

# James E Klaunig

## List of Publications by Year in descending order

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201  
papers

13,424  
citations

30070

54  
h-index

24258

110  
g-index

202  
all docs

202  
docs citations

202  
times ranked

14748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevention of cytotoxicity and inhibition of intercellular communication by antioxidant catechins isolated from Chinese green tea. <i>Carcinogenesis</i> , 1989, 10, 1003-1008.	2.8	1,543
2	The Role of Oxidative Stress in Carcinogenesis. <i>Annual Review of Pharmacology and Toxicology</i> , 2004, 44, 239-267.	9.4	1,312
3	Oxidative Stress and Oxidative Damage in Carcinogenesis. <i>Toxicologic Pathology</i> , 2010, 38, 96-109.	1.8	758
4	Biological stress response terminology: Integrating the concepts of adaptive response and preconditioning stress within a hormetic dose-response framework. <i>Toxicology and Applied Pharmacology</i> , 2007, 222, 122-128.	2.8	631
5	PPAR $\alpha$ Agonist-Induced Rodent Tumors: Modes of Action and Human Relevance. <i>Critical Reviews in Toxicology</i> , 2003, 33, 655-780.	3.9	549
6	Mouse liver cell culture. <i>In Vitro</i> , 1981, 17, 913-925.	1.2	377
7	Oxidative stress and oxidative damage in chemical carcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 86-99.	2.8	355
8	Oxidative Stress and Cancer. <i>Current Pharmaceutical Design</i> , 2019, 24, 4771-4778.	1.9	331
9	Role of the Kupffer Cell in Mediating Hepatic Toxicity and Carcinogenesis. <i>Toxicological Sciences</i> , 2006, 96, 2-15.	3.1	269
10	Mode of Action in Relevance of Rodent Liver Tumors to Human Cancer Risk. <i>Toxicological Sciences</i> , 2006, 89, 51-56.	3.1	246
11	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
12	Mode of action framework analysis for receptor-mediated toxicity: The peroxisome proliferator-activated receptor alpha (PPAR $\alpha$ ) as a case study. <i>Critical Reviews in Toxicology</i> , 2014, 44, 1-49.	3.9	191
13	Nutritional model of steatohepatitis and metabolic syndrome in the Ossabaw miniature swine. <i>Hepatology</i> , 2009, 50, 56-67.	7.3	176
14	Overview: Using Mode of Action and Life Stage Information to Evaluate the Human Relevance of Animal Toxicity Data. <i>Critical Reviews in Toxicology</i> , 2005, 35, 663-672.	3.9	166
15	Role of the Mitochondrial Membrane Permeability Transition (MPT) in Rotenone-Induced Apoptosis in Liver Cells. <i>Toxicological Sciences</i> , 2000, 53, 340-351.	3.1	160
16	Chemical, Oncogene and Growth Factor Inhibition of Gap Junctional Intercellular Communication: An Integrative Hypothesis of Carcinogenesis. <i>Pathobiology</i> , 1990, 58, 265-278.	3.8	153
17	Evaluating the Human Relevance of Chemically Induced Animal Tumors. <i>Toxicological Sciences</i> , 2004, 78, 181-186.	3.1	146
18	Effect of transport stress on respiratory disease, serum antioxidant status, and serum concentrations of lipid peroxidation biomarkers in beef cattle. <i>American Journal of Veterinary Research</i> , 2004, 65, 860-864.	0.6	132

