Peter P Fu

List of Publications by Year in Descending Order

256 papers	9,646 citations	48 h-index	86 g-index
263 ext. papers	10,544 ext. citations	4.8 avg, IF	6.09 L-index

#	Paper	IF	Citations
256	Liquorice Extract and 18‐Glycyrrhetinic Acid Protect Against Experimental Pyrrolizidine Alkaloid-Induced Hepatotoxicity in Rats Through Inhibiting Cytochrome P450-Mediated Metabolic Activation.. *Frontiers in Pharmacology*, **2022**, 13, 850859	5.6	1
255	Correlation Investigation between Pyrrole-DNA and Pyrrole-Protein Adducts in Male ICR Mice Exposed to Retrorsine, a Hepatotoxic Pyrrolizidine Alkaloid. *Toxins*, **2022**, 14, 377	4.9	
254	Tu-San-Qi (Gynura japonica): the culprit behind pyrrolizidine alkaloid-induced liver injury in China. *Acta Pharmacologica Sinica*, **2021**, 42, 1212-1222	8	15
253	Novel Insights into Pyrrolizidine Alkaloid Toxicity and Implications for Risk Assessment: Occurrence, Genotoxicity, Toxicokinetics, Risk Assessment-A Workshop Report. *Planta Medica*, **2021**,	3.1	3
252	Blood Pyrrole‐DNA Adducts Define the Early Tumorigenic Risk in Patients with Pyrrolizidine Alkaloid-Induced Liver Injury. *Environmental Science and Technology Letters*, **2021**, 8, 551-557	11	6
251	Developing urinary pyrrole-amino acid adducts as non-invasive biomarkers for identifying pyrrolizidine alkaloids-induced liver injury in human. *Archives of Toxicology*, **2021**, 95, 3191-3204	5.8	1
250	Effects of glutathione and cysteine on pyrrolizidine alkaloid-induced hepatotoxicity and DNA adduct formation in rat primary hepatocytes. *Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis*, **2020**, 38, 109-123	1.6	4
249	1-Formyl-7-hydroxy-6,7-dihydro-5-pyrrolizine (1-CHO-DHP)-Cysteine Conjugates: Metabolic Formation and Binding to Cellular DNA. *Chemical Research in Toxicology*, **2020**, 33, 2139-2146	4	5
248	Pulmonary toxicity is a common phenomenon of toxic pyrrolizidine alkaloids. *Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis*, **2020**, 38, 124-140	1.6	3
247	Quantitation of DNA reactive pyrrolic metabolites of senecionine - A carcinogenic pyrrolizidine alkaloid by LC/MS/MS analysis. *Journal of Food and Drug Analysis*, **2020**, 28, 167-174	7	6
246	Comprehensive investigation and risk study on pyrrolizidine alkaloid contamination in Chinese retail honey. *Environmental Pollution*, **2020**, 267, 115542	9.3	11
245	1-Formyl-7-hydroxy-6,7-dihydro-5 H-pyrrolizine (1-CHO-DHP): A Potential Proximate Carcinogenic Metabolite of Pyrrolizidine Alkaloids. *Chemical Research in Toxicology*, **2019**, 32, 1193-1203	4	6
244	Pyrrole-Hemoglobin Adducts, a More Feasible Potential Biomarker of Pyrrolizidine Alkaloid Exposure. *Chemical Research in Toxicology*, **2019**, 32, 1027-1039	4	23
243	Primary and secondary pyrrolic metabolites of pyrrolizidine alkaloids form DNA adducts in human A549 cells. *Toxicology in Vitro*, **2019**, 54, 286-294	3.6	10
242	Contamination of hepatotoxic pyrrolizidine alkaloids in retail honey in China. *Food Control*, **2018**, 85, 484-494	6.2	23
241	The role of formation of pyrrole-ATP synthase subunit beta adduct in pyrrolizidine alkaloid-induced hepatotoxicity. *Archives of Toxicology*, **2018**, 92, 3403-3414	5.8	20
240	Pyrrolizidine Alkaloid Secondary Pyrrolic Metabolites Construct Multiple Activation Pathways Leading to DNA Adduct Formation and Potential Liver Tumor Initiation. *Chemical Research in Toxicology*, **2018**, 31, 619-628	4	18

