

Karen Brown

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

8,160
citations

34
h-index

90
g-index

100
ext. papers

9,146
ext. citations

5.5
avg, IF

5.08
L-index

#	Paper	IF	Citations
98	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
97	Repeat dose study of the cancer chemopreventive agent resveratrol in healthy volunteers: safety, pharmacokinetics, and effect on the insulin-like growth factor axis. <i>Cancer Research</i> , 2010 , 70, 9003-11	10.1	449
96	Clinical pharmacology of resveratrol and its metabolites in colorectal cancer patients. <i>Cancer Research</i> , 2010 , 70, 7392-9	10.1	429
95	What is new for an old molecule? Systematic review and recommendations on the use of resveratrol. <i>PLoS ONE</i> , 2011 , 6, e19881	3.7	327
94	Clinical trials of resveratrol. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1215, 161-9	6.5	325
93	Sulfate metabolites provide an intracellular pool for resveratrol generation and induce autophagy with senescence. <i>Science Translational Medicine</i> , 2013 , 5, 205ra133	17.5	142
92	Curcumin inhibits cancer stem cell phenotypes in ex vivo models of colorectal liver metastases, and is clinically safe and tolerable in combination with FOLFOX chemotherapy. <i>Cancer Letters</i> , 2015 , 364, 135-41	9.9	113
91	Cancer chemoprevention: Evidence of a nonlinear dose response for the protective effects of resveratrol in humans and mice. <i>Science Translational Medicine</i> , 2015 , 7, 298ra117	17.5	109
90	Resveratrol in human cancer chemoprevention--choosing the 'right' dose. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 7-13	5.9	91
89	Pilot study of oral anthocyanins for colorectal cancer chemoprevention. <i>Cancer Prevention Research</i> , 2009 , 2, 625-33	3.2	88
88	Direct molecular targets of resveratrol: identifying key interactions to unlock complex mechanisms. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1348, 124-33	6.5	80
87	Randomized trial of a decision aid for BRCA1/BRCA2 mutation carriers: impact on measures of decision making and satisfaction. <i>Health Psychology</i> , 2009 , 28, 11-19	5	80
86	Prolonged biologically active colonic tissue levels of curcumin achieved after oral administration--a clinical pilot study including assessment of patient acceptability. <i>Cancer Prevention Research</i> , 2013 , 6, 119-28	3.2	78
85	Pharmacokinetics and metabolism of the putative cancer chemopreventive agent cyanidin-3-glucoside in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2009 , 64, 1261-8	3.5	76
84	Identification of human CYP forms involved in the activation of tamoxifen and irreversible binding to DNA. <i>Carcinogenesis</i> , 2002 , 23, 1897-901	4.6	72
83	Rituximab in combination with CHOP or fludarabine in low-grade lymphoma. <i>Seminars in Oncology</i> , 2002 , 29, 36-40	5.5	66
82	Curcumin ameliorates oxaliplatin-induced chemoresistance in HCT116 colorectal cancer cells in vitro and in vivo. <i>International Journal of Cancer</i> , 2011 , 129, 476-86	7.5	64