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19	Alterations in brain structure and function in breast cancer survivors: effect of post-chemotherapy interval and relation to oxidative DNA damage. <i>Breast Cancer Research and Treatment</i> , 2013, 137, 493-502.	2.5	119
20	The PPAR $\alpha$ -dependent rodent liver tumor response is not relevant to humans: addressing misconceptions. <i>Archives of Toxicology</i> , 2018, 92, 83-119.	4.2	112
21	Novel mechanisms in chemically induced hepatotoxicity 1. <i>FASEB Journal</i> , 1994, 8, 1285-1295.	0.5	108
22	Linear low-dose extrapolation for noncancer health effects is the exception, not the rule. <i>Critical Reviews in Toxicology</i> , 2011, 41, 1-19.	3.9	108
23	Inhibition of cellular transformation by berry extracts. <i>Carcinogenesis</i> , 2001, 22, 351-356.	2.8	103
24	The Role of Oxidative Stress in Chemical Carcinogenesis. <i>Environmental Health Perspectives</i> , 1998, 106, 289.	6.0	101
25	Chemopreventive Effects of Green and Black Tea on Pulmonary and Hepatic Carcinogenesis. <i>Fundamental and Applied Toxicology</i> , 1996, 29, 244-250.	1.8	93
26	Acrylamide-Induced Cellular Transformation. <i>Toxicological Sciences</i> , 2002, 65, 177-183.	3.1	93
27	Acrylamide Carcinogenicity. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5984-5988.	5.2	90
28	Hemangiosarcoma in Rodents: Mode-of-Action Evaluation and Human Relevance. <i>Toxicological Sciences</i> , 2009, 111, 4-18.	3.1	90
29	Epigenetic mechanisms of chemical carcinogenesis. <i>Human and Experimental Toxicology</i> , 2000, 19, 543-555.	2.2	89
30	Effects of Di-isononyl Phthalate, Di-2-ethylhexyl Phthalate, and Clofibrate in Cynomolgus Monkeys. <i>Toxicological Sciences</i> , 2000, 56, 181-188.	3.1	87
31	The Human Relevance of Information on Carcinogenic Modes of Action: Overview. <i>Critical Reviews in Toxicology</i> , 2003, 33, 581-589.	3.9	84
32	Mode of Action analysis of perfluorooctanoic acid (PFOA) tumorigenicity and Human Relevance. <i>Reproductive Toxicology</i> , 2012, 33, 410-418.	2.9	84
33	Studies on the specificity of the effects of oxygen metabolites on cardiac sodium pump. <i>Journal of Molecular and Cellular Cardiology</i> , 1990, 22, 911-920.	1.9	82
34	The Role of Oxidative Stress in Indium Phosphide-Induced Lung Carcinogenesis in Rats. <i>Toxicological Sciences</i> , 2001, 64, 28-40.	3.1	82
35	Conditional $\beta$ -catenin loss in mice promotes chemical hepatocarcinogenesis: Role of oxidative stress and platelet-derived growth factor receptor $\alpha$ /phosphoinositide 3-kinase signaling. <i>Hepatology</i> , 2010, 52, 954-965.	7.3	82
36	A randomized placebo-controlled pilot study of N-acetylcysteine in youth with autism spectrum disorder. <i>Molecular Autism</i> , 2016, 7, 26.	4.9	79

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37	The Effect of Tea Consumption on Oxidative Stress in Smokers and Nonsmokers. Proceedings of the Society for Experimental Biology and Medicine, 1999, 220, 249-254.	1.8	77
38	Support of Science-Based Decisions Concerning the Evaluation of the Toxicology of Mixtures: A New Beginning. Regulatory Toxicology and Pharmacology, 2002, 36, 34-39.	2.7	73
39	A water soluble parthenolide analog suppresses <i>in vivo</i> tumor growth of two tobacco-associated cancers, lung and bladder cancer, by targeting NF- $\kappa$ B and generating reactive oxygen species. International Journal of Cancer, 2011, 128, 2481-2494.	5.1	72
40	Alkaline Comet Assay for Assessing DNA Damage in Individual Cells. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2015, 65, 3.12.1-3.12.11.	1.1	72
41	CANCER BIOLOGY: Dose dependence of phenobarbital promotion of preneoplastic hepatic lesions in F344 rats and B6C3F1 mice: effects on DNA synthesis and apoptosis. Carcinogenesis, 1996, 17, 947-954.	2.8	71
42	Oxidative stress in carcinogenesis. Current Opinion in Toxicology, 2018, 7, 116-121.	5.0	69
43	Chemopreventive effects of green tea components on hepatic carcinogenesis. Preventive Medicine, 1992, 21, 510-519.	3.4	65
44	Inhibition of mouse hepatocyte intercellular communication by paraquat-generated oxygen free radicals. Toxicology and Applied Pharmacology, 1988, 94, 427-436.	2.8	63
45	Induction of Oxidative Stress in Rat Brain by Acrylonitrile (ACN). Toxicological Sciences, 1998, 46, 333-341.	3.1	63
46	Infection of rat liver epithelial cells with v-Ha-ras: Correlation between oncogene expression, gap junctional communication, and tumorigenicity. Molecular Carcinogenesis, 1990, 3, 54-67.	2.7	62
47	Evaluation of the Chronic Toxicity and Carcinogenicity of Perfluorohexanoic Acid (PFHxA) in Sprague-Dawley Rats. Toxicologic Pathology, 2015, 43, 209-220.	1.8	62
48	Strain and species effects on the inhibition of hepatocyte intercellular communication by liver tumor promoters. Cancer Letters, 1987, 36, 161-168.	7.2	61
49	Minocycline blocks 6-hydroxydopamine-induced neurotoxicity and free radical production in rat cerebellar granule neurons. Life Sciences, 2003, 72, 1635-1641.	4.3	61
50	Subchronic Effects of Dieldrin and Phenobarbital on Hepatic DNA Synthesis in Mice and Rats. Fundamental and Applied Toxicology, 1996, 29, 219-228.	1.8	60
51	Induction of oxidative stress and oxidative damage in rat glial cells by acrylonitrile. Carcinogenesis, 1999, 20, 1555-1560.	2.8	59
52	Comparative effects of phenobarbital, DDT, and lindane on mouse hepatocyte gap junctional intercellular communication. Toxicology and Applied Pharmacology, 1990, 102, 553-563.	2.8	58
53	Reversal of frax-induced inhibition of gap-junctional intercellular communication, transformation, and tumorigenesis by lovastatin. Molecular Carcinogenesis, 1993, 7, 50-59.	2.7	54
54	Role of Oxidative Stress in the Selective Toxicity of Dieldrin in the Mouse Liver. Toxicology and Applied Pharmacology, 1998, 150, 301-309.	2.8	54

