# Peter P Fu

List of Publications by Year
in descending order

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| 245 | 11,271 | 35864 | 36479 |
|---|---|---|---|
| papers | citations | 50 h-index | 95 g-index |

| 250 | 250 | 250 | 10361 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Formation of DHP-DNA Adducts from Rat Liver Microsomal Metabolism of 1,2-Unsaturated Pyrrolizidine Alkaloid-Containing Plant Extracts and Dietary Supplements. Chemical Research in Toxicology, 2023, 36, 243-250. | 3.4 | 2 |
| 2 | Liquorice Extract and 18Î²-Glycyrrhetinic Acid Protect Against Experimental Pyrrolizidine Alkaloid-Induced Hepatotoxicity in Rats Through Inhibiting Cytochrome P450-Mediated Metabolic Activation. Frontiers in Pharmacology, 2022, 13, 850859. | 3.6 | 6 |
| 3 | Correlation Investigation between Pyrrole-DNA and Pyrrole-Protein Adducts in Male ICR Mice Exposed to Retrorsine, a Hepatotoxic Pyrrolizidine Alkaloid. Toxins, 2022, 14, 377. | 3.4 | 4 |
| 4 | Tu-San-Qi (Gynura japonica): the culprit behind pyrrolizidine alkaloid-induced liver injury in China. Acta Pharmacologica Sinica, 2021, 42, 1212-1222. | 6.1 | 48 |
| 5 | Blood Pyrroleâ€“DNA Adducts Define the Early Tumorigenic Risk in Patients with Pyrrolizidine Alkaloid-Induced Liver Injury. Environmental Science and Technology Letters, 2021, 8, 551-557. | 8.7 | 8 |
| 6 | Developing urinary pyrroleâ€“amino acid adducts as non-invasive biomarkers for identifying pyrrolizidine alkaloids-induced liver injury in human. Archives of Toxicology, 2021, 95, 3191-3204. | 4.3 | 6 |
| 7 | Quantitation of DNA reactive pyrrolic metabolites of senecionine â€“ A carcinogenic pyrrolizidine alkaloid by LC/MS/MS analysis. Journal of Food and Drug Analysis, 2020, 28, 167-174. | 1.9 | 15 |
| 8 | Comprehensive investigation and risk study on pyrrolizidine alkaloid contamination in Chinese retail honey. Environmental Pollution, 2020, 267, 115542. | 7.6 | 29 |
| 9 | 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. | 0.8 | 10 |
| 10 | 1-Formyl-7-hydroxy-6,7-dihydro-5H-pyrrolizine (1-CHOâ€“DHP)â€“Cysteine Conjugates: Metabolic Formation and Binding to Cellular DNA. Chemical Research in Toxicology, 2020, 33, 2139-2146. | 3.4 | 5 |
| 11 | 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. | 0.8 | 15 |
| 12 | 1-Formyl-7-hydroxy-6,7-dihydro-5H-pyrrolizine (1-CHO-DHP): A Potential Proximate Carcinogenic Metabolite of Pyrrolizidine Alkaloids. Chemical Research in Toxicology, 2019, 32, 1193-1203. | 3.4 | 9 |
| 13 | Pyrroleâ€“Hemoglobin Adducts, a More Feasible Potential Biomarker of Pyrrolizidine Alkaloid Exposure. Chemical Research in Toxicology, 2019, 32, 1027-1039. | 3.4 | 30 |
| 14 | Primary and secondary pyrrolic metabolites of pyrrolizidine alkaloids form DNA adducts in human A549 cells. Toxicology in Vitro, 2019, 54, 286-294. | 2.5 | 11 |
| 15 | Contamination of hepatotoxic pyrrolizidine alkaloids in retail honey in China. Food Control, 2018, 85, 484-494. | 5.6 | 38 |
| 16 | The role of formation of pyroleâ€“ATP synthase subunit beta adduct in pyrrolizidine alkaloid-induced hepatotoxicity. Archives of Toxicology, 2018, 92, 3403-3414. | 4.3 | 30 |
| 17 | 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. | 3.4 | 25 |
| 18 | Pyrrole-protein adducts â€“ A biomarker of pyrrolizidine alkaloid-induced hepatotoxicity. Journal of Food and Drug Analysis, 2018, 26, 965-972. | 1.9 | 56 |

