

# Doris Marko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/750327/publications.pdf>

Version: 2024-02-01

185  
papers

8,425  
citations

46918

47  
h-index

56606

83  
g-index

193  
all docs

193  
docs citations

193  
times ranked

9141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycotoxin-mixture assessment in mother-infant pairs in Nigeria: From mothers' meal to infants'™ urine. <i>Chemosphere</i> , 2022, 287, 132226.	4.2	22
2	Elucidation of xenoestrogen metabolism by non-targeted, stable isotope-assisted mass spectrometry in breast cancer cells. <i>Environment International</i> , 2022, 158, 106940.	4.8	9
3	A target fishing study to spot possible biological targets of fusaric acid: Inhibition of protein kinase-A and insights on the underpinning mechanisms. <i>Food and Chemical Toxicology</i> , 2022, 159, 112663.	1.8	6
4	N-acetyl cysteine alters the genotoxic and estrogenic properties of <i>Alternaria</i> toxins in naturally occurring mixtures. <i>Emerging Contaminants</i> , 2022, 8, 30-38.	2.2	7
5	Persistence of the antagonistic effects of a natural mixture of <i>Alternaria</i> mycotoxins on the estrogen-like activity of human feces after anaerobic incubation. <i>Toxicology Letters</i> , 2022, 358, 88-99.	0.4	4
6	Cereulide and Deoxynivalenol Increase LC3 Protein Levels in HepG2 Liver Cells. <i>Toxins</i> , 2022, 14, 151.	1.5	6
7	<i>Alternaria alternata</i> Mycotoxins Activate the Aryl Hydrocarbon Receptor and Nrf2-ARE Pathway to Alter the Structure and Immune Response of Colon Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2022, 35, 731-749.	1.7	7
8	Foodborne compounds that alter plasma membrane architecture can modify the response of intestinal cells to shear stress in vitro. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116034.	1.3	6
9	Fungal Melanin Biosynthesis Pathway as Source for Fungal Toxins. <i>MBio</i> , 2022, 13, e0021922.	1.8	17
10	Salivary nitrate/nitrite and acetaldehyde in humans: potential combination effects in the upper gastrointestinal tract and possible consequences for the in vivo formation of N-nitroso compounds—a hypothesis. <i>Archives of Toxicology</i> , 2022, 96, 1905-1914.	1.9	5
11	TANNylation of mesoporous silica nanoparticles and bioactivity profiling in intestinal cells. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 962-973.	5.0	1
12	Fatty Acid Composition and Cytotoxic Activity of Lipid Extracts from <i>Nannochloropsis gaditana</i> Produced by Green Technologies. <i>Molecules</i> , 2022, 27, 3710.	1.7	7
13	Natural contaminants in infant food: The case of regulated and emerging mycotoxins. <i>Food Control</i> , 2021, 123, 107676.	2.8	22
14	Assessing Mixture Effects of Cereulide and Deoxynivalenol on Intestinal Barrier Integrity and Uptake in Differentiated Human Caco-2 Cells. <i>Toxins</i> , 2021, 13, 189.	1.5	7
15	In vitro interactions of <i>Alternaria</i> mycotoxins, an emerging class of food contaminants, with the gut microbiota: a bidirectional relationship. <i>Archives of Toxicology</i> , 2021, 95, 2533-2549.	1.9	12
16	Exploring the dermatotoxicity of the mycotoxin deoxynivalenol: combined morphologic and proteomic profiling of human epidermal cells reveals alteration of lipid biosynthesis machinery and membrane structural integrity relevant for skin barrier function. <i>Archives of Toxicology</i> , 2021, 95, 2201-2221.	1.9	11
17	Endoplasmic Reticulum Adaptation and Autophagic Competence Shape Response to Fluid Shear Stress in T24 Bladder Cancer Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 647350.	1.6	7
18	Systemically Achievable Doses of Beer Flavonoids Induce Estrogenicity in Human Endometrial Cells and Cause Synergistic Effects With Selected Pesticides. <i>Frontiers in Nutrition</i> , 2021, 8, 691872.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Contribution to the ongoing discussion on fluoride toxicity. Archives of Toxicology, 2021, 95, 2571-2587.	1.9	12
20	<i>Alternaria</i> toxins—Still emerging?. Comprehensive Reviews in Food Science and Food Safety, 2021, 20, 4390-4406.	5.9	51
21	Antioxidant Effects of Elderberry Anthocyanins in Human Colon Carcinoma Cells: A Study on Structure–Activity Relationships. Molecular Nutrition and Food Research, 2021, 65, e2100229.	1.5	12
22	Immunomodulatory Properties of Blackberry Anthocyanins in THP-1 Derived Macrophages. International Journal of Molecular Sciences, 2021, 22, 10483.	1.8	4
23	Long-Term Consumption of Anthocyanin-Rich Fruit Juice: Impact on Gut Microbiota and Antioxidant Markers in Lymphocytes of Healthy Males. Antioxidants, 2021, 10, 27.	2.2	11
24	Repurposing of the ALK Inhibitor Crizotinib for Acute Leukemia and Multiple Myeloma Cells. Pharmaceuticals, 2021, 14, 1126.	1.7	11
25	Isoflavones in Animals: Metabolism and Effects in Livestock and Occurrence in Feed. Toxins, 2021, 13, 836.	1.5	14
26	Combinatory estrogenic effects of bisphenol A in mixtures with alternariol and zearalenone in human endometrial cells. Toxicology Letters, 2020, 319, 242-249.	0.4	20
27	Exploring the TTC approach as a basis for risk management: The example of emerging <i>Alternaria</i> mycotoxins. Toxicology Letters, 2020, 320, 124-128.	0.4	1
28	Comparison of points of departure between subchronic and chronic toxicity studies on food additives, food contaminants and natural food constituents. Food and Chemical Toxicology, 2020, 146, 111784.	1.8	4
29	<i>Alternaria alternata</i> Toxins Synergistically Activate the Aryl Hydrocarbon Receptor Pathway In Vitro. Biomolecules, 2020, 10, 1018.	1.8	18
30	Gut microbiota and undigested food constituents modify toxin composition and suppress the genotoxicity of a naturally occurring mixture of <i>Alternaria</i> toxins in vitro. Archives of Toxicology, 2020, 94, 3541-3552.	1.9	13
31	Suppression of Trichothecene-Mediated Immune Response by the <i>Fusarium</i> Secondary Metabolite Butenolide in Human Colon Epithelial Cells. Frontiers in Nutrition, 2020, 7, 127.	1.6	4
32	Microfiltration results in the loss of analytes and affects the in vitro genotoxicity of a complex mixture of <i>Alternaria</i> toxins. Mycotoxin Research, 2020, 36, 399-408.	1.3	8
33	Toxicity of fluoride: critical evaluation of evidence for human developmental neurotoxicity in epidemiological studies, animal experiments and in vitro analyses. Archives of Toxicology, 2020, 94, 1375-1415.	1.9	109
34	Exposure to Mycotoxin-Mixtures via Breast Milk: An Ultra-Sensitive LC-MS/MS Biomonitoring Approach. Frontiers in Chemistry, 2020, 8, 423.	1.8	31
35	Structural Similarity with Cholesterol Reveals Crucial Insights into Mechanisms Sustaining the Immunomodulatory Activity of the Mycotoxin Alternariol. Cells, 2020, 9, 847.	1.8	20
36	Consumption of anthocyanin-rich beverages affects Nrf2 and Nrf2-dependent gene transcription in peripheral lymphocytes and DNA integrity of healthy volunteers. BMC Chemistry, 2020, 14, 39.	1.6	10