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55	Effects of tumor promoters, genotoxic carcinogens and hepatocytotoxins on mouse hepatocyte intercellular communication. <i>Cell Biology and Toxicology</i> , 1986, 2, 469-483.	5.3	52
56	Antioxidant prevention of tumor promoter induced inhibition of mouse hepatocyte intercellular communication. <i>Cancer Letters</i> , 1986, 33, 137-150.	7.2	51
57	Human relevance of rodent liver tumors: Key insights from a Toxicology Forum workshop on nongenotoxic modes of action. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 1-7.	2.7	50
58	Toxicology of decamethylcyclopentasiloxane (D5). <i>Regulatory Toxicology and Pharmacology</i> , 2016, 74, S67-S76.	2.7	49
59	Inhibition of gap junctional intercellular communication and malignant transformation of rat liver epithelial cells by neu oncogene. <i>Carcinogenesis</i> , 1995, 16, 311-317.	2.8	48
60	Inhibition of gap junctional intercellular communication by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in rat hepatocytes. <i>Carcinogenesis</i> , 1995, 16, 2321-2326.	2.8	48
61	Monograph: Reassessment of human cancer risk of aldrin/dieldrin. <i>Toxicology Letters</i> , 1999, 109, 123-186.	0.8	48
62	Inhibition of hepatocyte gap junctional intercellular communication by endosulfan, chlordane and heptachlor. <i>Carcinogenesis</i> , 1990, 11, 1097-1101.	2.8	46
63	Effects of culture duration on hydrogen peroxide-induced hepatocyte toxicity. <i>Toxicology and Applied Pharmacology</i> , 1989, 100, 451-464.	2.8	45
64	Effects of Di-2-Ethylhexyl Phthalate (DEHP) on Gap-Junctional Intercellular Communication (GJIC), DNA Synthesis, and Peroxisomal Beta Oxidation (PBOX) in Rat, Mouse, and Hamster Liver. <i>Toxicological Sciences</i> , 2000, 56, 73-85.	3.1	45
65	Antioxidant Vitamin C Prevents Decline in Endothelial Function during Sitting. <i>Medical Science Monitor</i> , 2015, 21, 1015-1021.	1.1	44
66	COMPARATIVE EFFECTS OF PHTHALATE MONOESTERS ON GAP JUNCTIONAL INTERCELLULAR COMMUNICATION AND PEROXISOME PROLIFERATION IN RODENT AND PRIMATE HEPATOCYTES. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 569-588.	2.3	42
67	Assessment of the Mode of Action Underlying the Effects of GenX in Mouse Liver and Implications for Assessing Human Health Risks. <i>Toxicologic Pathology</i> , 2020, 48, 494-508.	1.8	40
68	Reversibility and Persistence of Di-2-ethylhexyl Phthalate (DEHP)- and Phenobarbital-Induced Hepatocellular Changes in Rodents. <i>Toxicological Sciences</i> , 2001, 64, 192-199.	3.1	39
69	Subchronic acrylamide treatment induces a tissue-specific increase in DNA synthesis in the rat. <i>Toxicology Letters</i> , 2004, 154, 95-103.	0.8	39
70	Proposed mode of action of benzene-induced leukemia: Interpreting available data and identifying critical data gaps for risk assessment. <i>Chemico-Biological Interactions</i> , 2010, 184, 279-285.	4.0	39
71	Acrylonitrile-Induced Oxidative Stress and Oxidative DNA Damage in Male Sprague-Dawley Rats. <i>Toxicological Sciences</i> , 2009, 111, 64-71.	3.1	38
72	Modulation of xenobiotic nuclear receptors in high-fat diet induced non-alcoholic fatty liver disease. <i>Toxicology</i> , 2018, 410, 199-213.	4.2	38

