

# Doris Marko

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	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
6	Risk assessment of aflatoxins in food. <i>EFSA Journal</i> , 2020, 18, e06040.	0.9	172
7	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
8	Alternariol acts as a topoisomerase poison, preferentially affecting the $\beta$ isoform. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 441-451.	1.5	171
9	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
10	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
11	Inhibitor Binding to Active and Inactive CDK2. <i>Structure</i> , 2001, 9, 389-397.	1.6	137
12	Structure-Activity Relationships of Targeted Ru(II) ( $\beta$ -Cymene) Anticancer Complexes with Flavonol-Derived Ligands. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10512-10522.	2.9	132
13	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
14	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
15	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
16	Methoxy-Substituted 3-Formyl-2-phenylindoles Inhibit Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4965-4972.	2.9	112
17	Toxicity of fluoride: critical evaluation of evidence for human developmental neurotoxicity in epidemiological studies, animal experiments and in vitro analyses. <i>Archives of Toxicology</i> , 2020, 94, 1375-1415.	1.9	109
18	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

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19	Synergistic estrogenic effects of Fusarium and Alternaria mycotoxins in vitro. Archives of Toxicology, 2017, 91, 1447-1460.	1.9	103
20	The substitution pattern of anthocyanidins affects different cellular signaling cascades regulating cell proliferation. Molecular Nutrition and Food Research, 2004, 48, 318-325.	1.5	98
21	Inhibitors of Leishmania mexicana CRK3 Cyclin-Dependent Kinase: Chemical Library Screen and Antileishmanial Activity. Antimicrobial Agents and Chemotherapy, 2004, 48, 3033-3042.	1.4	96
22	Tracking emerging mycotoxins in food: development of an LC-MS/MS method for free and modified Alternaria toxins. Analytical and Bioanalytical Chemistry, 2018, 410, 4481-4494.	1.9	93
23	Biomonitoring of Mycotoxins in Human Breast Milk: Current State and Future Perspectives. Chemical Research in Toxicology, 2016, 29, 1087-1097.	1.7	77
24	Antioxidative activity and health benefits of anthocyanin-rich fruit juice in healthy volunteers. Free Radical Research, 2019, 53, 1045-1055.	1.5	74
25	<i>In vitro</i> toxicity of amorphous silica nanoparticles in human colon carcinoma cells. Nanotoxicology, 2013, 7, 274-293.	1.6	70
26	Limited stability in cell culture medium and hydrogen peroxide formation affect the growth inhibitory properties of delphinidin and its degradation product gallic acid. Molecular Nutrition and Food Research, 2007, 51, 1163-1172.	1.5	69
27	Impact of Quercetin and EGCG on Key Elements of the Wnt Pathway in Human Colon Carcinoma Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 7075-7082.	2.4	67
28	Coffees rich in chlorogenic acid or N-methylpyridinium induce chemopreventive phase II enzymes via the Nrf2/ARE pathway in vitro and in vivo. Molecular Nutrition and Food Research, 2011, 55, 798-802.	1.5	66
29	Characterization of a genotoxic impact compound in Alternaria alternata infested rice as Alvertoxin II. Archives of Toxicology, 2012, 86, 1911-1925.	1.9	65
30	Apple Polyphenols Affect Protein Kinase C Activity and the Onset of Apoptosis in Human Colon Carcinoma Cells. Journal of Agricultural and Food Chemistry, 2007, 55, 4999-5006.	2.4	63
31	Monitoring Early Life Mycotoxin Exposures via LC-MS/MS Breast Milk Analysis. Analytical Chemistry, 2018, 90, 14569-14577.	3.2	63
32	Inhibitors of the epidermal growth factor receptor in apple juice extract. Molecular Nutrition and Food Research, 2005, 49, 317-328.	1.5	62
33	Oxidative stress and DNA interactions are not involved in Enniatin and Beauvericin mediated apoptosis induction. Molecular Nutrition and Food Research, 2009, 53, 1112-1122.	1.5	61
34	DNA strand breaking capacity of acrylamide and glycidamide in mammalian cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 580, 71-80.	0.9	60
35	Non-synergistic cytotoxic effects of Fusarium and Alternaria toxin combinations in Caco-2 cells. Toxicology Letters, 2016, 241, 1-8.	0.4	59
36	An integrated in silico/in vitro approach to assess the xenoestrogenic potential of Alternaria mycotoxins and metabolites. Food Chemistry, 2018, 248, 253-261.	4.2	57