81	Curcumin: the potential for efficacy in gastrointestinal diseases. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2011 , 25, 519-34	2.5	63
80	Development of dietary phytochemical chemopreventive agents: biomarkers and choice of dose for early clinical trials. <i>Cancer Prevention Research</i> , 2009 , 2, 525-30	3.2	61
79	Chemoprevention of breast cancer by tamoxifen: risks and opportunities. <i>Critical Reviews in Toxicology</i> , 2000 , 30, 571-94	5.7	60
78	Curcumin Combined with FOLFOX Chemotherapy Is Safe and Tolerable in Patients with Metastatic Colorectal Cancer in a Randomized Phase IIa Trial. <i>Journal of Nutrition</i> , 2019 , 149, 1133-1139	4.1	58
77	Breast cancer chemoprevention: risk-benefit effects of the antioestrogen tamoxifen. <i>Expert Opinion on Drug Safety</i> , 2002 , 1, 253-67	4.1	56
76	Applications of accelerator mass spectrometry for pharmacological and toxicological research. <i>Mass Spectrometry Reviews</i> , 2006 , 25, 127-45	11	52
75	Accelerator mass spectrometry for biomedical research. <i>Methods in Enzymology</i> , 2005 , 402, 423-43	1.7	51
74	Resveratrol in the management of human cancer: how strong is the clinical evidence?. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1290, 12-20	6.5	49
73	In vivo relevant mixed urolithins and ellagic acid inhibit phenotypic and molecular colon cancer stem cell features: A new potentiality for ellagitannin metabolites against cancer. <i>Food and Chemical Toxicology</i> , 2016 , 92, 8-16	4.7	48
72	Combining curcumin (C3-complex, Sabinsa) with standard care FOLFOX chemotherapy in patients with inoperable colorectal cancer (CUFOX): study protocol for a randomised control trial. <i>Trials</i> , 2015 , 16, 110	2.8	47
71	Flavones as colorectal cancer chemopreventive agents--phenol-o-methylation enhances efficacy. <i>Cancer Prevention Research</i> , 2009 , 2, 743-50	3.2	47
70	Tamoxifen DNA damage detected in human endometrium using accelerator mass spectrometry. <i>Cancer Research</i> , 2003 , 63, 8461-5	10.1	47
69	Resveratrol-sulfates provide an intracellular reservoir for generation of parent resveratrol, which induces autophagy in cancer cells. <i>Autophagy</i> , 2014 , 10, 524-5	10.2	39
68	Longitudinal changes in patient distress following interactive decision aid use among BRCA1/2 carriers: a randomized trial. <i>Medical Decision Making</i> , 2011 , 31, 412-21	2.5	39
67	N-methylpurine DNA glycosylase plays a pivotal role in the threshold response of ethyl methanesulfonate-induced chromosome damage. <i>Toxicological Sciences</i> , 2011 , 119, 346-58	4.4	36
66	Cognitive and emotional factors predicting decisional conflict among high-risk breast cancer survivors who receive uninformative BRCA1/2 results. <i>Health Psychology</i> , 2009 , 28, 569-578	5	35
65	Sensitivity of Colorectal Cancer to Arginine Deprivation Therapy is Shaped by Differential Expression of Urea Cycle Enzymes. <i>Scientific Reports</i> , 2018 , 8, 12096	4.9	34
64	The role of cancer stem cells in the anti-carcinogenicity of curcumin. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1630-7	5.9	33

63	Synthesis and biological evaluation of novel flavonols as potential anti-prostate cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012 , 54, 952-8	6.8	33
62	Cancer Prevention Europe. <i>Molecular Oncology</i> , 2019 , 13, 528-534	7.9	32
61	Evaluation of the cancer chemopreventive efficacy of silibinin in genetic mouse models of prostate and intestinal carcinogenesis: relationship with silibinin levels. <i>European Journal of Cancer</i> , 2008 , 44, 898-906	7.5	31
60	Further characterization of the DNA adducts formed in rat liver after the administration of tamoxifen, N-desmethyltamoxifen or N, N-didesmethyltamoxifen. <i>Carcinogenesis</i> , 1999 , 20, 2011-6	4.6	31
59	Is tamoxifen a genotoxic carcinogen in women?. <i>Mutagenesis</i> , 2009 , 24, 391-404	2.8	29
58	Determination of endogenous and exogenously derived N7-(2-hydroxyethyl)guanine adducts in ethylene oxide-treated rats. <i>Chemical Research in Toxicology</i> , 2007 , 20, 290-9	4	29
57	The role of stromal fibroblasts in lung carcinogenesis: A target for chemoprevention?. <i>International Journal of Cancer</i> , 2016 , 138, 30-44	7.5	27
56	Prescribing tamoxifen in primary care for the prevention of breast cancer: a national online survey of GPs' attitudes. <i>British Journal of General Practice</i> , 2017 , 67, e414-e427	1.6	26
55	Dose-response relationships for N7-(2-hydroxyethyl)guanine induced by low-dose [¹⁴ C]ethylene oxide: evidence for a novel mechanism of endogenous adduct formation. <i>Cancer Research</i> , 2009 , 69, 3052-9	10.1	26
54	Tamoxifen forms DNA adducts in human colon after administration of a single [¹⁴ C]-labeled therapeutic dose. <i>Cancer Research</i> , 2007 , 67, 6995-7002	10.1	26
53	Development of an Interactive Decision Aid for Female BRCA1/BRCA2 Carriers. <i>Journal of Genetic Counseling</i> , 2003 , 12, 109-29	2.5	26
52	Time for a European initiative for research to prevent cancer: A manifesto for Cancer Prevention Europe (CPE). <i>Journal of Cancer Policy</i> , 2018 , 17, 15-23	1	25
51	Anthocyanin-rich red grape extract impedes adenoma development in the Apc(Min) mouse: pharmacodynamic changes and anthocyanin levels in the murine biophase. <i>European Journal of Cancer</i> , 2010 , 46, 811-7	7.5	23
50	BRCA1/2 test results impact risk management attitudes, intentions, and uptake. <i>Breast Cancer Research and Treatment</i> , 2010 , 124, 755-64	4.4	23
49	Techniques: the application of accelerator mass spectrometry to pharmacology and toxicology. <i>Trends in Pharmacological Sciences</i> , 2004 , 25, 442-7	13.2	23
48	Translating curcumin to the clinic for lung cancer prevention: evaluation of the preclinical evidence for its utility in primary, secondary, and tertiary prevention strategies. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 483-94	4.7	22
47	Simultaneous detection of five different 2-hydroxyethyl-DNA adducts formed by ethylene oxide exposure, using a high-performance liquid chromatography/electrospray ionisation tandem mass spectrometry assay. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 19-28	2.2	21
46	DNA adducts formed from 4-hydroxytamoxifen are more mutagenic than those formed by alpha-acetyltamoxifen in a shuttle vector target gene replicated in human Ad293 cells. <i>Biochemistry</i> , 2002 , 41, 8899-906	3.2	21