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73	Evaluation of amiodarone free radical toxicity in rat hepatocytes. Toxicology Letters, 1991, 56, 117-126.	0.8	37
74	Inhibition of tumor promotion and hepatocellular growth by dietary restriction in mice. Carcinogenesis, 1996, 17, 1657-1664.	2.8	37
75	Selective dieldrin promotion of hepatic focal lesions in mice. Carcinogenesis, 1996, 17, 1243-1250.	2.8	37
76	Mechanisms of Acrylamide Induced Rodent Carcinogenesis. , 2005, 561, 49-62.		37
77	Dose-Related Induction of Hepatic Preneoplastic Lesions by Diethylnitrosamine in C57BL/6 Mice. Toxicologic Pathology, 2011, 39, 776-786.	1.8	37
78	The effects of perfluorooctanoate on high fat diet induced non-alcoholic fatty liver disease in mice. Toxicology, 2019, 416, 1-14.	4.2	37
79	Effects of trichloroethylene and its metabolites on rodent hepatocyte intercellular communication. Toxicology and Applied Pharmacology, 1989, 99, 454-465.	2.8	36
80	Vitamin E Modulation of Hepatic Focal Lesion Growth in Mice1. Toxicology and Applied Pharmacology, 1997, 143, 380-387.	2.8	36
81	Autophagy plays a protective role in Mn-induced toxicity in PC12 cells. Toxicology, 2018, 394, 45-53.	4.2	36
82	A comparison of the lung adenoma response in strain A/J mice after intraperitoneal and oral administration of carcinogens. Toxicology and Applied Pharmacology, 1984, 72, 313-323.	2.8	35
83	Cytotoxicity of halogenated alkanes in primary cultures of rat hepatocytes from normal, partial hepatectomized, and preneoplastic/neoplastic liver. Toxicology and Applied Pharmacology, 1985, 80, 274-283.	2.8	35
84	Effect of dietary antioxidants on dieldrin-induced hepatotoxicity in mice. Toxicology Letters, 1995, 75, 177-183.	0.8	34
85	The Effect of Tea Consumption on Oxidative Stress in Smokers and Nonsmokers. Experimental Biology and Medicine, 1999, 220, 249-254.	2.4	34
86	Hepatic Effects of 2-Butoxyethanol in Rodents. Toxicological Sciences, 2002, 70, 252-260.	3.1	34
87	Selective resistance to cytotoxic agents in hepatocytes isolated from partially hepatectomized and neoplastic mouse liver. Cancer Letters, 1985, 26, 295-301.	7.2	33
88	Inhibition of WY-14,643 induced hepatic lesion growth in mice by rotenone. Carcinogenesis, 1997, 18, 1511-1519.	2.8	32
89	The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling. Carcinogenesis, 2015, 36, S38-S60.	2.8	32
90	Phenobarbital promotion in diethylnitrosamine-initiated infant B6C3F1 mice: influence of gender. Carcinogenesis, 1989, 10, 609-612.	2.8	31