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| 19 | 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. | 4.3 | 45 |
| 20 | Photoâ€coâ€carcinogenesis of Topically Applied Retinyl Palmitate in SKHâ€1 Hairless Mice. Photochemistry and Photobiology, 2017, 93, 1096-1114. | 2.6 | 3 |
| 21 | Detection of Pyrrolizidine Alkaloid DNA Adducts in Livers of Cattle Poisoned withHeliotropium europaeum. Chemical Research in Toxicology, 2017, 30, 851-858. | 3.4 | 27 |
| 22 | 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. | 3.0 | 20 |
| 23 | Effects of P25 TiO<sub>2</sub> 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. | 5.3 | 9 |
| 24 | Pyrrolizidine Alkaloids: Metabolic Activation Pathways Leading to Liver Tumor Initiation. Chemical Research in Toxicology, 2017, 30, 81-93. | 3.4 | 76 |
| 25 | Pyrrolizidine Alkaloid-Protein Adducts: Potential Non-invasive Biomarkers of Pyrrolizidine Alkaloid-Induced Liver Toxicity and Exposure. Chemical Research in Toxicology, 2016, 29, 1282-1292. | 3.4 | 39 |
| 26 | Platinum nanoparticles inhibit antioxidant effects of vitamin C via ascorbate oxidase-mimetic activity. Journal of Materials Chemistry B, 2016, 4, 7895-7901. | 5.9 | 37 |
| 27 | 7- N -Acetylcysteine-pyrrole conjugateâ€"A potent DNA reactive metabolite of pyrrolizidine alkaloids. Journal of Food and Drug Analysis, 2016, 24, 682-694. | 1.9 | 14 |
| 28 | 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, 1320-1328. | 8.3 | 28 |
| 29 | 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. | 3.0 | 27 |
| 30 | 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, 119-126. | 4.1 | 64 |
| 31 | 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. | 1.9 | 19 |
| 32 | 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. | 1.9 | 7 |
| 33 | Cytotoxicity of organic surface coating agents used for nanoparticles synthesis and stability. Toxicology in Vitro, 2015, 29, 762-768. | 2.5 | 67 |
| 34 | 7-Glutathione Pyrrole Adduct: A Potential DNA Reactive Metabolite of Pyrrolizidine Alkaloids. Chemical Research in Toxicology, 2015, 28, 615-620. | 3.4 | 50 |
| 35 | Toxicity of engineered metal oxide nanomaterials mediated by nanoâ€"bioâ€"ecoâ€"interactions: a review and perspective. Environmental Science: Nano, 2015, 2, 564-582. | 4.1 | 105 |
| 36 | Platinum Nanoparticles: Efficient and Stable Catechol Oxidase Mimetics. ACS Applied Materials & Interfaces, 2015, 7, 19709-19717. | 8.2 | 101 |

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| 37 | UVA photoirradiation of benzo[a]pyrene metabolites: induction of cytotoxicity, reactive oxygen species, and lipid peroxidation. Toxicology and Industrial Health, 2015, 31, 898-910. | 1.4 | 27 |
| 38 | Assessment of Safety and Quality Assurance of Herbal Dietary Supplements. , 2014, , 151-168. | | 4 |
| 39 | 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, 362-384. | 3.0 | 13 |
| 40 | Reaction of Dehydropyrrolizidine Alkaloids with Valine and Hemoglobin. Chemical Research in Toxicology, 2014, 27, 1720-1731. | 3.4 | 22 |
| 41 | Mechanisms of nanotoxicity: Generation of reactive oxygen species. Journal of Food and Drug Analysis, 2014, 22, 64-75. | 1.9 | 1,112 |
| 42 | Theranostic nanomedicine for cancer detection and treatment. Journal of Food and Drug Analysis, 2014, 22, 3-17. | 1.9 | 142 |
| 43 | UVA Photoirradiation of Nitro-Polycyclic Aromatic Hydrocarbonsâ€"Induction of Reactive Oxygen Species and Formation of Lipid Peroxides â€. International Journal of Environmental Research and Public Health, 2013, 10, 1062-1084. | 2.7 | 20 |
