

Giovanna Caderni

List of Publications by Year in descending order

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83
papers

3,723
citations

159585

30
h-index

133252

59
g-index

84
all docs

84
docs citations

84
times ranked

3957
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary synbiotics reduce cancer risk factors in polypectomized and colon cancer patients. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 488-496.	4.7	469
2	Red wine polyphenols influence carcinogenesis, intestinal microflora, oxidative damage and gene expression profiles of colonic mucosa in F344 rats. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 591, 237-246.	1.0	269
3	Antitumorigenic activity of the prebiotic inulin enriched with oligofructose in combination with the probiotics <i>Lactobacillus rhamnosus</i> and <i>Bifidobacterium lactis</i> on azoxymethane-induced colon carcinogenesis in rats. <i>Carcinogenesis</i> , 2002, 23, 1953-1960.	2.8	266
4	Resveratrol depresses the growth of colorectal aberrant crypt foci by affecting bax and p21CIP expression. <i>Carcinogenesis</i> , 2000, 21, 1619-1622.	2.8	230
5	Rectal proliferation and polyp occurrence in patients with familial adenomatous polyposis after sulindac treatment. <i>Gastroenterology</i> , 1994, 106, 362-366.	1.3	131
6	Identification of mucin-depleted foci in the unsectioned colon of azoxymethane-treated rats: correlation with carcinogenesis. <i>Cancer Research</i> , 2003, 63, 2388-92.	0.9	125
7	Effects of black tea, green tea and wine extracts on intestinal carcinogenesis induced by azoxymethane in F344 rats. <i>Carcinogenesis</i> , 2000, 21, 1965-1969.	2.8	123
8	Intestinal immunity of rats with colon cancer is modulated by oligofructose-enriched inulin combined with <i>Lactobacillus rhamnosus</i> and <i>Bifidobacterium lactis</i> . <i>British Journal of Nutrition</i> , 2004, 92, 931-938.	2.3	116
9	Red Wine and Black Tea Polyphenols Modulate the Expression of Cyclooxygenase-2, Inducible Nitric Oxide Synthase and Glutathione-Related Enzymes in Azoxymethane-Induced F344 Rat Colon Tumors. <i>Journal of Nutrition</i> , 2002, 132, 1376-1379.	2.9	99
10	Resveratrol depresses the growth of colorectal aberrant crypt foci by affecting bax and p21CIP expression. <i>Carcinogenesis</i> , 2000, 21, 1619-1622.	2.8	95
11	Fecal Water Genotoxicity Is Predictive of Tumor-Preventive Activities by Inulin-Like Oligofructoses, Probiotics (<i>Lactobacillus rhamnosus</i> and <i>Bifidobacterium lactis</i>), and Their Synbiotic Combination. <i>Nutrition and Cancer</i> , 2004, 49, 144-155.	2.0	79
12	Characterisation of aberrant crypt foci in carcinogen-treated rats: association with intestinal carcinogenesis. <i>British Journal of Cancer</i> , 1995, 71, 763-769.	6.4	73
13	Mucin-depleted foci (MDF) in the colon of rats treated with azoxymethane (AOM) are useful biomarkers for colon carcinogenesis. <i>Carcinogenesis</i> , 2003, 25, 277-281.	2.8	65
14	Frequent Mutation of Apc Gene in Rat Colon Tumors and Mucin-Depleted Foci, Preneoplastic Lesions in Experimental Colon Carcinogenesis. <i>Cancer Research</i> , 2007, 67, 445-449.	0.9	60
15	Rodent Models of Colon Carcinogenesis for the Study of Chemopreventive Activity of Natural Products. <i>Planta Medica</i> , 2008, 74, 1602-1607.	1.3	59
16	Detection of somatic DNA alterations in azoxymethane-induced F344 rat colon tumors by random amplified polymorphic DNA analysis. <i>Carcinogenesis</i> , 2000, 21, 1753-1756.	2.8	57
17	Ageing related changes in circulating reactive oxygen species (ROS) and protein carbonyls are indicative of liver oxidative injury. <i>Toxicology Reports</i> , 2018, 5, 141-145.	3.3	57
18	Long-term treatment with Sitagliptin, a dipeptidyl peptidase-4 inhibitor, reduces colon carcinogenesis and reactive oxygen species in 1,2-dimethylhydrazine-induced rats. <i>International Journal of Cancer</i> , 2013, 133, 2498-2503.	5.1	55