#	ARTICLE	IF	CITATIONS
37	Longitudinal assessment of mycotoxin co-exposures in exclusively breastfed infants. <i>Environment International</i> , 2020, 142, 105845.	4.8	25
38	Fate of free and modified <i>Alternaria</i> mycotoxins during the production of apple concentrates. <i>Food Control</i> , 2020, 118, 107388.	2.8	15
39	Stable Isotope-Assisted Metabolomics for Deciphering Xenobiotic Metabolism in Mammalian Cell Culture. <i>ACS Chemical Biology</i> , 2020, 15, 970-981.	1.6	25
40	Risk assessment of aflatoxins in food. <i>EFSA Journal</i> , 2020, 18, e06040.	0.9	172
41	Mycotoxin Alvertoxin II Induces Lipid Peroxidation Connecting Mitochondrial Stress Response to NF- $\kappa$ B Inhibition in THP-1 Macrophages. <i>Chemical Research in Toxicology</i> , 2020, 33, 492-504.	1.7	26
42	Combinatory effects of cereulide and deoxynivalenol on in vitro cell viability and inflammation of human Caco-2 cells. <i>Archives of Toxicology</i> , 2020, 94, 833-844.	1.9	17
43	Smart Protein-Based Formulation of Dendritic Mesoporous Silica Nanoparticles: Toward Oral Delivery of Insulin. <i>Chemistry - A European Journal</i> , 2020, 26, 5195-5199.	1.7	26
44	<i>Alternaria</i> toxins as casein kinase 2 inhibitors and possible consequences for estrogenicity: a hybrid in silico/in vitro study. <i>Archives of Toxicology</i> , 2020, 94, 2225-2237.	1.9	19
45	The Aza-Analogous Benzo[c]phenanthridine P8-D6 Acts as a Dual Topoisomerase I and II Poison, thus Exhibiting Potent Genotoxic Properties. <i>Molecules</i> , 2020, 25, 1524.	1.7	12
46	Pro-Inflammatory Effects of NX-3 Toxin Are Comparable to Deoxynivalenol and not Modulated by the Co-Occurring Pro-Oxidant Aurofusarin. <i>Microorganisms</i> , 2020, 8, 603.	1.6	10
47	First determination of the highly genotoxic fungal contaminant alvertoxin II in a naturally infested apple sample. <i>Emerging Contaminants</i> , 2020, 6, 82-86.	2.2	12
48	Gastro-protective protein-silica nanoparticles formulation for oral drug delivery: In vitro release, cytotoxicity and mitochondrial activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 171-180.	2.0	24
49	Hybrid in silico/in vitro target fishing to assign function to "orphans" compounds of food origin " The case of the fungal metabolite atromentin. <i>Food Chemistry</i> , 2019, 270, 61-69.	4.2	11
50	A Generic Liquid Chromatography-Tandem Mass Spectrometry Exposome Method for the Determination of Xenoestrogens in Biological Matrices. <i>Analytical Chemistry</i> , 2019, 91, 11334-11342.	3.2	53
51	Silica particles with a quercetin-R5 peptide conjugate are taken up into HT-29 cells and translocate into the nucleus. <i>Chemical Communications</i> , 2019, 55, 9649-9652.	2.2	8
52	The Fate of Alvertoxin II During Tomato Processing Steps at a Laboratory Scale. <i>Frontiers in Nutrition</i> , 2019, 6, 92.	1.6	15
53	Transfer and Metabolism of the Xenoestrogen Zearalenone in Human Perfused Placenta. <i>Environmental Health Perspectives</i> , 2019, 127, 107004.	2.8	47
54	Bioavailability, metabolism, and excretion of a complex <i>Alternaria</i> culture extract versus alvertoxin II: a comparative study in rats. <i>Archives of Toxicology</i> , 2019, 93, 3153-3167.	1.9	28