| 44 | Phototoxicity of Herbal Plants and Herbal Products. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2013, 31, 213-255. | 3.0 | 28 |
| 45 | Genotoxicity of 2-bromo-3â€²-chloropropiophenone. Toxicology and Applied Pharmacology, 2013, 270, 158-163. | 2.9 | 5 |
| 46 | Pyrrolizidine Alkaloid-Derived DNA Adducts as a Common Biological Biomarker of Pyrrolizidine Alkaloid-Induced Tumorigenicity. Chemical Research in Toxicology, 2013, 26, 1384-1396. | 3.4 | 85 |
| 47 | 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, 3880-3888. | 0.9 | 56 |
| 48 | Phototoxicity of Kava â€" Formation of Reactive Oxygen Species Leading to Lipid Peroxidation and DNA Damage. The American Journal of Chinese Medicine, 2012, 40, 1271-1288. | 3.7 | 24 |
| 49 | Nanoscale ZnO Induces Cytotoxicity and DNA Damage in Human Cell Lines and Rat Primary Neuronal Cells. Journal of Nanoscience and Nanotechnology, 2012, 12, 2126-2135. | 0.9 | 55 |
| 50 | Phototoxicity and Environmental Transformation of Polycyclic Aromatic Hydrocarbons (PAHs)â€"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. | 3.0 | 185 |
| 51 | 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, 2554-2561. | 5.3 | 58 |
| 52 | Phototoxicity of nano titanium dioxides in HaCaT keratinocytesâ€"Generation of reactive oxygen species and cell damage. Toxicology and Applied Pharmacology, 2012, 263, 81-88. | 2.9 | 212 |
| 53 | Full Structure Assignments of Pyrrolizidine Alkaloid DNA Adducts and Mechanism of Tumor Initiation. Chemical Research in Toxicology, 2012, 25, 1985-1996. | 3.4 | 53 |
| 54 | Characteristic ion clusters as determinants for the identification of pyrrolizidine alkaloidNâ€oxides in pyrrolizidine alkaloidâ€"containing natural products using HPLCâ€"MS analysis. Journal of Mass Spectrometry, 2012, 47, 331-337. | 1.7 | 45 |

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| 55 | 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. | 3.0 | 25 |
| 56 | Two-Year Toxicity and Carcinogenicity Studies of Panax ginseng in Fischer 344 Rats and B6C3F1 Mice. The American Journal of Chinese Medicine, 2011, 39, 779-788. | 3.7 | 31 |
| 57 | Photoirradiation of dehydropyrrolizidine alkaloidsâ€"Formation of reactive oxygen species and induction of lipid peroxidation. Toxicology Letters, 2011, 205, 302-309. | 1.3 | 37 |
| 58 | Photoirradiation of polycyclic aromatic hydrocarbon diones by UVA light leading to lipid peroxidation. Chemosphere, 2011, 85, 83-91. | 8.3 | 14 |
| 59 | Hepatotoxicity and Tumorigenicity Induced by Metabolic Activation of Pyrrolizidine Alkaloids in Herbs. Current Drug Metabolism, 2011, 12, 823-834. | 1.3 | 101 |
| 60 | Genotoxicity of pyrrolizidine alkaloids. Journal of Applied Toxicology, 2010, 30, 183-196. | 2.9 | 168 |
| 61 | Photoirradiation of azulene and guaiazuleneâ€"Formation of reactive oxygen species and induction of lipid peroxidation. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 211, 123-128. | 3.9 | 29 |
| 62 | A new approach for simultaneous screening and quantification of toxic pyrrolizidine alkaloids in some potential pyrrolizidine alkaloid-containing plants by using ultra performance liquid chromatographyâ€"tandem quadrupole mass spectrometry. Analytica Chimica Acta, 2010, 681, 33-40. | 5.5 | 60 |
| 63 | 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. | 2.0 | 43 |