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19	Arabinoxylan-oligosaccharides (AXOS) reduce preneoplastic lesions in the colon of rats treated with 1,2-dimethylhydrazine (DMH). <i>European Journal of Nutrition</i> , 2010, 49, 127-132.	3.9	51
20	Mucin-depleted foci have β -catenin gene mutations, altered expression of its protein, and are dose- and time-dependent in the colon of 1,2-dimethylhydrazine-treated rats. <i>International Journal of Cancer</i> , 2005, 116, 9-15.	5.1	48
21	Mutations of the Apc gene in experimental colorectal carcinogenesis induced by azoxymethane in F344 rats. <i>British Journal of Cancer</i> , 1998, 77, 2148-2151.	6.4	45
22	Slow-release pellets of sodium butyrate increase apoptosis in the colon of rats treated with azoxymethane, without affecting aberrant crypt foci and colonic proliferation. <i>Nutrition and Cancer</i> , 1998, 30, 175-181.	2.0	45
23	Gene expression profile and genomic alterations in colonic tumours induced by 1,2-dimethylhydrazine (DMH) in rats. <i>BMC Cancer</i> , 2010, 10, 194.	2.6	45
24	Reduction of colonic inflammation in HLA-B27 transgenic rats by feeding Marie-MÃ©nard apples, rich in polyphenols. <i>British Journal of Nutrition</i> , 2009, 102, 1620.	2.3	43
25	A flavonoid-rich extract from bergamot juice prevents carcinogenesis in a genetic model of colorectal cancer, the Pirc rat (F344/NTac-Apc ^{m1137}). <i>European Journal of Nutrition</i> , 2020, 59, 885-894.	3.9	43
26	Identification of Mucin Depleted Foci in the Human Colon. <i>Cancer Prevention Research</i> , 2008, 1, 562-567.	1.5	39
27	Effect of Dietary Fat, Starch and Cellulose on Fecal Bile Acids in Mice. <i>Journal of Nutrition</i> , 1989, 119, 1617-1624.	2.9	37
28	Cancer Glycolytic Dependence as a New Target of Olive Leaf Extract. <i>Cancers</i> , 2020, 12, 317.	3.7	34
29	K-ras mutations and mucin profile in preneoplastic lesions and colon tumors induced in rats by 1,2-dimethylhydrazine. <i>International Journal of Cancer</i> , 2008, 122, 117-123.	5.1	31
30	Dietary factors affecting the proliferation of epithelial cells in the mouse colon. <i>Nutrition and Cancer</i> , 1988, 11, 147-153.	2.0	29
31	Slow-release pellets of sodium butyrate do not modify azoxymethane (AOM)-induced intestinal carcinogenesis in F344 rats. <i>Carcinogenesis</i> , 2001, 22, 525-527.	2.8	29
32	Dietary Carbohydrates Modify Azoxymethane-Induced Intestinal Carcinogenesis in Rats. <i>Journal of Nutrition</i> , 1994, 124, 517-523.	2.9	28
33	Mucin-depleted foci show strong activation of inflammatory markers in 1,2-dimethylhydrazine-induced carcinogenesis and are promoted by the inflammatory agent sodium dextran sulfate. <i>International Journal of Cancer</i> , 2009, 125, 541-547.	5.1	28
34	Effects of repeated boluses of sucrose on proliferation and on AOM-induced aberrant crypt foci in rat colon. <i>Nutrition and Cancer</i> , 1996, 25, 187-196.	2.0	27
35	Pomegranate By-products in Colorectal Cancer Chemoprevention: Effects in <i>Apc</i> -Mutated Pirc Rats and Mechanistic Studies In Vitro and Ex Vivo. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700401.	3.3	27
36	Fasting/re-feeding before initiation enhances the growth of aberrant crypt foci induced by azoxymethane in rat colon and rectum. <i>Journal of Nutrition</i> , 1998, 77, 286-294.		26

