Pablo Steinberg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nitrate and nitrite in the diet: How to assess their benefit and risk for human health. Molecular Nutrition and Food Research, 2015, 59, 106-128.	3.3	170
2	Safety aspects of the production of foods and food ingredients from insects. Molecular Nutrition and Food Research, 2017, 61, 1600520.	3.3	116
3	Mode of action-based risk assessment of genotoxic carcinogens. Archives of Toxicology, 2020, 94, 1787-1877.	4.2	99
4	Phytosterol oxidation products in enriched foods: Occurrence, exposure, and biological effects. Molecular Nutrition and Food Research, 2015, 59, 1339-1352.	3.3	56
5	Ninety-day oral toxicity studies on two genetically modified maize MON810 varieties in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). Archives of Toxicology, 2014, 88, 2289-2314.	4.2	55
6	Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats. Archives of Toxicology, 2019, 93, 1095-1139.	4.2	40
7	Hazard assessment of quinaldine-, alkylcarbazole-, benzene- and toluene-based liquid organic hydrogen carrier (LOHCs) systems. Energy and Environmental Science, 2019, 12, 366-383.	30.8	36
8	One-year oral toxicity study on a genetically modified maize MON810 variety in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). Archives of Toxicology, 2016, 90, 2531-2562.	4.2	33
9	DNA damage response curtails detrimental replication stress and chromosomal instability induced by the dietary carcinogen PhIP. Nucleic Acids Research, 2016, 44, 10259-10276.	14.5	30
10	Gut Microbial Transformation of the Dietary Imidazoquinoxaline Mutagen MelQx Reduces Its Cytotoxic and Mutagenic Potency. Toxicological Sciences, 2017, 159, 266-276.	3.1	29
11	Surface defects reduce Carbon Nanotube toxicity in vitro. Toxicology in Vitro, 2019, 60, 12-18.	2.4	29
12	Assessment of mixture toxicity of (tri)azoles and their hepatotoxic effects in vitro by means of omics technologies. Archives of Toxicology, 2019, 93, 2321-2333.	4.2	28
13	Mixture Effects of Estrogenic Pesticides at the Human Estrogen Receptor α and β. PLoS ONE, 2016, 11, e0147490.	2.5	23
14	Establishment of an <i>In Vitro</i> Intestinal Epithelial Cell Culture Model of Avian Origin. Avian Diseases, 2017, 61, 229-236.	1.0	23
15	The Resveratrol Tetramer r-Viniferin Induces a Cell Cycle Arrest Followed by Apoptosis in the Prostate Cancer Cell Line LNCaP. Phytotherapy Research, 2015, 29, 1640-1645.	5.8	21
16	Enhancing the interpretation of statistical P values in toxicology studies: implementation of linear mixed models (LMMs) and standardized effect sizes (SESs). Archives of Toxicology, 2016, 90, 731-751.	4.2	21
17	Variability of control data and relevance of observed group differences in five oral toxicity studies with genetically modified maize MON810 in rats. Archives of Toxicology, 2017, 91, 1977-2006.	4.2	20
18	Red Meat-Derived Nitroso Compounds, Lipid Peroxidation Products and Colorectal Cancer. Foods, 2019, 8, 252.	4.3	18

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19	Non-targeted and targeted analysis of oxylipins in combination with charge-switch derivatization by ion mobility high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 5743-5757.	3.7	17
20	Susceptibility of primary chicken intestinal epithelial cells for low pathogenic avian influenza virus and velogenic viscerotropic Newcastle disease virus. Virus Research, 2016, 225, 50-63.	2.2	16
21	The influence of a chronic L arnitine administration on the plasma metabolome of male FischerÂ344 rats*. Molecular Nutrition and Food Research, 2017, 61, 1600651.	3.3	15
22	Intestinal absorption and cell transforming potential of PhIP-M1, a bacterial metabolite of the heterocyclic aromatic amine 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP). Toxicology Letters, 2015, 234, 92-98.	0.8	13
23	Development of an online-SPE-LC-MS method for the investigation of the intestinal absorption of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PHIP) and its bacterial metabolite PHIP-M1 in a Caco-2 Transwell system. Food Chemistry, 2015, 166, 537-543.	8.2	13
24	In Vitro–In Vivo Carcinogenicity. Advances in Biochemical Engineering/Biotechnology, 2016, 157, 81-96.	1.1	13
25	Gut microbial transformation of the dietary mutagen MelQx may reduce exposure levels without altering intestinal transport. Toxicology in Vitro, 2019, 59, 238-245.	2.4	13
26	Dietary Polyphenols Inhibit the Cytochrome P450 Monooxygenase Branch of the Arachidonic Acid Cascade with Remarkable Structure-Dependent Selectivity and Potency. Journal of Agricultural and Food Chemistry, 2020, 68, 9235-9244.	5.2	13