| 64 | Cytotoxicity and mutagenicity of retinol with ultraviolet A irradiation in mouse lymphoma cells. Toxicology in Vitro, 2010, 24, 439-444. | 2.5 | 15 |
| 65 | 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, 637-652. | 3.4 | 65 |
| 66 | 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. | 3.0 | 21 |
| 67 | 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. | 3.0 | 56 |
| 68 | Light-induced toxic effects of tamoxifen: A chemotherapeutic and chemopreventive agent. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 201, 50-56. | 3.9 | 12 |
| 69 | 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. | 3.9 | 12 |
| 70 | The scavenging of reactive oxygen species and the potential for cell protection by functionalized fullerene materials. Biomaterials, 2009, 30, 611-621. | 11.7 | 395 |
| 71 | 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. | 3.0 | 639 |
| 72 | 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. | 1.5 | 59 |

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| 73 | Formation of DHP-derived DNA adducts from metabolic activation of the prototype heliotridine-type pyrrolizidine alkaloid, heliotrine. Toxicology Letters, 2008, 178, 77-82. | 1.3 | 36 |
| 74 | 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. | 2.7 | 15 |
| 75 | Toxicity of Kava Kava. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2008, 26, 89-112. | 3.0 | 71 |
| 76 | Inhibition of Tumor Growth by Endohedral Metallofullerenol Nanoparticles Optimized as Reactive Oxygen Species Scavenger. Molecular Pharmacology, 2008, 74, 1132-1140. | 2.3 | 118 |
| 77 | Ginkgo BilobaLeave Extract: Biological, Medicinal, and Toxicological Effects. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2007, 25, 211-244. | 3.0 | 247 |
| 78 | Photo-irradiation of Aloe vera by UVAâ€"Formation of free radicals, singlet oxygen, superoxide, and induction of lipid peroxidationâ˜†. Toxicology Letters, 2007, 168, 165-175. | 1.3 | 51 |
| 79 | 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, 153-157. | 2.7 | 6 |
| 80 | Synthesis and Photoirradiation of Isomeric Ethylchrysenes by UVA Light Leading to Lipid Peroxidation. International Journal of Environmental Research and Public Health, 2007, 4, 145-152. | 2.7 | 7 |
| 81 | Photodecomposition of Vitamin A and Photobiological Implications for the Skinâ€. Photochemistry and Photobiology, 2007, 83, 409-424. | 2.6 | 50 |
| 82 | UVA photoirradiation of retinyl palmitateâ€"Formation of singlet oxygen and superoxide, and their role in induction of lipid peroxidation. Toxicology Letters, 2006, 163, 30-43. | 1.3 | 70 |
| 83 | Photomutagenicity of Anhydroretinol and 5,6-Epoxyretinyl Palmitate in Mouse Lymphoma Cells. Chemical Research in Toxicology, 2006, 19, 1435-1440. | 3.4 | 20 |
| 84 | Formation of DHP-derived DNA adducts from metabolic activation of the prototype heliotridine-type pyrrolizidine alkaloid, lasiocarpine. Cancer Letters, 2006, 231, 138-145. | 7.3 | 48 |
| 85 | Photoirradiation of Polycyclic Aromatic Hydrocarbons with UVA Light â€“ 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, 348-354. | 2.7 | 75 |
| 86 | 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, 185-190. | 2.7 | 25 |
| 87 | UVA Photoirradiation of Halogenated-Polycyclic Aromatic Hydrocarbons Leading to Induction of Lipid Peroxidation. International Journal of Environmental Research and Public Health, 2006, 3, 191-195. | 2.7 | 12 |
| 88 | 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, 321-327. | 1.4 | 42 |