239	Pyrrole-protein adducts - A biomarker of pyrrolizidine alkaloid-induced hepatotoxicity. *Journal of Food and Drug Analysis*, **2018**, 26, 965-972	7	37
238	The long persistence of pyrrolizidine alkaloid-derived DNA adducts in vivo: kinetic study following single and multiple exposures in male ICR mice. *Archives of Toxicology*, **2017**, 91, 949-965	5.8	37
237	Photo-co-carcinogenesis of Topically Applied Retinyl Palmitate in SKH-1 Hairless Mice. *Photochemistry and Photobiology*, **2017**, 93, 1096-1114	3.6	2
236	Detection of Pyrrolizidine Alkaloid DNA Adducts in Livers of Cattle Poisoned with Heliotropium europaeum. *Chemical Research in Toxicology*, **2017**, 30, 851-858	4	21
235	7-Glutathione-pyrrole and 7-cysteine-pyrrole are potential carcinogenic metabolites of pyrrolizidine alkaloids. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2017**, 35, 69-83	4.5	19
234	Effects of P25 TiO Nanoparticles on the Free Radical-Scavenging Ability of Antioxidants upon Their Exposure to Simulated Sunlight. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 9893-9901	5.7	6
233	Pyrrolizidine alkaloid-derived DNA adducts are common toxicological biomarkers of pyrrolizidine alkaloid N-oxides. *Journal of Food and Drug Analysis*, **2017**, 25, 984-991	7	16
232	Pyrrolizidine Alkaloids: Metabolic Activation Pathways Leading to Liver Tumor Initiation. *Chemical Research in Toxicology*, **2017**, 30, 81-93	4	53
231	Cytotoxicity of pyrrolizidine alkaloid in human hepatic parenchymal and sinusoidal endothelial cells: Firm evidence for the reactive metabolites mediated pyrrolizidine alkaloid-induced hepatotoxicity. *Chemico-Biological Interactions*, **2016**, 243, 119-26	5	53
230	A novel ultra-performance liquid chromatography hyphenated with quadrupole time of flight mass spectrometry method for rapid estimation of total toxic retronecine-type of pyrrolizidine alkaloids in herbs without requiring corresponding standards. *Food Chemistry*, **2016**, 194, 1320-8	8.5	24
229	7-cysteine-pyrrole conjugate: A new potential DNA reactive metabolite of pyrrolizidine alkaloids. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2016**, 34, 57-76	4.5	26
228	Pyrrolizidine Alkaloid-Protein Adducts: Potential Non-invasive Biomarkers of Pyrrolizidine Alkaloid-Induced Liver Toxicity and Exposure. *Chemical Research in Toxicology*, **2016**, 29, 1282-92	4	33
227	Platinum nanoparticles inhibit antioxidant effects of vitamin C via ascorbate oxidase-mimetic activity. *Journal of Materials Chemistry B*, **2016**, 4, 7895-7901	7.3	21
226	7-N-Acetylcysteine-pyrrole conjugate-A potent DNA reactive metabolite of pyrrolizidine alkaloids. *Journal of Food and Drug Analysis*, **2016**, 24, 682-694	7	11
225	Cytotoxicity of organic surface coating agents used for nanoparticles synthesis and stability. *Toxicology in Vitro*, **2015**, 29, 762-8	3.6	44
224	7-glutathione pyrrole adduct: a potential DNA reactive metabolite of pyrrolizidine alkaloids. *Chemical Research in Toxicology*, **2015**, 28, 615-20	4	40
223	Toxicity of engineered metal oxide nanomaterials mediated by nano-bio-eco-interactions: a review and perspective. *Environmental Science: Nano*, **2015**, 2, 564-582	7.1	84
222	Platinum Nanoparticles: Efficient and Stable Catechol Oxidase Mimetics. *ACS Applied Materials & Interfaces*, **2015**, 7, 19709-17	9.5	75