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37	Sulindac, 3,3'-diindolylmethane and curcumin reduce carcinogenesis in the Pirc rat, an Apc-driven model of colon carcinogenesis. <i>BMC Cancer</i> , 2015, 15, 611.	2.6	26
38	Effect of polyphenolic extracts from red wine and 4-OH-coumaric acid on 1,2-dimethylhydrazine-induced colon carcinogenesis in rats. <i>European Journal of Nutrition</i> , 2005, 44, 79-84.	3.9	25
39	Profile of Short-Chain Fatty Acids and Rectal Proliferation in Rats Fed Sucrose or Cornstarch Diets. <i>Journal of Nutrition</i> , 1992, 122, 254-261.	2.9	24
40	Apoptosis induced by sulindac sulfide in epithelial and mesenchymal cells from human abdominal neoplasms. <i>European Journal of Pharmacology</i> , 1998, 360, 105-112.	3.5	24
41	Urinary mutagens in humans after fried pork and bacon meals. <i>Cancer Letters</i> , 1984, 22, 275-280.	7.2	23
42	Effect of complex polyphenols on colon carcinogenesis. <i>European Journal of Nutrition</i> , 1999, 38, 126-132.	3.9	23
43	Effect of diets fortified with tomatoes or onions with variable quercetin-glycoside content on azoxymethane-induced aberrant crypt foci in the colon of rats. <i>European Journal of Nutrition</i> , 2003, 42, 346-352.	3.9	23
44	The expression of low molecular weight protein tyrosine phosphatase is up-regulated in 1,2-dimethylhydrazine-induced colon tumours in rats. <i>International Journal of Cancer</i> , 2008, 122, 1675-1678.	5.1	23
45	Multiple mucin depleted foci, high proliferation and low apoptotic response in the onset of colon carcinogenesis of the PIRC rat, mutated in Apc. <i>International Journal of Cancer</i> , 2015, 136, E488-95.	5.1	22
46	Characterization of hERG1 channel role in mouse colorectal carcinogenesis. <i>Cancer Medicine</i> , 2013, 2, 583-594.	2.8	21
47	Starchy foods and colon proliferation in mice. <i>Nutrition and Cancer</i> , 1991, 15, 33-40.	2.0	20
48	Effects of short chain fatty acids on mucosal proliferation and inflammation of ileal pouches in patients with ulcerative colitis and familial polyposis. <i>Diseases of the Colon and Rectum</i> , 1995, 38, 974-978.	1.3	20
49	Dietary sucrose, glucose, fructose, and starches affect colonic functions in rats. <i>Nutrition and Cancer</i> , 1996, 25, 179-186.	2.0	20
50	Malinauskas M, et al. Concord apples with high polyphenol content and a low-fat diet reduce 1,2-dimethylhydrazine-induced colon carcinogenesis in rats: Effects on inflammation and apoptosis. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1353-1357.	3.3	20
51	Rats Fed High Starch Diets Have Lower Colonic Proliferation and Fecal Bile Acids than High Sucrose-Fed Controls. <i>Journal of Nutrition</i> , 1993, 123, 704-712.	2.9	18
52	Fecal Levels of Short-Chain Fatty Acids and Bile Acids as Determinants of Colonic Mucosal Cell Proliferation in Humans. <i>Nutrition and Cancer</i> , 2002, 42, 186-190.	2.0	16
53	Expression of LGR-5, MSI-1 and DCAMKL-1, putative stem cell markers, in the early phases of 1,2-dimethylhydrazine-induced rat colon carcinogenesis: correlation with nuclear β -catenin. <i>BMC Cancer</i> , 2013, 13, 48.	2.6	16
54	Oleuropein-Rich Leaf Extract as a Broad Inhibitor of Tumour and Macrophage iNOS in an Apc Mutant Rat Model. <i>Antioxidants</i> , 2021, 10, 1577.	5.1	16

