supplementation Alters Antioxidant Enzymes and Iron Concentration in Liver of Balb/c Mice. <i>Journal of Nutrition</i> , 2000, 130, 1303-1308.	1.3	34
67	$n-3$ PUFA dietary supplementation inhibits proliferation and store-operated calcium influx in thymoma cells growing in Balb/c mice. <i>Journal of Lipid Research</i> , 2000, 41, 182-188.	2.0	25
68	Eicosapentaenoic Acid Inhibits the Growth of Liver Preneoplastic Lesions and Alters Membrane Phospholipid Composition and Peroxisomal β -Oxidation. <i>Nutrition and Cancer</i> , 1999, 34, 206-212.	0.9	16
69	Effects of eicosapentaenoic and docosahexaenoic acids dietary supplementation on cell proliferation and apoptosis in rat colonic mucosa. <i>Lipids</i> , 1999, 34, S111-S111.	0.7	16
70	Cell proliferation, differentiation and apoptosis are modified by $n-3$ polyunsaturated fatty acids in normal colonic mucosa. <i>Lipids</i> , 1999, 34, 599-604.	0.7	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. <i>Carcinogenesis</i> , 1998, 19, 373-376.	1.3	73

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73	Supplementation with Canthaxanthin Affects Plasma and Tissue Distribution of $\hat{\alpha}$ - and $\hat{\beta}$ -Tocopherols in Mice. <i>Journal of Nutrition</i> , 1998, 128, 1989-1994.	1.3	16
74	Antitumor effect of an oral administration of canthaxanthin on BALB/c mice bearing thymoma cells. <i>Nutrition and Cancer</i> , 1997, 28, 199-205.	0.9	9
75	Antioxidant and Prooxidant Role of $\hat{\alpha}$ -Carotene in Murine Normal and Tumor Thymocytes: Effects of Oxygen Partial Pressure. <i>Free Radical Biology and Medicine</i> , 1997, 22, 1065-1073.	1.3	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. <i>Lipids</i> , 1997, 32, 1075-1083.	0.7	77
77	Prevention of Free Radical Oxidative Damage. <i>Expert Opinion on Therapeutic Targets</i> , 1997, 1, 241-244.	1.0	0
78	Effect of $\hat{\alpha}$ -Carotene and Canthaxanthin on tert-Butyl Hydroperoxide-Induced Lipid Peroxidation in Murine Normal and Tumor Thymocytes. <i>Archives of Biochemistry and Biophysics</i> , 1996, 325, 145-151.	1.4	51
79	Prooxidant activity of $\hat{\alpha}$ -carotene under 100% oxygen pressure in rat liver microsomes. <i>Free Radical Biology and Medicine</i> , 1995, 19, 887-892.	1.3	91
80	The effect of Mg^{2+} upon 6-phosphofructokinase activity in ehrlich ascites tumor cells in vivo. <i>Archives of Biochemistry and Biophysics</i> , 1989, 275, 174-180.	1.4	8
81	Inhibition of rapid Ca-release from isolated skeletal and cardiac sarcoplasmic reticulum (SR) membranes. <i>Biochemical and Biophysical Research Communications</i> , 1988, 154, 1-8.	1.0	24
82	The Effect of Magnesium on Glucose Utilization in Ascites Tumor Cells. <i>Annals of the New York Academy of Sciences</i> , 1988, 551, 261-263.	1.8	0
83	Further observations on the effect of calcium ionophores on ascites tumor cells. <i>Archives of Biochemistry and Biophysics</i> , 1987, 259, 38-45.	1.4	11