221	UVA photoirradiation of benzo[a]pyrene metabolites: induction of cytotoxicity, reactive oxygen species, and lipid peroxidation. *Toxicology and Industrial Health*, **2015**, 31, 898-910	1.8	18
220	Synthesis and phototoxicity of isomeric 7,9-diglutathione pyrrole adducts: Formation of reactive oxygen species and induction of lipid peroxidation. *Journal of Food and Drug Analysis*, **2015**, 23, 577-586	7	18
219	Absolute configuration, stability, and interconversion of 6,7-dihydro-7-hydroxy-1-hydroxymethyl-5H-pyrrolizine valine adducts and their phenylthiohydantoin derivatives. *Journal of Food and Drug Analysis*, **2015**, 23, 318-326	7	6
218	Mechanisms of nanotoxicity: generation of reactive oxygen species. *Journal of Food and Drug Analysis*, **2014**, 22, 64-75	7	822
217	Theranostic nanomedicine for cancer detection and treatment. *Journal of Food and Drug Analysis*, **2014**, 22, 3-17	7	116
216	Metabolic activation of pyrrolizidine alkaloids: insights into the structural and enzymatic basis. *Chemical Research in Toxicology*, **2014**, 27, 1030-9	4	104
215	Assessment of Safety and Quality Assurance of Herbal Dietary Supplements **2014**, 151-168		2
214	Metabolic activation of pyrrolizidine alkaloids leading to phototoxicity and photogenotoxicity in human HaCaT keratinocytes. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2014**, 32, 362-84	4.5	11
213	Reaction of dehydropyrrolizidine alkaloids with valine and hemoglobin. *Chemical Research in Toxicology*, **2014**, 27, 1720-31	4	18
212	UVA photoirradiation of nitro-polycyclic aromatic hydrocarbons-induction of reactive oxygen species and formation of lipid peroxides. *International Journal of Environmental Research and Public Health*, **2013**, 10, 1062-84	4.6	12
211	Phototoxicity of herbal plants and herbal products. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2013**, 31, 213-55	4.5	21
210	Genotoxicity of 2-bromo-3Rchloropropiophenone. *Toxicology and Applied Pharmacology*, **2013**, 270, 158-63	4.6	4
209	Pyrrolizidine alkaloid-derived DNA adducts as a common biological biomarker of pyrrolizidine alkaloid-induced tumorigenicity. *Chemical Research in Toxicology*, **2013**, 26, 1384-96	4	70
208	Phototoxicity of zinc oxide nanoparticles in HaCaT keratinocytes-generation of oxidative DNA damage during UVA and visible light irradiation. *Journal of Nanoscience and Nanotechnology*, **2013**, 13, 3880-8	1.3	50
207	Characteristic ion clusters as determinants for the identification of pyrrolizidine alkaloid N-oxides in pyrrolizidine alkaloid-containing natural products using HPLC-MS analysis. *Journal of Mass Spectrometry*, **2012**, 47, 331-7	2.2	35
206	Dual role of selected antioxidants found in dietary supplements: crossover between anti- and pro-oxidant activities in the presence of copper. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 2554-61	5.7	50
205	Phototoxicity of nano titanium dioxides in HaCaT keratinocytes--generation of reactive oxygen species and cell damage. *Toxicology and Applied Pharmacology*, **2012**, 263, 81-8	4.6	180
204	Full structure assignments of pyrrolizidine alkaloid DNA adducts and mechanism of tumor initiation. *Chemical Research in Toxicology*, **2012**, 25, 1985-96	4	47

203	Phototoxicity of kava - formation of reactive oxygen species leading to lipid peroxidation and DNA damage. *The American Journal of Chinese Medicine*, **2012**, 40, 1271-88	6	23