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91	A Multiple-Site Laboratory Evaluation of Three On-Site Urinalysis Drug-Testing Devices. <i>Journal of Analytical Toxicology</i> , 1998, 22, 493-502.	2.8	31
92	Comparative in Vivo Hepatic Effects of Di-Isononyl Phthalate (DINP) and Related C7-C11 Dialkyl Phthalates on Gap Junctional Intercellular Communication (GJIC), Peroxisomal Beta-Oxidation (PBOX), and DNA Synthesis in Rat and Mouse Liver. <i>Toxicological Sciences</i> , 2000, 54, 312-321.	3.1	31
93	Mechanisms of 2-Butoxyethanol-Induced Hemangiosarcomas. <i>Toxicological Sciences</i> , 2006, 92, 378-386.	3.1	31
94	Evaluating Uncertainty to Strengthen Epidemiologic Data for Use in Human Health Risk Assessments. <i>Environmental Health Perspectives</i> , 2014, 122, 1160-1165.	6.0	31
95	Modification of gap junctional intercellular communication by changes in extracellular pH in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 1990, 11, 909-913.	2.8	30
96	Morphological Transformation by 8-Hydroxy-2'-deoxyguanosine in Syrian Hamster Embryo (SHE) Cells. <i>Toxicological Sciences</i> , 2000, 56, 303-312.	3.1	30
97	Investigation of the mechanism of triclosan induced mouse liver tumors. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 137-147.	2.7	30
98	Amiodarone- and desethylamiodarone-induced myelinoid inclusion bodies and toxicity cultured rat hepatocytes. <i>Hepatology</i> , 1990, 11, 81-92.	7.3	29
99	Acrylonitrile-induced morphological transformation in Syrian hamster embryo cells. <i>Carcinogenesis</i> , 2000, 21, 727-733.	2.8	29
100	Acrylonitrile-induced oxidative DNA damage in rat astrocytes. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 631-638.	2.2	29
101	Indicators of oxidative stress and apoptosis in mouse whole lung and Clara cells following exposure to styrene and its metabolites. <i>Toxicology</i> , 2009, 264, 171-178.	4.2	29
102	Oxidative Stress in Chronic Liver Disease: Relationship Between Peripheral and Hepatic Measurements. <i>American Journal of the Medical Sciences</i> , 2011, 342, 314-317.	1.1	29
103	Comparison of glucocorticoid-mediated changes in the expression and function of rat hepatocyte gap junctional proteins. <i>Carcinogenesis</i> , 1994, 15, 1753-1757.	2.8	28
104	Modeling of xenobiotic transport and metabolism in virtual hepatic lobule models. <i>PLoS ONE</i> , 2018, 13, e0198060.	2.5	28
105	Gamma glutamyl transpeptidase in safrole-induced, presumptive premalignant mouse hepatocytes. <i>Carcinogenesis</i> , 1980, 1, 151-156.	2.8	27
106	CANCER BIOLOGY: Reversibility of promoter induced hepatic focal lesion growth in mice. <i>Carcinogenesis</i> , 1996, 17, 1403-1409.	2.8	27
107	Biological relevance of decamethylcyclopentasiloxane (D5) induced rat uterine endometrial adenocarcinoma tumorigenesis: Mode of action and relevance to humans. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 74, S44-S56.	2.7	27
108	The effect of acrylonitrile on gap junctional intercellular communication in rat astrocytes. <i>Cell Biology and Toxicology</i> , 1999, 15, 173-183.	5.3	26

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109	Dose-Response Relationship of Diethylnitrosamine-Initiated Tumors in Neonatal Balb/c Mice: Effect of Phenobarbital Promotion. <i>Toxicologic Pathology</i> , 1988, 16, 381-385.	1.8	25
110	Role of cyclic AMP in the inhibition of mouse hepatocyte intercellular communication by liver tumor promoters. <i>Toxicology and Applied Pharmacology</i> , 1987, 91, 159-170.	2.8	24
111	Assessment of Possible Carcinogenicity of Oxyfluorfen to Humans Using Mode of Action Analysis of Rodent Liver Effects. <i>Toxicological Sciences</i> , 2012, 128, 334-345.	3.1	24
112	Icariin protects rotenone-induced neurotoxicity through induction of SIRT3. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114639.	2.8	24
113	Induction of Oxidative Stress in Rat Brain by Acrylonitrile (ACN). <i>Toxicological Sciences</i> , 1998, 46, 333-341.	3.1	24
114	Mechanisms for the Induction of Oxidative Stress in Syrian Hamster Embryo Cells by Acrylonitrile. <i>Toxicological Sciences</i> , 2002, 67, 247-255.	3.1	23
115	Effects of 2-butoxyethanol on hepatic oxidative damage. <i>Toxicology Letters</i> , 2002, 126, 19-29.	0.8	22
116	Mode of action of butoxyethanol-induced mouse liver hemangiosarcomas and hepatocellular carcinomas. <i>Toxicology Letters</i> , 2005, 156, 107-115.	0.8	22
117	Role of xenobiotics in the induction and progression of fatty liver disease. <i>Toxicology Research</i> , 2018, 7, 664-680.	2.1	22
118	Biological relevance of effects following chronic administration of octamethylcyclotetrasiloxane (D4) in Fischer 344 rats. <i>Toxicology Letters</i> , 2017, 279, 42-53.	0.8	21
119	Effect of the age of B6C3F1 mice on phenobarbital promotion of diethylnitrosamine-initiated liver tumors. <i>Toxicology and Applied Pharmacology</i> , 1987, 90, 79-85.	2.8	19
120	Mechanisms of 2-Butoxyethanol Carcinogenicity: Studies on Syrian Hamster Embryo (SHE) Cell Transformation. <i>Toxicological Sciences</i> , 2002, 68, 43-50.	3.1	19
121	Cancer dose-response assessment for acrylonitrile based upon rodent brain tumor incidence: Use of epidemiologic, mechanistic, and pharmacokinetic support for nonlinearity. <i>Regulatory Toxicology and Pharmacology</i> , 2005, 43, 85-103.	2.7	19
122	Effect of oral methyl-t-butyl ether (MTBE) on the male mouse reproductive tract and oxidative stress in liver. <i>Reproductive Toxicology</i> , 2008, 26, 246-253.	2.9	19
123	Effect of Different Obesogenic Diets on Pancreatic Histology in Ossabaw Miniature Swine. <i>Pancreas</i> , 2011, 40, 438-443.	1.1	19
124	A toxicogenomic approach for the risk assessment of the food contaminant acetamide. <i>Toxicology and Applied Pharmacology</i> , 2020, 388, 114872.	2.8	18
125	In vitro transformation of rat esophageal epithelial cells with N-nitrosobenzylmethylamine. <i>Carcinogenesis</i> , 1982, 3, 629-634.	2.8	17
126	Metabolism and DNA binding of 2,6-dinitrotoluene in Fischer-344 rats and AJ mice. <i>Toxicology and Applied Pharmacology</i> , 1986, 82, 53-61.	2.8	17