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55	Assay of Linuron and a Pesticide Mixture Commonly Found in the Italian Diet, for Promoting Activity in Rat Liver Carcinogenesis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994, 75, 170-176.	0.0	14
56	Fecal microbiome as determinant of the effect of diet on colorectal cancer risk: comparison of meat-based versus pesco-vegetarian diets (the MeaTlc study). <i>Trials</i> , 2019, 20, 688.	1.6	14
57	Morinâ€dependent inhibition of low molecular weight protein tyrosine phosphatase (LMWâ€PTP) restores sensitivity to apoptosis during colon carcinogenesis: Studies in vitro and in vivo, in an Apc-driven model of colon cancer. <i>Molecular Carcinogenesis</i> , 2019, 58, 686-698.	2.7	14
58	No effects of olive oils with different phenolic content compared to corn oil on 1,2-dimethylhydrazine-induced colon carcinogenesis in rats. <i>European Journal of Nutrition</i> , 2008, 47, 329-334.	3.9	13
59	Mucosal cell proliferation of the rectal stump in ulcerative colitis patients after ileorectal anastomosis. <i>Diseases of the Colon and Rectum</i> , 1991, 34, 385-390.	1.3	12
60	Sustained proliferation and resistance to apoptosis after a cytotoxic insult are early alterations in rat colon carcinogenesis. <i>International Journal of Cancer</i> , 2012, 131, 529-536.	5.1	12
61	Effect of Simple Phenolic Compounds on Azoxymethane-Induced Aberrant Crypt Foci in Rat Colon. <i>Nutrition and Cancer</i> , 2001, 41, 107-110.	2.0	12
62	Mucin-depleted foci are modulated by dietary treatments and show deregulation of proliferative activity in carcinogen-treated rodents. <i>International Journal of Cancer</i> , 2007, 120, 2301-2305.	5.1	10
63	Fish Consumption and Colorectal Cancer Risk: Meta-Analysis of Prospective Epidemiological Studies and Review of Evidence from Animal Studies. <i>Cancers</i> , 2022, 14, 640.	3.7	10
64	Intestinal microbiota profiles in a genetic model of colon tumorigenesis correlates with colon cancer biomarkers. <i>Scientific Reports</i> , 2022, 12, 1432.	3.3	9
65	Risk factors for colorectal cancer in man induce aberrant crypt foci in rats: Preliminary findings. <i>Nutrition and Cancer</i> , 2016, 68, 94-104.	2.0	8
66	DNA damage in colon mucosa of Pirc rats, an Apc-driven model of colon tumorigenesis. <i>Toxicology Letters</i> , 2020, 324, 12-19.	0.8	8
67	Modification of azoxymethane intestinal carcinogenesis in rats by feeding sucrose boluses, pasta, and glucose. <i>Nutrition and Cancer</i> , 1997, 28, 146-152.	2.0	7
68	Enhanced growth of colorectal aberrant crypt foci in fasted/refed rats involves changes in TGF β 21 and p21CIP expressions. <i>Carcinogenesis</i> , 2002, 23, 323-327.	2.8	7
69	A dietary trial with a short-term low-sucrose diet in an Italian population: Effects on colorectal mucosal proliferation. <i>Nutrition and Cancer</i> , 1998, 32, 159-164.	2.0	6
70	Mucin Depleted Foci, Colonic Preneoplastic Lesions Lacking Muc2, Show Up-Regulation of Tlr2 but Not Bacterial Infiltration. <i>PLoS ONE</i> , 2012, 7, e29918.	2.5	6
71	High Sensitivity to Cholic Acid-induced Colonic Tumorigenesis Makes Female PIRC Rats (F344/NTac-Apc ^{am1137}) a Suitable Model for Studying CRC-promoting Agents. <i>Anticancer Research</i> , 2019, 39, 4673-4679.	1.1	6
72	Supplementation with phytoestrogens and insoluble fibers reduces intestinal carcinogenesis and restores ER- β expression in Apc-driven colorectal carcinogenesis. <i>European Journal of Cancer Prevention</i> , 2020, 29, 27-35.	1.3	6

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73	Activation of Trpâ€¹ and Trpâ€² in vitro and in vivo. Nutrition and Cancer, 1981, 3, 168-171.	2.0	5
74	The effect of cigarette smoke on aryl-hydrocarbon hydroxylase (AHH) activity of the human kidney. European Journal of Cancer & Clinical Oncology, 1983, 19, 1565-1568.	0.7	4
75	Effect of dietary lipids on hepatic and intestinal monooxygenases in mice. Nutrition and Cancer, 1990, 13, 111-117.	2.0	4
76	Colon Cancer Is Induced by a Single Low Dose of Azoxymethane in Fasted-Rated Rats. Nutrition and Cancer, 1999, 35, 137-142.	2.0	4
77	<i>Apc</i> -driven colon carcinogenesis in pirc rat is strongly reduced by polyethylene glycol. International Journal of Cancer, 2015, 137, 2270-2273.	5.1	4
78	Colon fibroblasts from Pirc rats (F344/NTacâ€¹ <i>Apc</i> ^{am1137}) exhibit a proliferative and inflammatory phenotype that could support early stages of colon carcinogenesis. International Journal of Cancer, 2022, 150, 362-373.	5.1	4
79	Detection of mutagens in human urine by means of XAD-2 adsorption-desorption techniques and bacterial mutagenesis. Pharmacological Research Communications, 1983, 15, 775-782.	0.2	3
80	Surrogate endpoint biomarkers for human colon carcinogenesis. Toxicology Letters, 2000, 112-113, 415-420.	0.8	3
81	Mitotic activity in colorectal mucosa of healthy subjects in two Italian areas with different dietary habits. Nutrition and Cancer, 1993, 19, 263-268.	2.0	2
82	Gene Expression Profile of Colon Mucosa after Cytotoxic Insult in wt and Apc-Mutated Pirc Rats: Possible Relation to Resistance to Apoptosis during Carcinogenesis. BioMed Research International, 2016, 2016, 1-8.	1.9	2
83	Short chain fatty acid for the treatment of ulcerative colitis and familial polyposis. Pharmacological Research, 1992, 26, 320.	7.1	0