202	Nanoscale ZnO induces cytotoxicity and DNA damage in human cell lines and rat primary neuronal cells. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 2126-35	1.3	50
201	Phototoxicity and environmental transformation of polycyclic aromatic hydrocarbons (PAHs)-light-induced reactive oxygen species, lipid peroxidation, and DNA damage. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2012**, 30, 1-41	4.5	139
200	Langerhans cells facilitate epithelial DNA damage and squamous cell carcinoma. *Science*, **2012**, 335, 104-8	33.3	106
199	Two-year toxicity and carcinogenicity studies of Panax ginseng in Fischer 344 rats and B6C3F1 mice. *The American Journal of Chinese Medicine*, **2011**, 39, 779-88	6	29
198	Photoirradiation of dehydropyrrolizidine alkaloids--formation of reactive oxygen species and induction of lipid peroxidation. *Toxicology Letters*, **2011**, 205, 302-9	4.4	31
197	Photoirradiation of polycyclic aromatic hydrocarbon diones by UVA light leading to lipid peroxidation. *Chemosphere*, **2011**, 85, 83-91	8.4	13
196	Nanogold-based sensing of environmental toxins: excitement and challenges. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2011**, 29, 52-89	4.5	23
195	Hepatotoxicity and tumorigenicity induced by metabolic activation of pyrrolizidine alkaloids in herbs. *Current Drug Metabolism*, **2011**, 12, 823-34	3.5	88
194	Ginkgo biloba extract induces gene expression changes in xenobiotics metabolism and the Myc-centered network. *OMICS A Journal of Integrative Biology*, **2010**, 14, 75-90	3.8	35
193	Gene expression profiling in male B6C3F1 mouse livers exposed to kava identifies--changes in drug metabolizing genes and potential mechanisms linked to kava toxicity. *Food and Chemical Toxicology* , **2010**, 48, 686-96	4.7	27
192	Cytotoxicity and mutagenicity of retinol with ultraviolet A irradiation in mouse lymphoma cells. *Toxicology in Vitro*, **2010**, 24, 439-44	3.6	13
191	High-performance liquid chromatography electrospray ionization tandem mass spectrometry for the detection and quantitation of pyrrolizidine alkaloid-derived DNA adducts in vitro and in vivo. *Chemical Research in Toxicology*, **2010**, 23, 637-52	4	57
190	Gene expression profiling as an initial approach for mechanistic studies of toxicity and tumorigenicity of herbal plants and herbal dietary supplements. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2010**, 28, 60-87	4.5	17
189	Genotoxicity of pyrrolizidine alkaloids. *Journal of Applied Toxicology*, **2010**, 30, 183-96	4.1	111
188	Photoirradiation of azulene and guaiazulene□ormation of reactive oxygen species and induction of lipid peroxidation. *Journal of Photochemistry and Photobiology A: Chemistry*, **2010**, 211, 123-128	4.7	22
187	A new approach for simultaneous screening and quantification of toxic pyrrolizidine alkaloids in some potential pyrrolizidine alkaloid-containing plants by using ultra performance liquid chromatography-tandem quadrupole mass spectrometry. *Analytica Chimica Acta*, **2010**, 681, 33-40	6.6	51
186	Quality assurance and safety of herbal dietary supplements. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2009**, 27, 91-119	4.5	48

185	Light-Induced Toxic Effects of Tamoxifen: A Chemotherapeutic and Chemopreventive Agent. *Journal of Photochemistry and Photobiology A: Chemistry*, **2009**, 201, 50-56	4.7	8
184	Photochemical reaction of 9-nitro-substituted anthracene-like molecules 9-methyl-10-nitroanthracene and 12-methyl-7-nitrobenz[a]anthracene. *Journal of Photochemistry and Photobiology A: Chemistry*, **2009**, 201, 39-44	4.7	9
