

Maria H Traka

List of Publications by Year in descending order

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26
papers

2,137
citations

393982

19
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

2878
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of the Introgression of <i>Brassica villosa</i> Genome Into Broccoli to Enhance Methionine-Derived Glucosinolates and Associated Health Benefits. <i>Frontiers in Plant Science</i> , 2022, 13, 855707.	1.7	2
2	CRISPR-Cas9-Mediated Gene Editing of <i>MYB28</i> Genes Impair Glucoraphanin Accumulation of <i>Brassica oleracea</i> in the Field. <i>CRISPR Journal</i> , 2021, 4, 416-426.	1.4	24
3	Maintaining and updating food composition datasets for multiple users and novel technologies: Current challenges from a UK perspective. <i>Nutrition Bulletin</i> , 2020, 45, 230-240.	0.8	21
4	Accumulation of Dietary Methyl Cysteine Sulfoxide in Human Prostate Tissue. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900461.	1.5	14
5	Plant Bioactives and the Prevention of Prostate Cancer: Evidence from Human Studies. <i>Nutrients</i> , 2019, 11, 2245.	1.7	22
6	Transcriptional changes in prostate of men on active surveillance after a 12-mo glucoraphanin-rich broccoli intervention—results from the Effect of Sulforaphane on prostate CAncer PrEvention (ESCAPE) randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1133-1144.	2.2	66
7	Bioavailability of Glucoraphanin and Sulforaphane from High-Glucoraphanin Broccoli. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700911.	1.5	57
8	Increased transcriptional and metabolic capacity for lipid metabolism in the peripheral zone of the prostate may underpin its increased susceptibility to cancer. <i>Oncotarget</i> , 2017, 8, 84902-84916.	0.8	14
9	Diet rich in high glucoraphanin broccoli reduces plasma LDL cholesterol: Evidence from randomised controlled trials. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 918-926.	1.5	67
10	Suppression of LPS-induced transcription and cytokine secretion by the dietary isothiocyanate sulforaphane. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2286-2296.	1.5	28
11	Sulforaphane and prostate cancer interception. <i>Drug Discovery Today</i> , 2014, 19, 1488-1492.	3.2	33
12	Hydroxytyrosyl ethyl ether exhibits stronger intestinal anticarcinogenic potency and effects on transcript profiles compared to hydroxytyrosol. <i>Food Chemistry</i> , 2013, 138, 1172-1182.	4.2	16
13	Antiproliferative Activity of the Dietary Isothiocyanate Erucin, a Bioactive Compound from Cruciferous Vegetables, on Human Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2013, 65, 132-138.	0.9	40
14	A diet rich in high-glucoraphanin broccoli interacts with genotype to reduce discordance in plasma metabolite profiles by modulating mitochondrial function. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 712-722.	2.2	60
15	Genetic regulation of glucoraphanin accumulation in Benefort broccoli. <i>New Phytologist</i> , 2013, 198, 1085-1095.	3.5	111
16	The effect of a high glucoraphanin broccoli diet on cardiovascular risk profile: a randomised controlled study. <i>Proceedings of the Nutrition Society</i> , 2012, 71, .	0.4	0
17	Enhanced in Vitro Biological Activity of Synthetic 2-(2-Pyridyl) Ethyl Isothiocyanate Compared to Natural 4-(Methylsulfinyl) Butyl Isothiocyanate. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9682-9692.	2.9	15
18	Plant Science and Human Nutrition: Challenges in Assessing Health-Promoting Properties of Phytochemicals. <i>Plant Cell</i> , 2011, 23, 2483-2497.	3.1	85

#	ARTICLE	IF	CITATIONS
19	Biological Profile of Erucin: A New Promising Anticancer Agent from Cruciferous Vegetables. <i>Toxins</i> , 2010, 2, 593-612.	1.5	79
20	The dietary isothiocyanate sulforaphane modulates gene expression and alternative gene splicing in a PTEN null preclinical murine model of prostate cancer. <i>Molecular Cancer</i> , 2010, 9, 189.	7.9	46
21	Involvement of KLF4 in Sulforaphane- and Iberin-Mediated Induction of p21waf1/cip1. <i>Nutrition and Cancer</i> , 2009, 61, 137-145.	0.9	23
22	Glucosinolates, isothiocyanates and human health. <i>Phytochemistry Reviews</i> , 2009, 8, 269-282.	3.1	413
23	Gene expression profile of primary prostate epithelial and stromal cells in response to sulforaphane or iberin exposure. <i>Prostate</i> , 2009, 69, 1411-1421.	1.2	30
24	Broccoli Consumption Interacts with GSTM1 to Perturb Oncogenic Signalling Pathways in the Prostate. <i>PLoS ONE</i> , 2008, 3, e2568.	1.1	135
25	Molecular basis for chemoprevention by sulforaphane: a comprehensive review. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1105-1127.	2.4	619
26	Glucosinolate and Amino Acid Biosynthesis in Arabidopsis. <i>Plant Physiology</i> , 2004, 135, 828-839.	2.3	113