

Kuen Yuh Wu

List of Publications by Year in descending order

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122
papers

3,114
citations

168829

31
h-index

232693

48
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127
all docs

127
docs citations

127
times ranked

4560
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous toxicokinetics characterization of acrylamide and its primary metabolites using a novel microdialysis isotope-dilution liquid chromatography mass spectrometry method. <i>Environment International</i> , 2022, 158, 106954.	4.8	4
2	High pesticide inhalation exposure from multiple spraying sources amongst applicators in Eswatini, Southern Africa. <i>Pest Management Science</i> , 2021, 77, 4303-4312.	1.7	7
3	Characterization of primary glutathione conjugates with acrylamide and glycidamide: Toxicokinetic studies in Sprague Dawley rats treated with acrylamide. <i>Chemico-Biological Interactions</i> , 2021, 350, 109701.	1.7	7
4	Incorporating Exposure Measurement Data from Similar Exposure Scenarios to Inform Exposure Modeling Estimates: A Demonstration Using Cluster Analysis and Bayesian Modeling. <i>Annals of Work Exposures and Health</i> , 2021, 65, 96-112.	0.6	3
5	Proteomic analysis of rat kidney under maleic acid treatment by SWATH-MS technology. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8633.	0.7	1
6	Systematic probabilistic risk assessment of pesticide residues in tea leaves. <i>Chemosphere</i> , 2020, 247, 125692.	4.2	23
7	Neuropathology changed by 3- and 6-months low-level PM2.5 inhalation exposure in spontaneously hypertensive rats. <i>Particle and Fibre Toxicology</i> , 2020, 17, 59.	2.8	20
8	Secondhand smoke effects on rhinoconjunctivitis and sleep quality in an adolescent asthma study. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 717-719.	0.5	3
9	Health Risk Assessment of Photoresists Used in an Optoelectronic Semiconductor Factory. <i>Risk Analysis</i> , 2019, 39, 2625-2639.	1.5	15
10	Feasibility of using urinary N7-(2-carbamoyl-2-hydroxyethyl) Guanine as a biomarker for acrylamide exposed workers. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 589-598.	1.8	12
11	Linking sources to early effects by profiling urine metabolome of residents living near oil refineries and coal-fired power plants. <i>Environment International</i> , 2017, 102, 87-96.	4.8	61
12	Prenatal Nonylphenol and Bisphenol A Exposures and Inflammation Are Determinants of Oxidative/Nitrative Stress: A Taiwanese Cohort Study. <i>Environmental Science & Technology</i> , 2017, 51, 6422-6429.	4.6	49
13	Nuclear magnetic resonance- and mass spectrometry-based metabolomics to study maleic acid toxicity from repeated dose exposure in rats. <i>Journal of Applied Toxicology</i> , 2017, 37, 1493-1506.	1.4	13
14	Elevation in and persistence of multiple urinary biomarkers indicative of oxidative DNA stress and inflammation: Toxicological implications of maleic acid consumption using a rat model. <i>PLoS ONE</i> , 2017, 12, e0183675.	1.1	3
15	Metabolic profiling of residents in the vicinity of a petrochemical complex. <i>Science of the Total Environment</i> , 2016, 548-549, 260-269.	3.9	25
16	Pharmacokinetics and bioavailability of oral single-dose maleic acid in biofluids of Sprague-Dawley rats. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 451-457.	1.1	4
17	Concurrent quantification of multiple biomarkers indicative of oxidative stress status using liquid chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2016, 512, 26-35.	1.1	50
18	Probabilistic assessment of aggregate risk for bisphenol A by integrating the currently available environmental data. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 1851-1861.	1.9	3