#	ARTICLE	IF	CITATIONS
55	Co-Occurrence and Combinatory Effects of <i>Alternaria</i> Mycotoxins and other Xenobiotics of Food Origin: Current Scenario and Future Perspectives. <i>Toxins</i> , 2019, 11, 640.	1.5	51
56	The <i>Alternaria</i> Mycotoxin Alternariol Triggers the Immune Response of IL-1 $\beta$ -stimulated, Differentiated Caco-2 Cells. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900341.	1.5	28
57	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , 2019, 53, 1113-1135.	1.5	54
58	Naturally occurring mixtures of <i>Alternaria</i> toxins: anti-estrogenic and genotoxic effects in vitro. <i>Archives of Toxicology</i> , 2019, 93, 3021-3031.	1.9	33
59	The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking. <i>Toxins</i> , 2019, 11, 317.	1.5	23
60	Antioxidative activity and health benefits of anthocyanin-rich fruit juice in healthy volunteers. <i>Free Radical Research</i> , 2019, 53, 1045-1055.	1.5	74
61	The <i>Fusarium</i> metabolite culmorin suppresses the in vitro glucuronidation of deoxynivalenol. <i>Archives of Toxicology</i> , 2019, 93, 1729-1743.	1.9	30
62	Daily consumption of a dark-roast coffee for eight weeks improved plasma oxidized LDL and alpha-tocopherol status: A randomized, controlled human intervention study. <i>Journal of Functional Foods</i> , 2019, 56, 40-48.	1.6	8
63	Quantitation of free and modified <i>Alternaria</i> mycotoxins in European food products by LC-MS/MS. <i>Food Control</i> , 2019, 102, 157-165.	2.8	56
64	Dark coffee consumption protects human blood cells from spontaneous DNA damage. <i>Journal of Functional Foods</i> , 2019, 55, 285-295.	1.6	10
65	First insights into <i>Alternaria</i> multi-toxin in vivo metabolism. <i>Toxicology Letters</i> , 2019, 301, 168-178.	0.4	52
66	Impact of Oxidative Metabolism on the Cytotoxic and Genotoxic Potential of Genistein in Human Colon Cancer Cells. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1800635.	1.5	9
67	A critical evaluation of health risk assessment of modified mycotoxins with a special focus on zearalenone. <i>Mycotoxin Research</i> , 2019, 35, 27-46.	1.3	51
68	Delphinidin protects colon carcinoma cells against the genotoxic effects of the mycotoxin altertoxin II. <i>Toxicology Letters</i> , 2018, 284, 136-142.	0.4	40
69	The secondary <i>Fusarium</i> metabolite aurofusarin induces oxidative stress, cytotoxicity and genotoxicity in human colon cells. <i>Toxicology Letters</i> , 2018, 284, 170-183.	0.4	26
70	Less-toxic rearrangement products of NX-toxins are formed during storage and food processing. <i>Toxicology Letters</i> , 2018, 284, 205-212.	0.4	18
71	Super-resolution Microscopical Localization of Dopamine Receptors 1 and 2 in Rat Hippocampal Synaptosomes. <i>Molecular Neurobiology</i> , 2018, 55, 4857-4869.	1.9	6
72	An integrated in silico/in vitro approach to assess the xenoestrogenic potential of <i>Alternaria</i> mycotoxins and metabolites. <i>Food Chemistry</i> , 2018, 248, 253-261.	4.2	57