| 89 | 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, 147-156. | 1.4 | 19 |
| 90 | Levels of retinyl palmitate and retinol in stratum corneum, epidermis and dermis of SKH-1 mice. Toxicology and Industrial Health, 2006, 22, 103-112. | 1.4 | 11 |

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|---|---|---|---|
| 91 | 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, 181-191. | 1.4 | 16 |
| 92 | Photodecomposition and Phototoxicity of Natural Retinoids. International Journal of Environmental Research and Public Health, 2005, 2, 147-155. | 2.7 | 59 |
| 93 | 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, 74-79. | 2.7 | 42 |
| 94 | Photo-induced DNA damage and photocytotoxicity of retinyl palmitate and its photodecomposition products. Toxicology and Industrial Health, 2005, 21, 167-175. | 1.4 | 27 |
| 95 | Photomutagenicity of Retinyl Palmitate by Ultraviolet A Irradiation in Mouse Lymphoma Cells. Toxicological Sciences, 2005, 88, 142-149. | 3.1 | 30 |
| 96 | High-Performance Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry for the Detection and Quantitation of Benzo[a]pyreneâ^'DNA Adducts. Chemical Research in Toxicology, 2005, 18, 1306-1315. | 3.4 | 101 |
| 97 | Metabolic activation of the tumorigenic pyrrolizidine alkaloid, monocrotaline, leading to DNA adduct formation in vivo. Cancer Letters, 2005, 226, 27-35. | 7.3 | 63 |
| 98 | Photodecomposition of Retinyl Palmitate in Ethanol by UVA LightFormation of Photodecomposition Products, Reactive Oxygen Species, and Lipid Peroxidesâ€. Chemical Research in Toxicology, 2005, 18, 129-138. | 3.4 | 59 |
| 99 | Human liver microsomal reduction of pyrrolizidine alkaloid N-oxides to form the corresponding carcinogenic parent alkaloid. Toxicology Letters, 2005, 155, 411-420. | 1.3 | 89 |
| 100 | Degradation of Benzo[ a ]pyrene by Mycobacterium vanbaalenii PYR-1. Applied and Environmental Microbiology, 2004, 70, 340-345. | 3.2 | 182 |
| 101 | Metabolic Formation of DHP-Derived DNA Adducts from a Representative Otonecine Type Pyrrolizidine Alkaloid Clivorine and the Extract ofLigularia hodgsonniiHook. Chemical Research in Toxicology, 2004, 17, 702-708. | 3.4 | 48 |
| 102 | Pyrrolizidine Alkaloidsâ€"Genotoxicity, Metabolism Enzymes, Metabolic Activation, and Mechanisms. Drug Metabolism Reviews, 2004, 36, 1-55. | 3.7 | 520 |
| 103 | Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F1 mice[Cancer Lett. 193 (2003) 119â€"125]. Cancer Letters, 2004, 207, 119-125. | 7.3 | 13 |
| 104 | Differential mutagenicity of riddelliine in liver endothelial and parenchymal cells of transgenic big blue rats. Cancer Letters, 2004, 215, 151-158. | 7.3 | 30 |
| 105 | Photomutagenicity of 16 polycyclic aromatic hydrocarbons from the US EPA priority pollutant list. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 557, 99-108. | 1.8 | 302 |
| 106 | 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, 143-150. | 1.8 | 40 |
| 107 | Photomutagenicity of cosmetic ingredient chemicals azulene and guaiazulene. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 530, 19-26. | 1.0 | 48 |
| 108 | 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, 239-247. | 1.3 | 94 |

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| 109 | Identification of DNA Adducts Derived from Riddelliine, a Carcinogenic Pyrrolizidine Alkaloid. Chemical Research in Toxicology, 2003, 16, 1130-1137. | 3.4 | 46 |