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127	Species Differences in the Induction of Hepatocellular DNA Synthesis by Diethanolamine. <i>Toxicological Sciences</i> , 2005, 87, 328-336.	3.1	17
128	Comparison of the effects of acute and subacute treatment of phenobarbital in different strains of mice. <i>Cancer Letters</i> , 1989, 48, 43-51.	7.2	16
129	Effect of Oxidative Stress on DNA Damage and beta-Amyloid Precursor Proteins in Lymphoblastoid Cell Lines from a Nigerian Population. <i>Annals of the New York Academy of Sciences</i> , 1999, 893, 331-336.	3.8	16
130	Mechanistic Investigation of Toxaphene Induced Mouse Liver Tumors. <i>Toxicological Sciences</i> , 2015, 147, 549-561.	3.1	16
131	<i>Caenorhabditis elegans</i> neuron degeneration and mitochondrial suppression caused by selected environmental chemicals. <i>International Journal of Biochemistry and Molecular Biology</i> , 2013, 4, 191-200.	0.1	16
132	Endothelial dysfunction in pathological processes of chronic liver disease during aging. <i>FASEB Journal</i> , 2022, 36, e22125.	0.5	16
133	Morphological Transformation and Oxidative Stress Induced by Cyanide in Syrian Hamster Embryo (SHE) Cells. <i>Toxicological Sciences</i> , 2002, 68, 437-443.	3.1	15
134	Contribution of Environment and Genetics to Pancreatic Cancer Susceptibility. <i>PLoS ONE</i> , 2014, 9, e90052.	2.5	15
135	Carcinogen Induced Unscheduled DNA Synthesis in Mouse Hepatocytes. <i>Toxicologic Pathology</i> , 1984, 12, 119-125.	1.8	14
136	Transforming Growth Factor- $\beta$ in Carcinogen- Induced F344 Rat Hepatic Foci. <i>Toxicology and Applied Pharmacology</i> , 1996, 140, 131-145.	2.8	14
137	Streptozotocin-induced diabetes increases $\alpha$ -glutamyltranspeptidase activity but not expression in rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 1998, 12, 219-225.	3.0	14
138	Comparative Effects of Dieldrin on Hepatic Ploidy, Cell Proliferation, and Apoptosis in Rodent Liver. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2001, 62, 127-141.	2.3	14
139	Tumor-localizing and photosensitizing properties of hematoporphyrin derivative in hamster buccal pouch carcinoma. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1986, 61, 368-372.	0.6	13
140	Toxaphene-induced mouse liver tumorigenesis is mediated by the constitutive androstane receptor. <i>Journal of Applied Toxicology</i> , 2017, 37, 967-975.	2.8	13
141	Cytotoxic interactions of cardioactive cationic amphiphilic compounds in primary rat hepatocytes in culture. <i>Hepatology</i> , 1990, 12, 48-58.	7.3	12
142	Liver tumor promoting ability of corn oil gavage in B6C3F1 male mice. <i>Cancer Letters</i> , 1990, 50, 215-219.	7.2	12
143	Oxidative status in neuroblastoma: a source of stress?. <i>Journal of Pediatric Surgery</i> , 2008, 43, 330-334.	1.6	12
144	Kupffer cells participate in 2-butoxyethanol-induced liver hemangiosarcomas. <i>Toxicology</i> , 2010, 270, 131-136.	4.2	12