#	ARTICLE	IF	CITATIONS
73	Monitoring Early Life Mycotoxin Exposures via LC-MS/MS Breast Milk Analysis. <i>Analytical Chemistry</i> , 2018, 90, 14569-14577.	3.2	63
74	The Hop Polyphenols Xanthohumol and 8-Prenyl-Naringenin Antagonize the Estrogenic Effects of Fusarium Mycotoxins in Human Endometrial Cancer Cells. <i>Frontiers in Nutrition</i> , 2018, 5, 85.	1.6	22
75	Functional impairment triggered by altertoxin II (ATXII) in intestinal cells in vitro: cross-talk between cytotoxicity and mechanotransduction. <i>Archives of Toxicology</i> , 2018, 92, 3535-3547.	1.9	26
76	Impact of glutathione modulation on the toxicity of the Fusarium mycotoxins deoxynivalenol (DON), NX-3 and butenolide in human liver cells. <i>Toxicology Letters</i> , 2018, 299, 104-117.	0.4	17
77	The mycotoxin alternariol suppresses lipopolysaccharide-induced inflammation in THP-1 derived macrophages targeting the NF- $\kappa$ B signalling pathway. <i>Archives of Toxicology</i> , 2018, 92, 3347-3358.	1.9	38
78	Tracking emerging mycotoxins in food: development of an LC-MS/MS method for free and modified Alternaria toxins. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4481-4494.	1.9	93
79	Resolution Matters: Correlating Quantitative Proteomics and Nanoscale Precision Microscopy for Reconstructing Synapse Identity. <i>Proteomics</i> , 2018, 18, e1800139.	1.3	4
80	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. <i>Scientific Reports</i> , 2018, 8, 11351.	1.6	16
81	Response of intestinal HT-29 cells to the trichothecene mycotoxin deoxynivalenol and its sulfated conjugates. <i>Toxicology Letters</i> , 2018, 295, 424-437.	0.4	26
82	In vitro combinatory effects of the Alternaria mycotoxins alternariol and altertoxin II and potentially involved miRNAs. <i>Toxicology Letters</i> , 2017, 267, 45-52.	0.4	40
83	A Dual Topoisomerase Inhibitor of Intense Pro-Apoptotic and Antileukemic Nature for Cancer Treatment. <i>ChemMedChem</i> , 2017, 12, 347-352.	1.6	13
84	Uncommon toxic microbial metabolite patterns in traditionally home-processed maize dish ( fufu ) consumed in rural Cameroon. <i>Food and Chemical Toxicology</i> , 2017, 107, 10-19.	1.8	38
85	Combinatory estrogenic effects between the isoflavone genistein and the mycotoxins zearalenone and alternariol in vitro. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600526.	1.5	50
86	Dual effectiveness of Alternaria but not Fusarium mycotoxins against human topoisomerase II and bacterial gyrase. <i>Archives of Toxicology</i> , 2017, 91, 2007-2016.	1.9	36
87	Synergistic estrogenic effects of Fusarium and Alternaria mycotoxins in vitro. <i>Archives of Toxicology</i> , 2017, 91, 1447-1460.	1.9	103
88	Activation of the Nrf2-ARE pathway by the Alternaria alternata mycotoxins altertoxin I and II. <i>Archives of Toxicology</i> , 2017, 91, 203-216.	1.9	33
89	Impact of phase I metabolism on uptake, oxidative stress and genotoxicity of the emerging mycotoxin alternariol and its monomethyl ether in esophageal cells. <i>Archives of Toxicology</i> , 2017, 91, 1213-1226.	1.9	27
90	Genistein and delphinidin antagonize the genotoxic effects of the mycotoxin alternariol in human colon carcinoma cells. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600462.	1.5	37