| 110 | Human Liver Microsomal Metabolism and DNA Adduct Formation of the Tumorigenic Pyrrolizidine Alkaloid, Riddelliine. Chemical Research in Toxicology, 2003, 16, 66-73. | 3.4 | 76 |
| 111 | Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F1 mice. Cancer Letters, 2003, 193, 119-125. | 7.3 | 45 |
| 112 | Regio- and Stereoselective Metabolism of 7,12-Dimethylbenz[ a ]anthracene by Mycobacterium vanbaalenii PYR-1. Applied and Environmental Microbiology, 2003, 69, 3924-3931. | 3.2 | 37 |
| 113 | Biotransformation of Mirtazapine byCunninghamella Elegans. Drug Metabolism and Disposition, 2002, 30, 1274-1279. | 3.1 | 41 |
| 114 | Effects of Histidine on Light-Induced DNA Single-Strand Cleavage by Selected Polycyclic Aromatic Hydrocarbons. Polycyclic Aromatic Compounds, 2002, 22, 451-458. | 2.6 | 4 |
| 115 | Identification of 1-Hydroxypyrene Photoproducts and Study of the Effect of Humic Substances on its Photolysis. Polycyclic Aromatic Compounds, 2002, 22, 459-467. | 2.6 | 4 |
| 116 | Highly sensitive chemiluminescence immunoassay for benzo[a]pyrene-DNA adducts: validation by comparison with other methods, and use in human biomonitoring. Carcinogenesis, 2002, 23, 2043-2049. | 2.8 | 72 |
| 117 | UVA Light-Induced DNA Single-Strand Cleavage by Hydroxybenzo[ a ]pyrenes. Polycyclic Aromatic Compounds, 2002, 22, 861-870. | 2.6 | 6 |
| 118 | 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. | 2.6 | 2 |
| 119 | UVA Light-Induced DNA Cleavage by Isomeric Methylbenz[a]anthracenes. Chemical Research in Toxicology, 2002, 15, 400-407. | 3.4 | 44 |
| 120 | Tumorigenicity of chloral hydrate, trichloroacetic acid, trichloroethanol, malondialdehyde, 4-hydroxy-2-nonenal, crotonaldehyde, and acrolein in the B6C3F1 neonatal mouse. Cancer Letters, 2002, 185, 13-19. | 7.3 | 17 |
| 121 | Identification of 1-Hydroxypyrene Photoproducts and Study of the Effect of Humic Substances on its Photolysis. Polycyclic Aromatic Compounds, 2002, 22, 459-467. | 2.6 | 7 |
| 122 | Effects of Histidine on Light-Induced DNA Single-Strand Cleavage by Selected Polycyclic Aromatic Hydrocarbons. Polycyclic Aromatic Compounds, 2002, 22, 451-458. | 2.6 | 4 |
| 123 | Metabolic Activation of the Tumorigenic Pyrrolizidine Alkaloid, Riddelliine, Leading to DNA Adduct Formation in Vivo. Chemical Research in Toxicology, 2001, 14, 101-109. | 3.4 | 105 |
| 124 | Development of a 32P-Postlabeling/HPLC Method for Detection of Dehydroretronecine-Derived DNA Adducts in Vivo and in Vitro. Chemical Research in Toxicology, 2001, 14, 91-100. | 3.4 | 50 |
| 125 | Benz[A]Anthracene is a Potent Liver Tumorigen in the Neonatal B6C3F1Mouse. Polycyclic Aromatic Compounds, 2000, 16, 245-254. | 2.6 | 0 |
| 126 | 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. | 2.6 | 0 |

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| 127 | METABOLIC ACTIVATION CAPACITY OF NEONATAL MICE IN RELATION TO THE NEONATAL MOUSE TUMORIGENICITY BIOASSAY. Drug Metabolism Reviews, 2000, 32, 241-266. | 3.7 | 18 |
| 128 | Nitroâ€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. | 3.0 | 50 |
| 129 | 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, 137-143. | 7.3 | 7 |
| 130 | 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. | 7.3 | 12 |
| 131 | Halogenatedâ€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. | 3.0 | 45 |
| 132 | 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, 180-186. | 3.4 | 13 |
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