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145	Re: Waalkes et al.: Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human-relevant doses, Arch Toxicol, 2014. Archives of Toxicology, 2014, 88, 2061-2062.	4.2	12
146	Development of a cytokine-producing immortalized murine Kupffer cell line. Cytokine, 2014, 70, 165-172.	3.2	12
147	Thyrotropin-releasing hormone (protirelin) inhibits potassium-stimulated glutamate and aspartate release from hippocampal slices in vitro. Brain Research, 2005, 1054, 45-54.	2.2	11
148	Isolation and characterization of metastatic sublines from a murine transitional cell bladder carcinoma. Clinical and Experimental Metastasis, 1986, 4, 1-11.	3.3	10
149	Reactivity and toxicity of atracurium and its metabolites in vitro. Canadian Journal of Anaesthesia, 1989, 36, 262-268.	1.6	10
150	Interaction of ketosis and liver regeneration in the rat. Journal of Surgical Research, 1989, 47, 427-432.	1.6	10
151	Protective effects of antioxidants on acrylonitrile-induced oxidative stress in female F344 rats. Environmental Toxicology, 2016, 31, 1808-1818.	4.0	10
152	A simple automated method for continuous fieldwise measurement of microvascular hemodynamics. Microvascular Research, 2019, 123, 7-13.	2.5	10
153	Constitutive androstane receptor (CAR) mediates dieldrin-induced liver tumorigenesis in mouse. Archives of Toxicology, 2020, 94, 2873-2884.	4.2	10
154	Whither the impending european regulation of presumed endocrine disruptors?. Regulatory Toxicology and Pharmacology, 2016, 82, A1-A2.	2.7	9
155	A computational model of liver tissue damage and repair. PLoS ONE, 2020, 15, e0243451.	2.5	9
156	Assessment of Gap Junctional Intercellular Communication. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ], 2009, 41, Unit2.17.	1.1	8
157	Depletion of Kupffer cells modulates ethanol-induced hepatocyte DNA synthesis in C57Bl/6 mice. Environmental Toxicology, 2014, 29, 867-875.	4.0	8
158	Cryopreservation of human blood for alkaline and Fpg-modified comet assay. Toxicology Mechanisms and Methods, 2016, 26, 196-201.	2.7	8
159	Pharmacokinetics and toxicity of the novel oral demethylating agent zebularine in laboratory and tumor bearing dogs. Veterinary and Comparative Oncology, 2017, 15, 226-236.	1.8	8
160	Effect of endurance exercise training on liver gene expression in male and female mice. Applied Physiology, Nutrition and Metabolism, 2021, 46, 356-367.	1.9	8
161	Lack of promoting effect of clonazepam on the development of N-nitrosodiethylamine-initiated hepatocellular tumors in mice is correlated with its inability to inhibit cell-to-cell communication in mouse hepatocytes. Carcinogenesis, 1989, 10, 1719-1724.	2.8	7
162	Upholding science in health, safety and environmental risk assessments and regulations. Toxicology, 2016, 371, 12-16.	4.2	7

#	ARTICLE	IF	CITATIONS
163	Response to Druwe and Burgoon. Archives of Toxicology, 2016, 90, 3129-3130.	4.2	7
164	The Effects of Green Tea Extract on Working Memory in Healthy Women. Journal of Nutrition, Health and Aging, 2018, 22, 446-450.	3.3	7
165	Mitochondrial depolarization and repolarization in the early stages of acetaminophen hepatotoxicity in mice. Toxicology, 2020, 439, 152464.	4.2	7
166	A Collaborative Initiative to Establish Genomic Biomarkers for Assessing Tumorigenic Potential to Reduce Reliance on Conventional Rodent Carcinogenicity Studies. Toxicological Sciences, 2022, 188, 4-16.	3.1	7
167	Response to the Waalkes et al., Letter to the editor concerning our "letter to the editor, Re: Lung tumors in mice induced by "whole-life" inorganic arsenic exposure at human relevant doses, Waalkes et al., Arch Toxicol, 2014" Archives of Toxicology, 2015, 89, 2167-2168.	4.2	6
168	Spatial Temporal Analysis of Fieldwise Flow in Microvasculature. Journal of Visualized Experiments, 2019, , .	0.3	6
169	Vancomycin Assay Performance in Patients with End-Stage Renal Disease Receiving Hemodialysis. Pharmacotherapy, 2000, 20, 653-656.	2.6	5
170	Effect of polyhexamethylene biguanide on rat liver. Toxicology Letters, 2018, 285, 94-103.	0.8	5
171	Mechanisms of hepatic cancer by persistent organic pollutants. Current Opinion in Toxicology, 2020, 19, 105-111.	5.0	5
172	Mechanism of 1,3-Dichloropropene-Induced Rat Liver Carcinogenesis. Toxicological Sciences, 2015, 143, 6-15.	3.1	4
173	The Effects of Ecstasy (MDMA) on Rat Liver Bioenergetics. Academic Emergency Medicine, 2004, 11, 723-729.	1.8	3
174	Cancer Biology and Hormesis: Commentary. Critical Reviews in Toxicology, 2005, 35, 593-594.	3.9	3
175	Carcinogenesis. , 2020, , 97-110.		3
176	The Effects of Ecstasy (MDMA) on Rat Liver Bioenergetics. Academic Emergency Medicine, 2004, 11, 723-729.	1.8	3
177	Induction of endogenous retroelements as a potential mechanism for mouse-specific drug-induced carcinogenicity. PLoS ONE, 2017, 12, e0176768.	2.5	3
178	Interplay between MMP-8 and TGF- $\beta$ 1 and its role in regulation of epithelial to mesenchymal transition in hepatocellular carcinoma. Translational Cancer Research, 2016, 5, S1135-S1138.	1.0	3
179	Biotransformation of 2,4,6-tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TBP-TAZ) can contribute to high levels of 2,4,6-tribromophenol (2,4,6-TBP) in humans. Environment International, 2022, 158, 106943.	10.0	3
180	Children's Inter-Individual Variability and Asthma Development. International Journal of Health Sciences, 2015, 9, 456-67.	0.4	3

