

# Pablo Steinberg

## List of Publications by Citations

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77  
papers

827  
citations

15  
h-index

26  
g-index

86  
ext. papers

996  
ext. citations

5.8  
avg. IF

4.15  
L-index

#	Paper	IF	Citations
77	Nitrate and nitrite in the diet: how to assess their benefit and risk for human health. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 106-28	5.9	140
76	Safety aspects of the production of foods and food ingredients from insects. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600520	5.9	82
75	Mode of action-based risk assessment of genotoxic carcinogens. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 1787-1837	5.87	46
74	Ninety-day oral toxicity studies on two genetically modified maize MON810 varieties in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). <i>Archives of Toxicology</i> , <b>2014</b> , 88, 2289-314	5.8	44
73	Phytosterol oxidation products in enriched foods: Occurrence, exposure, and biological effects. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1339-52	5.9	43
72	One-year oral toxicity study on a genetically modified maize MON810 variety in Wistar Han RCC rats (EU 7th Framework Programme project GRACE). <i>Archives of Toxicology</i> , <b>2016</b> , 90, 2531-62	5.8	25
71	Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 1095-1139	5.8	24
70	Gut Microbial Transformation of the Dietary Imidazoquinoxaline Mutagen MelQx Reduces Its Cytotoxic and Mutagenic Potency. <i>Toxicological Sciences</i> , <b>2017</b> , 159, 266-276	4.4	21
69	Assessment of mixture toxicity of (tri)azoles and their hepatotoxic effects in vitro by means of omics technologies. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 2321-2333	5.8	20
68	Mixture Effects of Estrogenic Pesticides at the Human Estrogen Receptor and $\beta$ . <i>PLoS ONE</i> , <b>2016</b> , 11, e0147490	3.7	20
67	DNA damage response curtails detrimental replication stress and chromosomal instability induced by the dietary carcinogen PhIP. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 10259-10276	20.1	19
66	The Resveratrol Tetramer r-Viniferin Induces a Cell Cycle Arrest Followed by Apoptosis in the Prostate Cancer Cell Line LNCaP. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 1640-5	6.7	19
65	Establishment of an In Vitro Intestinal Epithelial Cell Culture Model of Avian Origin. <i>Avian Diseases</i> , <b>2017</b> , 61, 229-236	1.6	17
64	Surface defects reduce Carbon Nanotube toxicity in vitro. <i>Toxicology in Vitro</i> , <b>2019</b> , 60, 12-18	3.6	16
63	Variability of control data and relevance of observed group differences in five oral toxicity studies with genetically modified maize MON810 in rats. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1977-2006	5.8	15
62	Enhancing the interpretation of statistical P values in toxicology studies: implementation of linear mixed models (LMMs) and standardized effect sizes (SEs). <i>Archives of Toxicology</i> , <b>2016</b> , 90, 731-51	5.8	14
61	The influence of a chronic L-carnitine administration on the plasma metabolome of male Fischer 344 rats. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600651	5.9	13