183	The scavenging of reactive oxygen species and the potential for cell protection by functionalized fullerene materials. *Biomaterials*, **2009**, 30, 611-21	15.6	337
182	Analysis of gene expression changes of drug metabolizing enzymes in the livers of F344 rats following oral treatment with kava extract. *Food and Chemical Toxicology*, **2009**, 47, 433-42	4.7	47
181	Toxicity and environmental risks of nanomaterials: challenges and future needs. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2009**, 27, 1-35	4.5	450
180	Formation of DHP-derived DNA adducts from metabolic activation of the prototype heliotridine-type pyrrolizidine alkaloid, heliotrine. *Toxicology Letters*, **2008**, 178, 77-82	4.4	30
179	UVA photoirradiation of oxygenated benz[a]anthracene and 3-methylcholanthene--generation of singlet oxygen and induction of lipid peroxidation. *International Journal of Environmental Research and Public Health*, **2008**, 5, 26-31	4.6	14
178	Toxicity of kava kava. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2008**, 26, 89-112	4.5	54
177	Inhibition of tumor growth by endohedral metallofullerenol nanoparticles optimized as reactive oxygen species scavenger. *Molecular Pharmacology*, **2008**, 74, 1132-40	4.3	109
176	Identification of five hepatotoxic pyrrolizidine alkaloids in a commonly used traditional Chinese medicinal herb, Herba Senecionis scandentis (Qianliguang). *Rapid Communications in Mass Spectrometry*, **2008**, 22, 591-602	2.2	53
175	Photo-irradiation of Aloe vera by UVA--formation of free radicals, singlet oxygen, superoxide, and induction of lipid peroxidation. *Toxicology Letters*, **2007**, 168, 165-75	4.4	42
174	UVA photoirradiation of methylated benzo[a]pyrene and benzo[e]pyrene leading to induction of lipid peroxidation. *International Journal of Environmental Research and Public Health*, **2007**, 4, 153-7	4.6	5
173	Synthesis and photoirradiation of isomeric ethylchrysenes by UVA light leading to lipid peroxidation. *International Journal of Environmental Research and Public Health*, **2007**, 4, 145-52	4.6	7
172	Photodecomposition of vitamin A and photobiological implications for the skin. *Photochemistry and Photobiology*, **2007**, 83, 409-24	3.6	40
171	Ginkgo biloba leave extract: biological, medicinal, and toxicological effects. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **2007**, 25, 211-44	4.5	198
170	Formation of DHP-derived DNA adducts in vivo from dietary supplements and chinese herbal plant extracts containing carcinogenic pyrrolizidine alkaloids. *Toxicology and Industrial Health*, **2006**, 22, 321-7	1.8	40
169	Photoirradiation of representative polycyclic aromatic hydrocarbons and twelve isomeric methylbenz[a]anthracene with UVA light: formation of lipid peroxidation. *Toxicology and Industrial Health*, **2006**, 22, 147-56	1.8	17
168	Levels of retinyl palmitate and retinol in stratum corneum, epidermis and dermis of SKH-1 mice. *Toxicology and Industrial Health*, **2006**, 22, 103-12	1.8	10

167	Levels of retinyl palmitate and retinol in the stratum corneum, epidermis, and dermis of female SKH-1 mice topically treated with retinyl palmitate. *Toxicology and Industrial Health*, **2006**, 22, 181-91	1.8	14
166	UVA photoirradiation of retinyl palmitate--formation of singlet oxygen and superoxide, and their role in induction of lipid peroxidation. *Toxicology Letters*, **2006**, 163, 30-43	4.4	61
