Maria H Traka

List of Publications by Year
in descending order

26 papers	2,137 citations	394421 19 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	2878 citing authors

#	Article	IF	Citations
1	Molecular basis for chemoprevention by sulforaphane: a comprehensive review. Cellular and Molecular Life Sciences, 2007, 64, 1105-1127.	5.4	619
2	Glucosinolates, isothiocyanates and human health. Phytochemistry Reviews, 2009, 8, 269-282.	6.5	413
3	Broccoli Consumption Interacts with GSTM1 to Perturb Oncogenic Signalling Pathways in the Prostate. PLoS ONE, 2008, 3, e2568.	2.5	135
4	Glucosinolate and Amino Acid Biosynthesis in Arabidopsis. Plant Physiology, 2004, 135, 828-839.	4.8	113
5	Genetic regulation of glucoraphanin accumulation in BenefortÃ©^{Â®} broccoli. New Phytologist, 2013, 198, 1085-1095.	7.3	111
6	Plant Science and Human Nutrition: Challenges in Assessing Health-Promoting Properties of Phytochemicals. Plant Cell, 2011, 23, 2483-2497.	6.6	85
7	Biological Profile of Erucin: A New Promising Anticancer Agent from Cruciferous Vegetables. Toxins, 2010, 2, 593-612.	3.4	79
8	Diet rich in high glucoraphanin broccoli reduces plasma LDL cholesterol: Evidence from randomised controlled trials. Molecular Nutrition and Food Research, 2015, 59, 918-926.	3.3	67
9	Transcriptional changes in prostate of men on active surveillance after a 12-mo glucoraphanin-rich broccoli interventionâ€"results from the Effect of Sulforaphane on prostate CAncer PrEvention (ESCAPE) randomized controlled trial. American Journal of Clinical Nutrition, 2019, 109, 1133-1144.	4.7	66
10	A diet rich in high-glucoraphanin broccoli interacts with genotype to reduce discordance in plasma metabolite profiles by modulating mitochondrial function. American Journal of Clinical Nutrition, 2013, 98, 712-722.	4.7	60
11	Bioavailability of Glucoraphanin and Sulforaphane from Highâ€Glucoraphanin Broccoli. Molecular Nutrition and Food Research, 2018, 62, e1700911.	3.3	57
12	The dietary isothiocyanate sulforaphane modulates gene expression and alternative gene splicing in a PTEN null preclinical murine model of prostate cancer. Molecular Cancer, 2010, 9, 189.	19.2	46
13	Antiproliferative Activity of the Dietary Isothiocyanate Erucin, a Bioactive Compound from Cruciferous Vegetables, on Human Prostate Cancer Cells. Nutrition and Cancer, 2013, 65, 132-138.	2.0	40
14	Sulforaphane and prostate cancer interception. Drug Discovery Today, 2014, 19, 1488-1492.	6.4	33
15	Gene expression profile of primary prostate epithelial and stromal cells in response to sulforaphane or iberin exposure. Prostate, 2009, 69, 1411-1421.	2.3	30
16	Suppression of <scp>LPS</scp>â€induced transcription and cytokine secretion by the dietary isothiocyanate sulforaphane. Molecular Nutrition and Food Research, 2014, 58, 2286-2296.	3.3	28
17	CRISPR-Cas9-Mediated Gene Editing of MYB28 Genes Impair Glucoraphanin Accumulation of Brassica oleracea in the Field. CRISPR Journal, 2021, 4, 416-426.	2.9	24
18	Involvement of KLF4 in Sulforaphane- and Iberin-Mediated Induction of p21waf1/cip1. Nutrition and Cancer, 2009, 61, 137-145.	2.0	23

#	Article	IF	Citations
19	Plant Bioactives and the Prevention of Prostate Cancer: Evidence from Human Studies. Nutrients, 2019, 11, 2245.	4.1	22
20	Maintaining and updating food composition datasets for multiple users and novel technologies: Current challenges from a UK perspective. Nutrition Bulletin, 2020, 45, 230-240.	1.8	21
21	Hydroxytyrosyl ethyl ether exhibits stronger intestinal anticarcinogenic potency and effects on transcript profiles compared to hydroxytyrosol. Food Chemistry, 2013, 138, 1172-1182.	8.2	16
22	Enhanced in Vitro Biological Activity of Synthetic 2-(2-Pyridyl) Ethyl Isothiocyanate Compared to Natural 4-(Methylsulfinyl) Butyl Isothiocyanate. Journal of Medicinal Chemistry, 2012, 55, 9682-9692.	6.4	15
23	Accumulation of Dietary Sâ€Methyl Cysteine Sulfoxide in Human Prostate Tissue. Molecular Nutrition and Food Research, 2019, 63, e1900461.	3.3	14
24	Increased transcriptional and metabolic capacity for lipid metabolism in the peripheral zone of the prostate may underpin its increased susceptibility to cancer. Oncotarget, 2017, 8, 84902-84916.	1.8	14
25	Characterisation of the Introgression of Brassica villosa Genome Into Broccoli to Enhance Methionine-Derived Glucosinolates and Associated Health Benefits. Frontiers in Plant Science, 2022, 13, 855707.	3.6	2
26	The effect of a high glucoraphanin broccoli diet on cardiovascular risk profile: a randomised controlled study. Proceedings of the Nutrition Society, 2012, 71, .	1.0	0