#	ARTICLE	IF	CITATIONS
91	Amorphous Silica Particles Relevant in Food Industry Influence Cellular Growth and Associated Signaling Pathways in Human Gastric Carcinoma Cells. <i>Nanomaterials</i> , 2017, 7, 18.	1.9	14
92	The cell-stretcher: A novel device for the mechanical stimulation of cell populations. <i>Review of Scientific Instruments</i> , 2016, 87, 084301.	0.6	17
93	Identification of a novel human deoxynivalenol metabolite enhancing proliferation of intestinal and urinary bladder cells. <i>Scientific Reports</i> , 2016, 6, 33854.	1.6	40
94	11-Substituted Benzo[ <i>a</i> ]phenanthridines: New Structures and Insight into Their Mode of Antiproliferative Action. <i>ChemMedChem</i> , 2016, 11, 2155-2170.	1.6	6
95	Bilberry extract, its major polyphenolic compounds, and the soy isoflavone genistein antagonize the cytostatic drug erlotinib in human epithelial cells. <i>Food and Function</i> , 2016, 7, 3628-3636.	2.1	12
96	A possible link between nutritional uptake of ubiquitous topoisomerase inhibitors and autism?. <i>International Journal of Developmental Neuroscience</i> , 2016, 53, 8-9.	0.7	4
97	Biomonitoring of Mycotoxins in Human Breast Milk: Current State and Future Perspectives. <i>Chemical Research in Toxicology</i> , 2016, 29, 1087-1097.	1.7	77
98	Impact of <i>Alternaria</i> toxins on CYP1A1 expression in different human tumor cells and relevance for genotoxicity. <i>Toxicology Letters</i> , 2016, 240, 93-104.	0.4	28
99	Methyleugenol and oxidative metabolites induce DNA damage and interact with human topoisomerases. <i>Archives of Toxicology</i> , 2016, 90, 2809-2823.	1.9	18
100	Non-synergistic cytotoxic effects of <i>Fusarium</i> and <i>Alternaria</i> toxin combinations in Caco-2 cells. <i>Toxicology Letters</i> , 2016, 241, 1-8.	0.4	59
101	Topoisomerase poisoning by genistein in the intestine of rats. <i>Toxicology Letters</i> , 2016, 243, 88-97.	0.4	8
102	Inhibition of topoisomerase II by phase II metabolites of resveratrol in human colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2448-2459.	1.5	14
103	Nonivamide Enhances miRNA let-7d Expression and Decreases Adipogenesis PPAR $\beta$ Expression in 3T3-L1 Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1153-1163.	1.2	39
104	Nitrate and nitrite in the diet: How to assess their benefit and risk for human health. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 106-128.	1.5	170
105	Spatiotemporal Dynamics of Oligofructan Metabolism and Suggested Functions in Developing Cereal Grains. <i>Frontiers in Plant Science</i> , 2015, 6, 1245.	1.7	7
106	Application of low-energy scanning transmission electron microscopy for the study of Pt-nanoparticle uptake in human colon carcinoma cells. <i>Nanotoxicology</i> , 2014, 8, 433-446.	1.6	12
107	Backscattered electron SEM imaging of cells and determination of the information depth. <i>Journal of Microscopy</i> , 2014, 254, 75-83.	0.8	11
108	Potential antioxidant response to coffee – A matter of genotype?. <i>Meta Gene</i> , 2014, 2, 525-539.	0.3	5