60	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). <i>Toxicology Letters</i> , <b>2015</b> , 234, 92-8	4.4	13
59	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. <i>Food Chemistry</i> , <b>2015</b> , 166, 537-543	8.5	13
58	Susceptibility of primary chicken intestinal epithelial cells for low pathogenic avian influenza virus and velogenic viscerotropic Newcastle disease virus. <i>Virus Research</i> , <b>2016</b> , 225, 50-63	6.4	12
57	Hazard assessment of quinaldine-, alkylcarbazole-, benzene- and toluene-based liquid organic hydrogen carrier (LOHCs) systems. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 366-383	35.4	11
56	Red Meat-Derived Nitroso Compounds, Lipid Peroxidation Products and Colorectal Cancer. <i>Foods</i> , <b>2019</b> , 8,	4.9	11
55	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. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 895-904	5.8	11
54	Effect of acute and chronic DSS induced colitis on plasma eicosanoid and oxylinpin levels in the rat. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2015</b> , 120, 155-60	3.7	10
53	A Panel of Quantitative Calux <sup>®</sup> Reporter Gene Assays for Reliable High-Throughput Toxicity Screening of Chemicals and Complex Mixtures <b>2013</b> , 519-532		10
52	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. <i>Toxicology Letters</i> , <b>2010</b> , 196, 60-6	4.4	10
51	In Vitro-In Vivo Carcinogenicity. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2017</b> , 157, 81-96	1.7	9
50	Growth-Inhibiting Activity of Resveratrol Imine Analogs on Tumor Cells In Vitro. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170502	3.7	9
49	Gut microbial transformation of the dietary mutagen MeIQx may reduce exposure levels without altering intestinal transport. <i>Toxicology in Vitro</i> , <b>2019</b> , 59, 238-245	3.6	8
48	The influence of chronic L-carnitine supplementation on the formation of preneoplastic and atherosclerotic lesions in the colon and aorta of male F344 rats. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 2079-87	5.8	8
47	Fatty acid composition of free-living and parasitic stages of the bovine lungworm <i>Dictyocaulus viviparus</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2017</b> , 216, 39-44	1.9	7
46	Screening of molecular cell targets for carcinogenic heterocyclic aromatic amines by using CALUX <sup>®</sup> reporter gene assays. <i>Cell Biology and Toxicology</i> , <b>2017</b> , 33, 283-293	7.4	6
45	Effects of a Grapevine Shoot Extract Containing Resveratrol and Resveratrol Oligomers on Intestinal Adenoma Development in Mice: In Vitro and In Vivo Studies. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700450	5.9	6
44	Humoral and cellular immune response in Wistar Han RCC rats fed two genetically modified maize MON810 varieties for 90 days (EU 7th Framework Programme project GRACE). <i>Archives of Toxicology</i> , <b>2018</b> , 92, 2385-2399	5.8	6
43	The Setup of the National Reference Centre for Authentic Food (NRZ-Authent) in Germany. <i>European Journal of Lipid Science and Technology</i> , <b>2019</b> , 121, 1900023	3	5

42	Transcriptomic Analysis of Intestinal Tissues from Two 90-Day Feeding Studies in Rats Using Genetically Modified MON810 Maize Varieties. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 222	4.5	5
41	High-Throughput Bacterial Mutagenicity Testing: Vitotox <sup>®</sup> Assay <b>2013</b> , 213-232		5
40	Synthesis and in vitro characterization of the genotoxic, mutagenic and cell-transforming potential of nitrosylated heme. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 3911-3927	5.8	5
39	Non-targeted and targeted analysis of oxylipins in combination with charge-switch derivatization by ion mobility high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5743-5757	4.4	5
38	The ability of the YAS and AR CALUX assays to detect the additive effects of anti-androgenic fungicide mixtures. <i>Toxicology Letters</i> , <b>2016</b> , 241, 193-9	4.4	5
37	Biperiden and mepazine effectively inhibit MALT1 activity and tumor growth in pancreatic cancer. <i>International Journal of Cancer</i> , <b>2020</b> , 146, 1618-1630	7.5	5
36	Impact of dextran sulphate sodium-induced colitis on the intestinal transport of the colon carcinogen PhIP. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1093-102	5.8	4
35	Folic acid modulates cancer-associated micro RNAs and inflammatory mediators in neoplastic and non-neoplastic colonic cells in a different way. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700260 <sup>5.9</sup>	5.9	4
34	Dr-Calux <sup>®</sup> : A High-Throughput Screening Assay for the Detection of Dioxin and Dioxin-Like Compounds in Food and Feed. <b>2013</b> , 533-546		4
33	Methionine restriction inhibits chemically-induced malignant transformation in the BALB/c 3T3 cell transformation assay. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 95, 196-202	4.7	4
32	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 (Zeljencov <sup>®</sup> et al. 2014). <i>Archives of Toxicology</i> , <b>2015</b> , 89, 137-9	5.8	3
31	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. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 2287-2291	5.8	3
30	High-Throughput Assays to Quantify the Formation of DNA Strand Breaks <b>2013</b> , 285-294		3
29	Dietary Polyphenols Inhibit the Cytochrome P450 Monooxygenase Branch of the Arachidonic Acid Cascade with Remarkable Structure-Dependent Selectivity and Potency. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9235-9244	5.7	3
28	Isolation and Quantification of Sphingosine and Sphinganine from Rat Serum Revealed Gender Differences. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	2
27	High-Throughput Toxicity Testing in Drug Development: Aims, Strategies, and Novel Trends <b>2013</b> , 33-75		2
26	Incorporating Human Dosimetry and Exposure Information with High-Throughput Screening Data in Chemical Toxicity Assessment <b>2013</b> , 77-95		2
25	High-Throughput Screening Assays for the Assessment of Cytotoxicity <b>2013</b> , 107-127		2