45	Determination of anthocyanins in the urine of patients with colorectal liver metastases after administration of bilberry extract. <i>Biomedical Chromatography</i> , 2011 , 25, 660-3	1.7	20
44	Mutagenicity of DNA adducts derived from ethylene oxide exposure in the pSP189 shuttle vector replicated in human Ad293 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 678, 129-37	3	20
43	Preclinical colorectal cancer chemopreventive efficacy and p53-modulating activity of 3',4',5'-trimethoxyflavonol, a quercetin analogue. <i>Cancer Prevention Research</i> , 2010 , 3, 929-39	3.2	19
42	Determination of DNA damage in F344 rats induced by geometric isomers of tamoxifen and analogues. <i>Chemical Research in Toxicology</i> , 1998 , 11, 527-34	4	19
41	Circulating tumor DNA in patients with colorectal adenomas: assessment of detectability and genetic heterogeneity. <i>Cell Death and Disease</i> , 2018 , 9, 894	9.8	19
40	Synthesis and spectroscopic characterization of site-specific 2-amino-1-methyl-6-phenylimidazo. <i>Nucleic Acids Research</i> , 2001 , 29, 1951-9	20.1	18
39	Targeting cancer stem-like cells using dietary-derived agents - Where are we now?. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1295-309	5.9	17
38	Methods for the detection of DNA adducts. <i>Methods in Molecular Biology</i> , 2012 , 817, 207-30	1.4	15
37	Pharmacokinetics in mice and metabolism in murine and human liver fractions of the putative cancer chemopreventive agents 3',4',5',5,7-pentamethoxyflavone and tricrin (4',5,7-trihydroxy-3',5'-dimethoxyflavone). <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 67, 255-63	3.5	15
36	Structural characterization of carcinogen-modified oligodeoxynucleotide adducts using matrix-assisted laser desorption/ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 68-79	2.2	14
35	Hepatic DNA adduct dosimetry in rats fed tamoxifen: a comparison of methods. <i>Mutagenesis</i> , 2005 , 20, 115-24	2.8	14
34	Detection of Plasma Curcuminoids from Dietary Intake of Turmeric-Containing Food in Human Volunteers. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800267	5.9	12
33	Therapeutic cancer prevention: achievements and ongoing challenges - a focus on breast and colorectal cancer. <i>Molecular Oncology</i> , 2019 , 13, 579-590	7.9	11
32	A family with three germline mutations in BRCA1 and BRCA2. <i>Clinical Genetics</i> , 1998 , 54, 215-8	4	11
31	Mutation spectra induced by alpha-acetoxytamoxifen-DNA adducts in human DNA repair proficient and deficient (xeroderma pigmentosum complementation group A) cells. <i>Biochemistry</i> , 2005 , 44, 8198-205	3.2	11
30	Short-term dosing of alpha-hydroxytamoxifen results in DNA damage but does not lead to liver tumours in female Wistar/Han rats. <i>Carcinogenesis</i> , 2001 , 22, 553-7	4.6	11
29	Site-specific tamoxifen-DNA adduct formation: lack of correlation with mutational ability in <i>Escherichia coli</i> . <i>Biochemistry</i> , 1999 , 38, 10989-96	3.2	11
28	Anthocyanins as tertiary chemopreventive agents in bladder cancer: anti-oxidant mechanisms and interaction with mitomycin C. <i>Mutagenesis</i> , 2014 , 29, 227-35	2.8	10