165	Photomutagenicity of anhydroretinol and 5,6-epoxyretinyl palmitate in mouse lymphoma cells. *Chemical Research in Toxicology*, **2006**, 19, 1435-40	4	17
164	Formation of DHP-derived DNA adducts from metabolic activation of the prototype heliotridine-type pyrrolizidine alkaloid, lasiocarpine. *Cancer Letters*, **2006**, 231, 138-45	9.9	42
163	Photoirradiation of polycyclic aromatic hydrocarbons with UVA light - a pathway leading to the generation of reactive oxygen species, lipid peroxidation, and dna damage. *International Journal of Environmental Research and Public Health*, **2006**, 3, 348-54	4.6	61
162	Photoirradiation of retinyl palmitate in ethanol with ultraviolet light--formation of photodecomposition products, reactive oxygen species, and lipid peroxides. *International Journal of Environmental Research and Public Health*, **2006**, 3, 185-90	4.6	21
161	UVA photoirradiation of halogenated-polycyclic aromatic hydrocarbons leading to induction of lipid peroxidation. *International Journal of Environmental Research and Public Health*, **2006**, 3, 191-5	4.6	11
160	High-performance liquid chromatography electrospray ionization tandem mass spectrometry for the detection and quantitation of benzo[a]pyrene-DNA adducts. *Chemical Research in Toxicology*, **2005**, 18, 1306-15	4	88
159	Metabolic activation of the tumorigenic pyrrolizidine alkaloid, monocrotaline, leading to DNA adduct formation in vivo. *Cancer Letters*, **2005**, 226, 27-35	9.9	55
158	Photodecomposition of retinyl palmitate in ethanol by UVA light-formation of photodecomposition products, reactive oxygen species, and lipid peroxides. *Chemical Research in Toxicology*, **2005**, 18, 129-38	4	54
157	Human liver microsomal reduction of pyrrolizidine alkaloid N-oxides to form the corresponding carcinogenic parent alkaloid. *Toxicology Letters*, **2005**, 155, 411-20	4.4	80
156	Photodecomposition and phototoxicity of natural retinoids. *International Journal of Environmental Research and Public Health*, **2005**, 2, 147-55	4.6	40
155	Metabolic activation of the tumorigenic pyrrolizidine alkaloid, retrorsine, leading to DNA adduct formation in vivo. *International Journal of Environmental Research and Public Health*, **2005**, 2, 74-9	4.6	36
154	Photochemical Reaction of 7,12-Dimethylbenz[a]anthracene (DMBA) and Formation of DNA Covalent Adducts. *International Journal of Environmental Research and Public Health*, **2005**, 2, 114-122	4.6	16
153	Photo-induced DNA damage and photocytotoxicity of retinyl palmitate and its photodecomposition products. *Toxicology and Industrial Health*, **2005**, 21, 167-75	1.8	19
152	Photomutagenicity of retinyl palmitate by ultraviolet a irradiation in mouse lymphoma cells. *Toxicological Sciences*, **2005**, 88, 142-9	4.4	26
151	Degradation of benzo[a]pyrene by Mycobacterium vanbaalenii PYR-1. *Applied and Environmental Microbiology*, **2004**, 70, 340-5	4.8	148
150	Metabolic formation of DHP-derived DNA adducts from a representative otonecine type pyrrolizidine alkaloid clivorine and the extract of Ligularia hodgsonnii hook. *Chemical Research in Toxicology*, **2004**, 17, 702-8	4	45

149	Pyrrolizidine alkaloids--genotoxicity, metabolism enzymes, metabolic activation, and mechanisms. *Drug Metabolism Reviews*, **2004**, 36, 1-55	7	426