#	ARTICLE	IF	CITATIONS
109	Oxidative metabolism enhances the cytotoxic and genotoxic properties of the soy isoflavone daidzein. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1269-1281.	1.5	11
110	Proposal of a comprehensive definition of modified and other forms of mycotoxins including "masked" mycotoxins. <i>Mycotoxin Research</i> , 2014, 30, 197-205.	1.3	268
111	Topoisomerase II-Targeting Properties of a Grapevine-Shoot Extract and Resveratrol Oligomers. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 780-788.	2.4	15
112	A 4-week consumption of medium roast and dark roast coffees affects parameters of energy status in healthy subjects. <i>Food Research International</i> , 2014, 63, 409-419.	2.9	12
113	Four-week coffee consumption affects energy intake, satiety regulation, body fat, and protects DNA integrity. <i>Food Research International</i> , 2014, 63, 420-427.	2.9	41
114	Modulation of inflammatory gene transcription after long-term coffee consumption. <i>Food Research International</i> , 2014, 63, 428-438.	2.9	6
115	Resveratrol Modulates the Topoisomerase Inhibitory Potential of Doxorubicin in Human Colon Carcinoma Cells. <i>Molecules</i> , 2014, 19, 20054-20072.	1.7	14
116	<i>In vitro</i> toxicity of amorphous silica nanoparticles in human colon carcinoma cells. <i>Nanotoxicology</i> , 2013, 7, 274-293.	1.6	70
117	Effect of Microformulation on the Bioactivity of an Anthocyanin-rich Bilberry Pomace Extract ( <i>Vaccinium myrtillus</i> L.) <i>In Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4873-4881.	2.4	19
118	Anthocyanins suppress the cleavable complex formation by irinotecan and diminish its DNA-strand-breaking activity in the colon of Wistar rats. <i>Carcinogenesis</i> , 2013, 34, 835-840.	1.3	17
119	Apple procyanidins affect several members of the ErbB receptor tyrosine kinase family <i>in vitro</i> . <i>Food and Function</i> , 2013, 4, 689.	2.1	9
120	DNA damaging properties of single walled carbon nanotubes in human colon carcinoma cells. <i>Nanotoxicology</i> , 2013, 7, 2-20.	1.6	23
121	Modulation of the cellular redox status by the <i>Alternaria</i> toxins alternariol and alternariol monomethyl ether. <i>Toxicology Letters</i> , 2013, 216, 23-30.	0.4	53
122	Synthesis, topoisomerase-targeting activity and growth inhibition of lycobetaine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 814-823.	1.4	32
123	Delphinidin is a novel inhibitor of lymphangiogenesis but promotes mammary tumor growth and metastasis formation in syngeneic experimental rats. <i>Carcinogenesis</i> , 2013, 34, 2804-2813.	1.3	16
124	Modulation of $\text{NF-}\kappa\text{B}$ -dependent gene transcription by bilberry anthocyanins <i>in vivo</i> . <i>Molecular Nutrition and Food Research</i> , 2013, 57, 545-550.	1.5	51
125	Role of topoisomerase inhibition and DNA repair mechanisms in the genotoxicity of alternariol and altertoxin-II. <i>World Mycotoxin Journal</i> , 2013, 6, 233-244.	0.8	28
126	Characterization of a genotoxic impact compound in <i>Alternaria alternata</i> infested rice as Altertoxin II. <i>Archives of Toxicology</i> , 2012, 86, 1911-1925.	1.9	65



#	ARTICLE	IF	CITATIONS
127	Minor contribution of alternariol, alternariol monomethyl ether and tenuazonic acid to the genotoxic properties of extracts from <i>Alternaria alternata</i> infested rice. <i>Toxicology Letters</i> , 2012, 214, 46-52.	0.4	48
128	Targeting the DNA-topoisomerase complex in a double-strike approach with a topoisomerase inhibiting moiety and covalent DNA binder. <i>Chemical Communications</i> , 2012, 48, 4839.	2.2	130
129	Effect of Coffee Combining Green Coffee Bean Constituents with Typical Roasting Products on the Nrf2/ARE Pathway in Vitro and in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9631-9641.	2.4	51
130	Structure-Activity Relationships of Targeted Ru(II)- $\gamma$ -Cymene Anticancer Complexes with Flavonol-Derived Ligands. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10512-10522.	2.9	132
131	Induction of antioxidative Nrf2 gene transcription by coffee in humans: depending on genotype?. <i>Molecular Biology Reports</i> , 2012, 39, 7155-7162.	1.0	41
132	The <i>Alternaria</i> mycotoxins alternariol and alternariol methyl ether induce cytochrome P450 1A1 and apoptosis in murine hepatoma cells dependent on the aryl hydrocarbon receptor. <i>Archives of Toxicology</i> , 2012, 86, 625-632.	1.9	53
133	Anthocyanin-Rich Blackberry Extract Suppresses the DNA-Damaging Properties of Topoisomerase I and II Poisons in Colon Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6966-6973.	2.4	34
134	Platinum nanoparticles and their cellular uptake and DNA platination at non-cytotoxic concentrations. <i>Archives of Toxicology</i> , 2011, 85, 799-812.	1.9	125
135	Anthocyanin-rich extracts suppress the DNA-damaging effects of topoisomerase poisons in human colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S143-53.	1.5	29
136	Genotoxicity of dietary, environmental and therapeutic topoisomerase II poisons is uniformly correlated to prolongation of enzyme DNA residence. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S127-42.	1.5	26
137	Coffees rich in chlorogenic acid or N-methylpyridinium induce chemopreventive phase II enzymes via the Nrf2/ARE pathway in vitro and in vivo. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 798-802.	1.5	66
138	Dark roast coffee is more effective than light roast coffee in reducing body weight, and in restoring red blood cell vitamin E and glutathione concentrations in healthy volunteers. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1582-1586.	1.5	49
139	Coffee constituents as modulators of Nrf2 nuclear translocation and ARE (EpRE)-dependent gene expression. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 426-440.	1.9	189
140	In vivo bioassay to detect irinotecan-stabilized DNA/topoisomerase I complexes in rats. <i>Biotechnology Journal</i> , 2010, 5, 321-327.	1.8	11
141	Repair of DNA damage induced by the mycotoxin alternariol involves tyrosyl-DNA phosphodiesterase 1. <i>Mycotoxin Research</i> , 2010, 26, 247-256.	1.3	18
142	Anthocyanin-rich red grape extract impedes adenoma development in the ApcMin mouse: Pharmacodynamic changes and anthocyanin levels in the murine biophase. <i>European Journal of Cancer</i> , 2010, 46, 811-817.	1.3	25
143	Alternariol acts as a topoisomerase poison, preferentially affecting the III $\pm$ isoform. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 441-451.	1.5	171
144	Delphinidin inhibits a broad spectrum of receptor tyrosine kinases of the ErbB and VEGFR family. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1075-1083.	1.5	30