27	Dietary intake of rosmarinic acid by Apc(Min) mice, a model of colorectal carcinogenesis: levels of parent agent in the target tissue and effect on adenoma development. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 775-83	5.9	10
26	A novel ¹⁴ C-postlabeling assay using accelerator mass spectrometry for the detection of O6-methyldeoxy-guanosine adducts. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 883-91	2.2	10
25	General practitioner attitudes towards prescribing aspirin to carriers of Lynch Syndrome: findings from a national survey. <i>Familial Cancer</i> , 2017 , 16, 509-516	3	9
24	New concepts and challenges in the clinical translation of cancer preventive therapies: the role of pharmacodynamic biomarkers. <i>Ecancermedicalscience</i> , 2015 , 9, 601	2.7	9
23	Consumption of silibinin, a flavonolignan from milk thistle, and mammary cancer development in the C3(1) SV40 T,t antigen transgenic multiple mammary adenocarcinoma (TAg) mouse. <i>Cancer Chemotherapy and Pharmacology</i> , 2008 , 62, 369-72	3.5	9
22	An HPLC-UV method for the simultaneous quantification of curcumin and its metabolites in plasma and lung tissue: Potential for preclinical applications. <i>Biomedical Chromatography</i> , 2018 , 32, e4280	1.7	8
21	Inhibition of prostate cancer cell growth by 3',4',5'-trimethoxyflavonol (TMFol). <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 76, 179-85	3.5	7
20	APC10.1 cells as a model for assessing the efficacy of potential chemopreventive agents in the Apc(Min) mouse model in vivo. <i>European Journal of Cancer</i> , 2009 , 45, 2731-5	7.5	7
19	Mutagenicity of tamoxifen DNA adducts in human endometrial cells and in silico prediction of p53 mutation hotspots. <i>Nucleic Acids Research</i> , 2008 , 36, 5933-45	20.1	7
18	A Systematic Review Assessing Clinical Utility of Curcumin with a Focus on Cancer Prevention. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000977	5.9	7
17	Effects of a Grapevine Shoot Extract Containing Resveratrol and Resveratrol Oligomers on Intestinal Adenoma Development in Mice: In Vitro and In Vivo Studies. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700450	5.9	6
16	New Paradigms to Assess Consequences of Long-Term, Low-Dose Curcumin Exposure in Lung Cancer Cells. <i>Molecules</i> , 2020 , 25,	4.8	5
15	Tissue distribution and metabolism of the putative cancer chemopreventive agent 3',4',5'-trimethoxyflavonol (TMFol) in mice. <i>Biomedical Chromatography</i> , 2012 , 26, 1559-66	1.7	5
14	Synthesis of the flavonoid 3',4',5'-trimethoxyflavonol and its determination in plasma and tissues of mice by HPLC with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 939-42	3.2	5
13	Characterization and propagation of tumor initiating cells derived from colorectal liver metastases: trials, tribulations and a cautionary note. <i>PLoS ONE</i> , 2015 , 10, e0117776	3.7	5
12	Correspondence regarding M. Sharma et al., "Antioxidant inhibits tamoxifen-DNA adducts in endometrial explant culture". <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 1039	3.4	4
11	Do not throw out the resveratrol with the bath water. <i>JAMA Internal Medicine</i> , 2015 , 175, 140-1	11.5	3
10	Novel analogues of resveratrol: metabolism and inhibition of colon cancer cell proliferation. <i>Tetrahedron</i> , 2013 , 69, 6203-6212	2.4	3

9	Determination of 3',4',5',5,7-pentamethoxyflavone in the plasma and intestinal mucosa of mice by HPLC with UV detection. <i>Biomedical Chromatography</i> , 2009 , 23, 335-9	1.7	3
8	Development of a novel site-specific mutagenesis assay using MALDI-ToF MS (SSMA-MS). <i>Nucleic Acids Research</i> , 2006 , 34, e150	20.1	3
7	Cancer chemoprevention: factors influencing attitudes towards chemopreventive agents in high-risk populations. <i>European Journal of Cancer Prevention</i> , 2014 , 23, 594-601	2	2
6	Abstract A104: 3,4,5-trimethoxyflavonol (TMFol), a novel putative prostate cancer chemopreventive agent: In vitro and in vivo preclinical activity 2010 ,		2
5	Resveratrol for Cancer Prevention: Current Gaps and Opportunities 2020 , 19-47		2
4	Distribution and metabolism of [14C]-resveratrol in human prostate tissue after oral administration of a "dietary-achievable" or "pharmacological" dose: what are the implications for anticancer activity?. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1115-1125	7	2
3	WITHDRAWAL-Administrative Duplicate Publication: The essential role of prevention in reducing the cancer burden in Europe: a commentary from Cancer Prevention Europe. <i>Tumori</i> , 2020 , 106, NP2-NP4	1.7	0
2	Assessing barriers to a rational chemoprevention trial design in young patients with familial adenomatous polyposis. <i>European Journal of Cancer Prevention</i> , 2017 , 26, 277-284	2	
1	Response to comment on "Cancer chemoprevention: Evidence of a nonlinear dose response for the protective effects of resveratrol in humans and mice". <i>Science Translational Medicine</i> , 2016 , 8, 350lr2	17.5	