148	Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F1 mice [Cancer Lett. 193 (2003) 119-125. *Cancer Letters*, **2004**, 207, 119-25	9.9	12
147	Differential mutagenicity of riddelliine in liver endothelial and parenchymal cells of transgenic big blue rats. *Cancer Letters*, **2004**, 215, 151-8	9.9	27
146	Photomutagenicity of 16 polycyclic aromatic hydrocarbons from the US EPA priority pollutant list. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2004**, 557, 99-108	3	230
145	Phototoxicity and DNA damage induced by the cosmetic ingredient chemical azulene in human Jurkat T-cells. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2004**, 562, 143-50	3	33
144	Photomutagenicity of cosmetic ingredient chemicals azulene and guaiazulene. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2003**, 530, 19-26	3.3	40
143	Riddelliine N-oxide is a phytochemical and mammalian metabolite with genotoxic activity that is comparable to the parent pyrrolizidine alkaloid riddelliine. *Toxicology Letters*, **2003**, 145, 239-47	4.4	81
142	Identification of DNA adducts derived from riddelliine, a carcinogenic pyrrolizidine alkaloid. *Chemical Research in Toxicology*, **2003**, 16, 1130-7	4	41
141	Human liver microsomal metabolism and DNA adduct formation of the tumorigenic pyrrolizidine alkaloid, riddelliine. *Chemical Research in Toxicology*, **2003**, 16, 66-73	4	69
140	Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F(1) mice. *Cancer Letters*, **2003**, 193, 119-25	9.9	39
139	Regio- and stereoselective metabolism of 7,12-dimethylbenz[a]anthracene by Mycobacterium vanbaalenii PYR-1. *Applied and Environmental Microbiology*, **2003**, 69, 3924-31	4.8	35
138	In Vitro Metabolism of Dibenzo[a,l]pyrene, 2-Chlorodibenzo [a,l]pyrene and 10-Chlorodibenzo[a,l]pyrene - Effects of Chloro Substitution. *International Journal of Molecular Sciences*, **2002**, 3, 1008-1018	6.3	2
137	Detection of Riddelliine-Derived DNA Adducts in Blood of Rats Fed Riddelliine. *International Journal of Molecular Sciences*, **2002**, 3, 1019-1026	6.3	12
136	Biotransformation of mirtazapine by Cunninghamella elegans. *Drug Metabolism and Disposition*, **2002**, 30, 1274-9	4	34
135	Effects of Histidine on Light-Induced DNA Single-Strand Cleavage by Selected Polycyclic Aromatic Hydrocarbons. *Polycyclic Aromatic Compounds*, **2002**, 22, 451-458	1.3	4
134	Identification of 1-Hydroxypyrene Photoproducts and Study of the Effect of Humic Substances on its Photolysis. *Polycyclic Aromatic Compounds*, **2002**, 22, 459-467	1.3	4
133	Highly sensitive chemiluminescence immunoassay for benzo[a]pyrene-DNA adducts: validation by comparison with other methods, and use in human biomonitoring. *Carcinogenesis*, **2002**, 23, 2043-9	4.6	62
132	UVA Light-Induced DNA Single-Strand Cleavage by Hydroxybenzo[a]pyrenes. *Polycyclic Aromatic Compounds*, **2002**, 22, 861-870	1.3	5

131	Effect of Nitro Orientation on Ras -Protooncogene Mutation in Liver Tumors from 7-Nitrodibenz[a,h]anthracene-Treated Mice. *Polycyclic Aromatic Compounds*, **2002**, 22, 853-859	1.3	2
130	Genotoxic Pyrrolizidine Alkaloids Mechanisms Leading to DNA Adduct Formation and Tumorigenicity. *International Journal of Molecular Sciences*, **2002**, 3, 948-964	6.3	58
129	UVA light-induced DNA cleavage by isomeric methylbenz[a]anthracenes. *Chemical Research in Toxicology*, **2002**, 15, 400-7	4	39