#	ARTICLE	IF	CITATIONS
181	Formation of benzo(a)pyrene-7,8-dihydrodiol glucuronide is a major pathway of metabolism of benzo(a)pyrene in cell cultures from bluegill fry and brown bullhead. <i>Aquatic Toxicology</i> , 1988, 11, 398.	4.0	2
182	Response to Druwe and Burgoon, 2016 Letter to the Editor in <i>Archives of Toxicology</i> . <i>Archives of Toxicology</i> , 2017, 91, 999-1000.	4.2	2
183	Obfuscating transparency?. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 97, A1-A3.	2.7	2
184	The effect of endurance training on non-alcoholic fatty liver disease in mice. <i>Physiological Reports</i> , 2021, 9, e14926.	1.7	2
185	Morphology of liver tumors in brown bullhead catfish () from the black river in Ohio.. <i>Micron and Microscopica Acta</i> , 1984, 15, 111-112.	0.2	1
186	PPAR $\alpha$ and Effects of TCE. <i>Environmental Health Perspectives</i> , 2007, 115, A14-A15.	6.0	1
187	Ultrastructural changes in transplanted transitional cell carcinoma following treatment with hematoporphyrin derivative (HPD). <i>Micron and Microscopica Acta</i> , 1984, 15, 121-122.	0.2	0
188	Metabolism of 4,4'-methylene-bis(2-chloroaniline) in explant cultures of human and dog bladder and dog liver cell cultures. <i>Toxicology</i> , 1987, 47, 205.	4.2	0
189	Antioxidants, caffeine, and dibutyryl cAMP prevent the inhibition of mouse hepatocyte intercellular communication by liver tumor promoters. <i>Toxicology</i> , 1987, 47, 208.	4.2	0
190	Influence of the time of phenobarbital treatment on liver tumor development in initiated B6C3F1 mice. <i>Toxicology</i> , 1987, 47, 211.	4.2	0
191	Mouse Liver Carcinogenesis: Mechanisms and Relevance. <i>Toxicological Sciences</i> , 1991, 17, 651-665.	3.1	0
192	Remembering Benjamin Franklin Trump. <i>Veterinary Pathology</i> , 2008, 45, 611-612.	1.7	0
193	Obituary. <i>Toxicologic Pathology</i> , 2008, 36, 649-650.	1.8	0
194	Comments on the safety assessment of decamethylcyclopentasiloxane (D5) published in <i>regulatory toxicology and pharmacology</i> , 2017, 83:117-118. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 89, 305-306.	2.7	0
195	Editorial. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 101, A1-A2.	2.7	0
196	Green Tea Consumption Reduces Oxidative DNA Damage and Lipid Peroxidation in Smokers and Non-Smokers. <i>FASEB Journal</i> , 2015, 29, 922.8.	0.5	0
197	A computational model of liver tissue damage and repair. , 2020, 15, e0243451.		0
198	A computational model of liver tissue damage and repair. , 2020, 15, e0243451.		0

#	ARTICLE	IF	CITATIONS
199	A computational model of liver tissue damage and repair. , 2020, 15, e0243451.		0
200	A computational model of liver tissue damage and repair. , 2020, 15, e0243451.		0
201	microRNA-34a modulates the senescence of activated hepatic stellate cells in alcohol-associated liver injury. FASEB Journal, 2022, 36, .	0.5	0