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37	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
38	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
39	Contaminants: a dark side of food supplements?. <i>Free Radical Research</i> , 2019, 53, 1113-1135.	1.5	54
40	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
41	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
42	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
43	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
44	First insights into <i>Alternaria</i> multi-toxin in vivo metabolism. <i>Toxicology Letters</i> , 2019, 301, 168-178.	0.4	52
45	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
46	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
47	Modulation of <scp>N</scp>rf2â€“dependent gene transcription by bilberry anthocyanins in vivo. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 545-550.	1.5	51
48	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
49	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
50	<i>Alternaria</i> toxinsâ€“Still emerging?. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 4390-4406.	5.9	51
51	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
52	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
53	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
54	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

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55	Transfer and Metabolism of the Xenoestrogen Zearalenone in Human Perfused Placenta. <i>Environmental Health Perspectives</i> , 2019, 127, 107004.	2.8	47
56	Lycobetaine acts as a selective topoisomerase II <sup>β</sup> poison and inhibits the growth of human tumour cells. <i>British Journal of Cancer</i> , 2001, 85, 1585-1591.	2.9	43
57	Cyclic 3',5'-Nucleotide Phosphodiesterases: Potential Targets for Anticancer Therapy. <i>Chemical Research in Toxicology</i> , 2000, 13, 944-948.	1.7	41
58	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
59	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
60	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
61	In vitro combinatory effects of the <i>Alternaria</i> mycotoxins alternariol and altertoxin II and potentially involved miRNAs. <i>Toxicology Letters</i> , 2017, 267, 45-52.	0.4	40
62	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
63	Nonivamide Enhances miRNA let-7d Expression and Decreases Adipogenesis PPAR <sup>γ</sup> Expression in 3T3-L1 Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1153-1163.	1.2	39
64	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
65	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
66	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
67	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
68	Dual effectiveness of <i>Alternaria</i> but not <i>Fusarium</i> mycotoxins against human topoisomerase II and bacterial gyrase. <i>Archives of Toxicology</i> , 2017, 91, 2007-2016.	1.9	36
69	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
70	Activation of the Nrf2-ARE pathway by the <i>Alternaria alternata</i> mycotoxins altertoxin I and II. <i>Archives of Toxicology</i> , 2017, 91, 203-216.	1.9	33
71	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
72	Synthesis, topoisomerase-targeting activity and growth inhibition of lycobetaine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 814-823.	1.4	32

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73	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
74	Exposure to Mycotoxin-Mixtures via Breast Milk: An Ultra-Sensitive LC-MS/MS Biomonitoring Approach. <i>Frontiers in Chemistry</i> , 2020, 8, 423.	1.8	31
75	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
76	The Fusarium metabolite culmorin suppresses the in vitro glucuronidation of deoxynivalenol. <i>Archives of Toxicology</i> , 2019, 93, 1729-1743.	1.9	30
77	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
78	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
79	Impact of Alternaria toxins on CYP1A1 expression in different human tumor cells and relevance for genotoxicity. <i>Toxicology Letters</i> , 2016, 240, 93-104.	0.4	28
80	Bioavailability, metabolism, and excretion of a complex Alternaria culture extract versus altertoxin II: a comparative study in rats. <i>Archives of Toxicology</i> , 2019, 93, 3153-3167.	1.9	28
81	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
82	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
83	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
84	Delphinidin Modulates the DNA-Damaging Properties of Topoisomerase II Poisons. <i>Chemical Research in Toxicology</i> , 2009, 22, 554-564.	1.7	26
85	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
86	The secondary Fusarium metabolite aurofusarin induces oxidative stress, cytotoxicity and genotoxicity in human colon cells. <i>Toxicology Letters</i> , 2018, 284, 170-183.	0.4	26
87	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
88	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
89	Mycotoxin Altertoxin 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
90	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