#	ARTICLE	IF	CITATIONS
145	Oxidative stress and DNA interactions are not involved in Enniatin- and Beauvericin-mediated apoptosis induction. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1112-1122.	1.5	61
146	Food-borne Mycotoxins. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 421-421.	1.5	1
147	Do anthocyanins and anthocyanidins, cancer chemopreventive pigments in the diet, merit development as potential drugs?. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 64, 201-211.	1.1	104
148	Suppression of the Kinase Activity of Receptor Tyrosine Kinases by Anthocyanin-Rich Mixtures Extracted from Bilberries and Grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3094-3101.	2.4	31
149	Cellular Uptake of Platinum Nanoparticles in Human Colon Carcinoma Cells and Their Impact on Cellular Redox Systems and DNA Integrity. <i>Chemical Research in Toxicology</i> , 2009, 22, 649-659.	1.7	146
150	Delphinidin Modulates the DNA-Damaging Properties of Topoisomerase II Poisons. <i>Chemical Research in Toxicology</i> , 2009, 22, 554-564.	1.7	26
151	Comparison of delphinidin, quercetin and (â€“)â€“epigallocatechinâ€“gallate as inhibitors of the EGFR and the ErbB2 receptor phosphorylation. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 815-822.	1.5	51
152	Oak Ellagitannins Suppress the Phosphorylation of the Epidermal Growth Factor Receptor in Human Colon Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3010-3015.	2.4	36
153	Impact of Delphinidin on the Maintenance of DNA Integrity in Human Colon Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 8891-8896.	2.4	9
154	Apple Polyphenols Affect Protein Kinase C Activity and the Onset of Apoptosis in Human Colon Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 4999-5006.	2.4	63
155	Delphinidin interferes with the DNA-damaging properties of the topoisomerase II poisons doxorubicin and etoposide in human colon carcinoma cells. <i>Toxicology Letters</i> , 2007, 172, S196.	0.4	1
156	The epidermal growth factor receptor and human topoisomerases represent potential cellular targets of oligomeric procyanidins. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 192-200.	1.5	19
157	Apple polyphenols diminish the phosphorylation of the epidermal growth factor receptor in HT29 colon carcinoma cells. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 594-601.	1.5	23
158	Limited stability in cell culture medium and hydrogen peroxide formation affect the growth inhibitory properties of delphinidin and its degradation product gallic acid. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1163-1172.	1.5	69
159	Modulation of Key Elements of the Wnt Pathway by Apple Polyphenols. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7041-7046.	2.4	11
160	Impact of Quercetin and EGCG on Key Elements of the Wnt Pathway in Human Colon Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7075-7082.	2.4	67
161	Biological activities of malvidin, a red wine anthocyanidin. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 390-395.	1.5	14
162	An Efficient Synthesis of a Lycobetaine-Tortuosine Analogue: A Potent Topoisomerase Inhibitor. <i>Synlett</i> , 2006, 2006, 3461-3463.	1.0	3