27	Uptake of the colon carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by different segments of the rat gastrointestinal tract: Its implication in colorectal carcinogenesis. Toxicology Letters, 2010, 196, 60-66.	0.8	12
28	The colon carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) is actively secreted in the distal colon of the rat: an integrated view on the role of PhIP transport and metabolism in PhIP-induced colon carcinogenesis. Archives of Toxicology, 2013, 87, 895-904.	4.2	12
29	Humoral and cellular immune response in Wistar Han RCC rats fed two genetically modified maize MON810 varieties for 90Âdays (EU 7th Framework Programme project GRACE). Archives of Toxicology, 2018, 92, 2385-2399.	4.2	12
30	Biperiden and mepazine effectively inhibit MALT1 activity and tumor growth in pancreatic cancer. International Journal of Cancer, 2020, 146, 1618-1630.	5.1	12
31	Effect of acute and chronic DSS induced colitis on plasma eicosanoid and oxylipin levels in the rat. Prostaglandins and Other Lipid Mediators, 2015, 120, 155-160.	1.9	11
32	The influence of chronic l-carnitine supplementation on the formation of preneoplastic and atherosclerotic lesions in the colon and aorta of male F344 rats. Archives of Toxicology, 2015, 89, 2079-2087.	4.2	11
33	Fatty acid composition of free-living and parasitic stages of the bovine lungworm Dictyocaulus viviparus. Molecular and Biochemical Parasitology, 2017, 216, 39-44.	1.1	10
34	Effects of a Grapevine Shoot Extract Containing Resveratrol and Resveratrol Oligomers on Intestinal Adenoma Development in Mice: In Vitro and In Vivo Studies. Molecular Nutrition and Food Research, 2018, 62, 1700450.	3.3	10
35	Synthesis and in vitro characterization of the genotoxic, mutagenic and cell-transforming potential of nitrosylated heme. Archives of Toxicology, 2020, 94, 3911-3927.	4.2	10
36	Growth-Inhibiting Activity of Resveratrol Imine Analogs on Tumor Cells In Vitro. PLoS ONE, 2017, 12, e0170502.	2.5	10

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37	Screening of molecular cell targets for carcinogenic heterocyclic aromatic amines by using CALUX® reporter gene assays. Cell Biology and Toxicology, 2017, 33, 283-293.	5.3	8
38	The ability of the YAS and AR CALUX assays to detect the additive effects of anti-androgenic fungicide mixtures. Toxicology Letters, 2016, 241, 193-199.	0.8	7
39	A daring task: the battle against food crime. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2019, 14, 317-318.	1.4	7
40	Impact of dextran sulphate sodium-induced colitis on the intestinal transport of the colon carcinogen PhIP. Archives of Toxicology, 2016, 90, 1093-1102.	4.2	6
41	Transcriptomic Analysis of Intestinal Tissues from Two 90-Day Feeding Studies in Rats Using Genetically Modified MON810 Maize Varieties. Frontiers in Genetics, 2017, 8, 222.	2.3	6
42	The Setup of the National Reference Centre for Authentic Food (NRZâ€Authent) in Germany. European Journal of Lipid Science and Technology, 2019, 121, 1900023.	1.5	5
43	Repair of O6-carboxymethylguanine adducts by O6-methylguanine-DNA methyltransferase in human colon epithelial cells. Carcinogenesis, 2021, 42, 1110-1118.	2.8	5
44	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. Archives of Toxicology, 2022, 96, 1905-1914.	4.2	5
45	Methionine restriction inhibits chemically-induced malignant transformation in the BALB/c 3T3 cell transformation assay. Food and Chemical Toxicology, 2016, 95, 196-202.	3.6	4
46	Folic acid modulates cancerâ€associated micro RNAs and inflammatory mediators in neoplastic and nonâ€neoplastic colonic cells in a different way. Molecular Nutrition and Food Research, 2017, 61, 1700260.	3.3	4
47	Isolation and Quantification of Sphingosine and Sphinganine from Rat Serum Revealed Gender Differences. Biomolecules, 2019, 9, 459.	4.0	4
48	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.	3.6	4
49	Response to a report and press release by Bauer-Panskus and Then (2014) criticizing the presentation and interpretation of the results of recently published 90-day feeding studies with diets containing genetically modified MON810-maize varieties and their comparators (ZeljenkovÃ; et al. 2014). Archives of Toxicology, 2015, 89, 137-139.	4.2	3
50	Proposed criteria for the evaluation of the scientific quality of mandatory rat and mouse feeding trials with whole food/feed derived from genetically modified plants. Archives of Toxicology, 2016, 90, 2287-2291.	4.2	3
51	Letter in response to the letter to the editor of archives of toxicology by Woegerbauer et al. (2016). Archives of Toxicology, 2016, 90, 3133-3137.	4.2	0