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91	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
92	Longitudinal assessment of mycotoxin co-exposures in exclusively breastfed infants. <i>Environment International</i> , 2020, 142, 105845.	4.8	25
93	Stable Isotope-Assisted Metabolomics for Deciphering Xenobiotic Metabolism in Mammalian Cell Culture. <i>ACS Chemical Biology</i> , 2020, 15, 970-981.	1.6	25
94	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
95	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
96	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
97	DNA damaging properties of single walled carbon nanotubes in human colon carcinoma cells. <i>Nanotoxicology</i> , 2013, 7, 2-20.	1.6	23
98	The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking. <i>Toxins</i> , 2019, 11, 317.	1.5	23
99	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
100	Natural contaminants in infant food: The case of regulated and emerging mycotoxins. <i>Food Control</i> , 2021, 123, 107676.	2.8	22
101	Mycotoxin-mixture assessment in mother-infant pairs in Nigeria: From mothers' meal to infants' urine. <i>Chemosphere</i> , 2022, 287, 132226.	4.2	22
102	Combinatory estrogenic effects of bisphenol A in mixtures with alternariol and zearalenone in human endometrial cells. <i>Toxicology Letters</i> , 2020, 319, 242-249.	0.4	20
103	Structural Similarity with Cholesterol Reveals Crucial Insights into Mechanisms Sustaining the Immunomodulatory Activity of the Mycotoxin Alternariol. <i>Cells</i> , 2020, 9, 847.	1.8	20
104	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
105	Effect of Microformulation on the Bioactivity of an Anthocyanin-rich Bilberry Pomace Extract ( <i>Vaccinium myrtillus</i> L.) in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4873-4881.	2.4	19
106	Alternaria 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
107	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
108	Methyleugenol and oxidative metabolites induce DNA damage and interact with human topoisomerases. <i>Archives of Toxicology</i> , 2016, 90, 2809-2823.	1.9	18



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109	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
110	<i>Alternaria alternata</i> Toxins Synergistically Activate the Aryl Hydrocarbon Receptor Pathway In Vitro. <i>Biomolecules</i> , 2020, 10, 1018.	1.8	18
111	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
112	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
113	Impact of glutathione modulation on the toxicity of the <i>Fusarium</i> mycotoxins deoxynivalenol (DON), NX-3 and butenolide in human liver cells. <i>Toxicology Letters</i> , 2018, 299, 104-117.	0.4	17
114	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
115	Fungal Melanin Biosynthesis Pathway as Source for Fungal Toxins. <i>MBio</i> , 2022, 13, e0021922.	1.8	17
116	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
117	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
118	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
119	The Fate of Alerteroxin II During Tomato Processing Steps at a Laboratory Scale. <i>Frontiers in Nutrition</i> , 2019, 6, 92.	1.6	15
120	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
121	Biological activities of malvidin, a red wine anthocyanidin. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 390-395.	1.5	14
122	Resveratrol Modulates the Topoisomerase Inhibitory Potential of Doxorubicin in Human Colon Carcinoma Cells. <i>Molecules</i> , 2014, 19, 20054-20072.	1.7	14
123	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
124	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
125	Isoflavones in Animals: Metabolism and Effects in Livestock and Occurrence in Feed. <i>Toxins</i> , 2021, 13, 836.	1.5	14
126	A Dual Topoisomerase Inhibitor of Intense Pro-Apoptotic and Antileukemic Nature for Cancer Treatment. <i>ChemMedChem</i> , 2017, 12, 347-352.	1.6	13