24	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> , <b>2020</b> , 146, 111784	4.7	2
23	Repair of O6-carboxymethylguanine adducts by O6-methylguanine-DNA methyltransferase in human colon epithelial cells. <i>Carcinogenesis</i> , <b>2021</b> , 42, 1110-1118	4.6	2
22	ToxCast: Predicting Toxicity Potential Through High-Throughput Bioactivity Profiling <b>2013</b> , 1-31		1
21	High-Throughput Flow Cytometry Analysis of Apoptosis <b>2013</b> , 129-142		1
20	The Keratinosens Assay: A High-Throughput Screening Assay to Assess Chemical Skin Sensitization <b>2013</b> , 159-175		1
19	Genotoxicity and Carcinogenicity: Regulatory and Novel Test Methods <b>2013</b> , 233-269		1
18	Zebrafish Development: High-Throughput Test Systems to Assess Developmental Toxicity <b>2013</b> , 371-383		1
17	High-Throughput Screening Assays to Evaluate the Cardiotoxic Potential of Drugs <b>2013</b> , 403-420		1
16	Automated Soft Agar Colony Formation Assay for the High-Throughput Screening of Malignant Cell Transformation <b>2013</b> , 309-316		1
15	High-Throughput Quantification of Morphologically Transformed Foci in Bhas 42 Cells (v-Ha-ras Transfected Balb/c 3T3) Using Spectrophotometry <b>2013</b> , 317-339		1
14	Evaluating the Peroxisomal Phenotype in High Content Toxicity Profiling <b>2013</b> , 501-517		1
13	The Use of Human Embryonic Stem Cells in High-Throughput Toxicity Assays <b>2013</b> , 97-105		
12	High Content Imaging-Based Screening for Cellular Toxicity Pathways <b>2013</b> , 143-157		
11	High-Throughput Screening Assays to Assess Chemical Phototoxicity <b>2013</b> , 177-190		
10	Ames III and Ames Liquid Format Mutagenicity Screening Assays <b>2013</b> , 191-211		
9	Embryonic Stem Cell Test (EST): Molecular Endpoints Toward High-Throughput Analysis of Chemical Embryotoxic Potential <b>2013</b> , 357-370		
8	Single Cell Imaging Cytometry-Based High-Throughput Analysis of Drug-Induced Cardiotoxicity <b>2013</b> , 385-402		
7	High-Throughput Screening Assays to Evaluate the Hematotoxic Potential of Drugs <b>2013</b> , 421-429		

- 6 High-Throughput Enzyme Biocolloid Systems for Drug Metabolism and Genotoxicity Profiling Using LCMS/MS **2013**, 431-452
- 5 High-Throughput Genotoxicity Testing: The Greenscreen Assay **2013**, 271-284
- 4 High-Throughput Versions of the Comet Assay **2013**, 295-308
- 3 ReProGlo: A New Stem-Cell-Based High-Throughput Assay to Predict the Embryotoxic Potential of Chemicals **2013**, 341-355
- 2 Higher-Throughput Screening Methods to Identify Cytochrome P450 Inhibitors and Inducers: Current Applications and Practice **2013**, 453-477
- 1 High-Throughput Yeast-Based Assays to Study Receptor-Mediated Toxicity **2013**, 479-499