128	Tumorigenicity of chloral hydrate, trichloroacetic acid, trichloroethanol, malondialdehyde, 4-hydroxy-2-nonenal, crotonaldehyde, and acrolein in the B6C3F(1) neonatal mouse. *Cancer Letters*, **2002**, 185, 13-9	9.9	12
127	Effect of Organic Solvents and Biologically Relevant Ions on the Light-Induced DNA Cleavage by Pyrene and Its Amino and Hydroxy Derivatives. *International Journal of Molecular Sciences*, **2002**, 3, 937-947	6.3	13
126	Metabolic activation of the tumorigenic pyrrolizidine alkaloid, riddelliine, leading to DNA adduct formation in vivo. *Chemical Research in Toxicology*, **2001**, 14, 101-9	4	92
125	Development of a (32)P-postlabeling/HPLC method for detection of dehydroretronecine-derived DNA adducts in vivo and in vitro. *Chemical Research in Toxicology*, **2001**, 14, 91-100	4	44
124	Benz[A]Anthracene is a Potent Liver Tumorigen in the Neonatal B6C3F1 Mouse. *Polycyclic Aromatic Compounds*, **2000**, 16, 245-254	1.3	
123	Effect of Dietary Restriction and Age on the Formation of DNA Adducts from the Mouse liver Microsome-Mediated Metabolism of 2-Nitropyrene. *Polycyclic Aromatic Compounds*, **2000**, 16, 151-159	1.3	
122	Metabolic activation capacity of neonatal mice in relation to the neonatal mouse tumorigenicity bioassay. *Drug Metabolism Reviews*, **2000**, 32, 241-66	7	17
121	Nitro-polycyclic aromatic hydrocarbons: A class of genotoxic environmental pollutants. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **1999**, 17, 1-43	4.5	34
120	Tumorigenicity and liver tumor ras-protooncogene mutations in CD-1 mice treated neonatally with 1- and 3-nitrobenzo[a]pyrene and their trans-7,8-dihydrodiol and aminobenzo[a]pyrene metabolites. *Cancer Letters*, **1999**, 137, 137-43	9.9	5
119	Tumorigenicity of nitropolycyclic aromatic hydrocarbons in the neonatal B6C3F1 mouse bioassay and characterization of ras mutations in liver tumors from treated mice. *Cancer Letters*, **1999**, 146, 1-7	9.9	8
118	Halogenated-polycyclic aromatic hydrocarbons: A class of Genotoxic environmental pollutants. *Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews*, **1999**, 17, 71-109	4.5	33
117	Nitroreduction of 4-nitropyrene is primarily responsible for DNA adduct formation in the mammary gland of female CD rats. *Chemical Research in Toxicology*, **1999**, 12, 180-6	4	12
116	Mass spectrometric analysis of 2-deoxyribonucleoside and 2Rdeoxyribonucleotide adducts with aldehydes derived from lipid peroxidation. *Rapid Communications in Mass Spectrometry*, **1998**, 12, 1665-72	2.2	17
115	Molecular characterization of hprt mutations from Chinese hamster ovary cells treated with 1-, 3-, and 6-nitrosobenzo[a]pyrene. *Environmental and Molecular Mutagenesis*, **1998**, 31, 60-9	3.2	
114	Liver tumors induced in B6C3F1 mice by 7-chlorobenz[a]anthracene and 7-bromobenz[a]anthracene contain K-ras protooncogene mutations. *Cancer Letters*, **1998**, 123, 21-5	9.9	20

113	An improved 32P-postlabeling/high-performance liquid chromatography method for the analysis of the malondialdehye-derived 1, N2-propanodeoxyguanosine DNA adduct in animal and human tissues. *Chemical Research in Toxicology*, **1998**, 11, 1032-41	4	31
112	Structure, tumorigenicity, microsomal metabolism, and DNA binding of 7-Nitrodibenz[a,h]anthracene. *Chemical Research in Toxicology*, **1998**, 11, 937-45	4	18
111	A FACILE SYNTHESIS OF 9-HYDROXYBENZO[a]PYRENE. *Organic Preparations and Procedures International*, **1997**, 29, 131-134	1.1	2
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