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127	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. <i>Archives of Toxicology</i> , 2020, 94, 3541-3552.	1.9	13
128	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
129	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
130	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
131	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
132	First determination of the highly genotoxic fungal contaminant altertoxin II in a naturally infested apple sample. <i>Emerging Contaminants</i> , 2020, 6, 82-86.	2.2	12
133	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
134	Contribution to the ongoing discussion on fluoride toxicity. <i>Archives of Toxicology</i> , 2021, 95, 2571-2587.	1.9	12
135	Antioxidant Effects of Elderberry Anthocyanins in Human Colon Carcinoma Cells: A Study on Structure-Activity Relationships. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100229.	1.5	12
136	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
137	<i>In vivo</i> bioassay to detect irinotecan-stabilized DNA/topoisomerase I complexes in rats. <i>Biotechnology Journal</i> , 2010, 5, 321-327.	1.8	11
138	Backscattered electron SEM imaging of cells and determination of the information depth. <i>Journal of Microscopy</i> , 2014, 254, 75-83.	0.8	11
139	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
140	Hybrid in silico/in vitro target fishing to assign function to orphan-compounds of food origin – The case of the fungal metabolite atromentin. <i>Food Chemistry</i> , 2019, 270, 61-69.	4.2	11
141	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
142	Long-Term Consumption of Anthocyanin-Rich Fruit Juice: Impact on Gut Microbiota and Antioxidant Markers in Lymphocytes of Healthy Males. <i>Antioxidants</i> , 2021, 10, 27.	2.2	11
143	Repurposing of the ALK Inhibitor Crizotinib for Acute Leukemia and Multiple Myeloma Cells. <i>Pharmaceuticals</i> , 2021, 14, 1126.	1.7	11
144	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

#	ARTICLE	IF	CITATIONS
145	Dark coffee consumption protects human blood cells from spontaneous DNA damage. <i>Journal of Functional Foods</i> , 2019, 55, 285-295.	1.6	10
146	Consumption of anthocyanin-rich beverages affects Nrf2 and Nrf2-dependent gene transcription in peripheral lymphocytes and DNA integrity of healthy volunteers. <i>BMC Chemistry</i> , 2020, 14, 39.	1.6	10
147	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
148	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
149	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
150	Apple procyanidins affect several members of the ErbB receptor tyrosine kinase family in vitro. <i>Food and Function</i> , 2013, 4, 689.	2.1	9
151	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
152	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
153	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
154	Topoisomerase poisoning by genistein in the intestine of rats. <i>Toxicology Letters</i> , 2016, 243, 88-97.	0.4	8
155	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
156	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
157	Microfiltration results in the loss of analytes and affects the in vitro genotoxicity of a complex mixture of Alternaria toxins. <i>Mycotoxin Research</i> , 2020, 36, 399-408.	1.3	8
158	Spatiotemporal Dynamics of Oligofructan Metabolism and Suggested Functions in Developing Cereal Grains. <i>Frontiers in Plant Science</i> , 2015, 6, 1245.	1.7	7
159	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
160	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
161	N-acetyl cysteine alters the genotoxic and estrogenic properties of Alternaria toxins in naturally occurring mixtures. <i>Emerging Contaminants</i> , 2022, 8, 30-38.	2.2	7
162	<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

#	ARTICLE	IF	CITATIONS
163	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
164	Modulation of inflammatory gene transcription after long-term coffee consumption. <i>Food Research International</i> , 2014, 63, 428-438.	2.9	6
165	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
166	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
167	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
168	Cereulide and Deoxynivalenol Increase LC3 Protein Levels in HepG2 Liver Cells. <i>Toxins</i> , 2022, 14, 151.	1.5	6
169	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
170	Potential antioxidant response to coffee – A matter of genotype?. <i>Meta Gene</i> , 2014, 2, 525-539.	0.3	5
171	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
172	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
173	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
174	Resolution Matters: Correlating Quantitative Proteomics and Nanoscale-Precision Microscopy for Reconstructing Synapse Identity. <i>Proteomics</i> , 2018, 18, e1800139.	1.3	4
175	Comparison of points of departure between subchronic and chronic toxicity studies on food additives, food contaminants and natural food constituents. <i>Food and Chemical Toxicology</i> , 2020, 146, 111784.	1.8	4
176	Suppression of Trichothecene-Mediated Immune Response by the Fusarium Secondary Metabolite Butenolide in Human Colon Epithelial Cells. <i>Frontiers in Nutrition</i> , 2020, 7, 127.	1.6	4
177	Immunomodulatory Properties of Blackberry Anthocyanins in THP-1 Derived Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10483.	1.8	4
178	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
179	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
180	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
181	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
182	Food-borne Mycotoxins. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 421-421.	1.5	1
183	Exploring the TTC approach as a basis for risk management: The example of emerging <i>Alternaria</i> mycotoxins. <i>Toxicology Letters</i> , 2020, 320, 124-128.	0.4	1
184	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
185	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