#	ARTICLE	IF	CITATIONS
163	Inhibitors of the epidermal growth factor receptor in apple juice extract. <i>Molecular Nutrition and Food Research</i> , 2005, 49, 317-328.	1.5	62
164	Anthocyanidins Modulate the Activity of Human DNA Topoisomerases I and II and Affect Cellular DNA Integrity. <i>Chemical Research in Toxicology</i> , 2005, 18, 1395-1404.	1.7	53
165	DNA strand breaking capacity of acrylamide and glycidamide in mammalian cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 580, 71-80.	0.9	60
166	Inhibitors of <i>Leishmania mexicana</i> CRK3 Cyclin-Dependent Kinase: Chemical Library Screen and Antileishmanial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3033-3042.	1.4	96
167	TDP1 Overexpression in Human Cells Counteracts DNA Damage Mediated by Topoisomerases I and II. <i>Journal of Biological Chemistry</i> , 2004, 279, 55618-55625.	1.6	129
168	The substitution pattern of anthocyanidins affects different cellular signaling cascades regulating cell proliferation. <i>Molecular Nutrition and Food Research</i> , 2004, 48, 318-325.	1.5	98
169	Maillard Reaction Products Modulating the Growth of Human Tumor Cells in Vitro. <i>Chemical Research in Toxicology</i> , 2003, 16, 48-55.	1.7	49
170	Studies on the inhibition of tumor cell growth and microtubule assembly by 3-hydroxy-4-[(E)-(2-furyl)methylidene]methyl-3-cyclopentene-1,2-dione, an intensely colored Maillard product formed from carbohydrates and l-proline. <i>International Congress Series</i> , 2002, 1245, 401-402.	0.2	0
171	Studies on the inhibition of tumor cell growth and microtubule assembly by 3-hydroxy-4-[(E)-(2-furyl)methylidene]methyl-3-cyclopentene-1,2-dione, an intensively coloured Maillard reaction product. <i>Food and Chemical Toxicology</i> , 2002, 40, 9-18.	1.8	27
172	7-Benzylamino-6-chloro-2-piperazino-4-pyrrolidino-pteridine, a potent inhibitor of cAMP-specific phosphodiesterase, enhancing nuclear protein binding to the CRE consensus sequence in human tumour cells. <i>Biochemical Pharmacology</i> , 2002, 63, 659-668.	2.0	10
173	Intracellular localization of 7-benzylamino-6-chloro-2-piperazino-4-pyrrolidino-pteridine in membrane structures impeding the inhibition of cytosolic cyclic AMP-specific phosphodiesterase. <i>Biochemical Pharmacology</i> , 2002, 63, 669-676.	2.0	9
174	The Anthocyanidins Cyanidin and Delphinidin Are Potent Inhibitors of the Epidermal Growth-Factor Receptor. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 958-962.	2.4	225
175	Indirubins Inhibit Glycogen Synthase Kinase-3 $\beta$ and CDK5/P25, Two Protein Kinases Involved in Abnormal Tau Phosphorylation in Alzheimer's Disease. <i>Journal of Biological Chemistry</i> , 2001, 276, 251-260.	1.6	633
176	Inhibition of cyclin-dependent kinase 1 (CDK1) by indirubin derivatives in human tumour cells. <i>British Journal of Cancer</i> , 2001, 84, 283-289.	2.9	171
177	In vitro Activity of Antimitotic Compounds Against the Microsporidium <i>Encephalitozoon intestinalis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 99s-100s.	0.8	3
178	Inhibitor Binding to Active and Inactive CDK2. <i>Structure</i> , 2001, 9, 389-397.	1.6	137
179	Lycobetaine acts as a selective topoisomerase II $\beta$ poison and inhibits the growth of human tumour cells. <i>British Journal of Cancer</i> , 2001, 85, 1585-1591.	2.9	43
180	Cyclic 3',5'-Nucleotide Phosphodiesterases: Potential Targets for Anticancer Therapy. <i>Chemical Research in Toxicology</i> , 2000, 13, 944-948.	1.7	41

#	ARTICLE	IF	CITATIONS
181	Indirubin, the active constituent of a Chinese antileukaemia medicine, inhibits cyclin-dependent kinases. <i>Nature Cell Biology</i> , 1999, 1, 60-67.	4.6	752
182	Induction of apoptosis by an inhibitor of cAMP-specific PDE in malignant murine carcinoma cells overexpressing PDE activity in comparison to their nonmalignant counterparts. <i>Cell Biochemistry and Biophysics</i> , 1998, 28, 75-101.	0.9	56
183	Methoxy-Substituted 3-Formyl-2-phenylindoles Inhibit Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4965-4972.	2.9	112
184	Synthesis of 7-Benzylamino-6-chloro-2-piperazino-4-pyrrolidinopteridine and Novel Derivatives Free of Positional Isomers. Potent Inhibitors of cAMP-Specific Phosphodiesterase and of Malignant Tumor Cell Growth. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4733-4743.	2.9	23
185	Combinatory Exposure to Urolithin A, Alternariol, and Deoxynivalenol Affects Colon Cancer Metabolism and Epithelial Barrier Integrity in vitro. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	9