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37	In vivo formation of N7-guanine DNA adduct by safrole 2-oxi-3-oxide in mice. <i>Toxicology Letters</i> , 2012, 213, 309-315.	0.4	7
38	Analysis of hydroxyethyl valine in hospital sterilization workers. <i>Genomic Medicine, Biomarkers, and Health Sciences</i> , 2012, 4, 38-40.	0.3	0
39	The modifying effect of CYP2E1, GST, and mEH genotypes on the formation of hemoglobin adducts of acrylamide and glycidamide in workers exposed to acrylamide. <i>Toxicology Letters</i> , 2012, 215, 92-99.	0.4	21
40	Robust permutation tests for homogeneity of fingerprint patterns of dioxin congener profiles. <i>Environmetrics</i> , 2012, 23, 285-294.	0.6	4
41	Synthesis and Characterization of Adducts Formed in the Reactions of Safrole 2-oxi-3-oxide with 2-Deoxyadenosine, Adenine, and Calf Thymus DNA. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 792-800.	1.2	7
42	Simultaneous quantitation of urinary cotinine and acrylonitrile-derived mercapturic acids with ultraperformance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2113-2120.	1.9	19
43	Point source identification using a simple permutation test: a case study of elevated PCDD/F levels in ambient air and soil and their relation to the distance to a local municipal solid waste incinerator. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012, 26, 225-233.	1.9	6
44	Exposure reconstruction using a physiologically based toxicokinetic model with cumulative amount of metabolite in urine: a case study of trichloroethylene inhalation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012, 26, 21-31.	1.9	6
45	The Taiwan Birth Panel Study: a prospective cohort study for environmentally-related child health. <i>BMC Research Notes</i> , 2011, 4, 291.	0.6	26
46	Effects of Treatment Intensity in Upper Limb Robot-Assisted Therapy for Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 503-511.	1.4	86
47	Urinary levels of 1-hydroxypyrene in children residing near a coal-fired power plant. <i>Environmental Research</i> , 2011, 111, 1185-1191.	3.7	29
48	Analysis of urinary aristolactams by on-line solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2494-2500.	1.2	5
49	Safrole-2-oxi-3-oxide induces cytotoxic and genotoxic effects in HepG2 cells and in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 726, 234-241.	0.9	23
50	Pulmonary toxicity of inhaled nanoscale and fine zinc oxide particles: Mass and surface area as an exposure metric. <i>Inhalation Toxicology</i> , 2011, 23, 947-956.	0.8	88
51	Comparative analysis of urinary N7-(2-hydroxyethyl)guanine for ethylene oxide- and non-exposed workers. <i>Toxicology Letters</i> , 2011, 202, 237-243.	0.4	11
52	Association of CYP2E1, GST and mEH genetic polymorphisms with urinary acrylamide metabolites in workers exposed to acrylamide. <i>Toxicology Letters</i> , 2011, 203, 118-126.	0.4	20
53	Glycine N-Methyltransferase Affects Urinary 1-Hydroxypyrene and 8-Hydroxy-2-Deoxyguanosine Levels After PAH Exposure. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 812-819.	0.9	11
54	Point source identification using a simple permutation test: a case study of elevated PCDD/F levels in ambient air and soil and their relation to the distance to a local municipal solid waste incinerator. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011, 25, 929-937.	1.9	7

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55	Biological monitoring for occupational acrylamide exposure from acrylamide production workers. <i>International Archives of Occupational and Environmental Health</i> , 2011, 84, 303-313.	1.1	27
56	Analysis of perfluorinated chemicals in umbilical cord blood by ultra-high performance liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 641-646.	1.2	58
57	The application of mass spectrometry in molecular dosimetry: Ethylene oxide as an example. <i>Mass Spectrometry Reviews</i> , 2011, 30, 733-756.	2.8	18
58	Simultaneous analysis of chlorpyrifos and cypermethrin in cord blood plasma by online solid-phase extraction coupled with liquid chromatography- ¹³ C-heated electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1961-1966.	1.2	39
59	Low exposure to melamine increases the risk of urolithiasis in adults. <i>Kidney International</i> , 2011, 80, 746-752.	2.6	67
60	Reduction of cooking oil fume exposure following an engineering intervention in Chinese restaurants. <i>Occupational and Environmental Medicine</i> , 2011, 68, 10-15.	1.3	16
61	GSTM1 Modifies the Effect of Maternal Exposure to Environmental Tobacco Smoke on Neonatal Primitive Reflexes. <i>Nicotine and Tobacco Research</i> , 2011, 13, 1114-1122.	1.4	5
62	Exposure estimation using repeated blood concentration measurements. <i>Stochastic Environmental Research and Risk Assessment</i> , 2010, 24, 445-454.	1.9	8
63	Second-hand smoke and chronic bronchitis in Taiwanese women: a health-care based study. <i>BMC Public Health</i> , 2010, 10, 44.	1.2	26
64	Exposure Assessment of Airborne Acrylamide for Occupationally Exposed Workers by Using an Isotope-Dilution Gas Chromatography Coupled with Mass Spectrometry. <i>Annals of Occupational Hygiene</i> , 2010, 54, 575-83.	1.9	3
65	CYP1A1 Modifies the Effect of Maternal Exposure to Environmental Tobacco Smoke on Child Behavior. <i>Nicotine and Tobacco Research</i> , 2010, 12, 1108-1117.	1.4	21
66	The association of clinical findings and exposure profiles with melamine associated nephrolithiasis. <i>Archives of Disease in Childhood</i> , 2009, 94, 883-887.	1.0	14
67	Uptake of polychlorinated dibenzo- <i>p</i> -dioxins and dibenzofurans in laying ducks. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 799-807.	0.9	10
68	Sampling Strategies for Occupational Exposure Assessment under Generalized Linear Model. <i>Annals of Occupational Hygiene</i> , 2009, 53, 509-21.	1.9	10
69	Correction: Article on Chinese Workers and Exposure to Cooking Oil Fumes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 687-687.	1.1	1
70	Increased aquaglyceroporin 9 expression disrupts arsenic resistance in human lung cancer cells. <i>Toxicology in Vitro</i> , 2009, 23, 209-216.	1.1	20
71	Acrylamide-induced astroglial and apoptotic responses in human astrocytoma cells. <i>Toxicology in Vitro</i> , 2009, 23, 855-861.	1.1	31
72	Exterior exposure estimation using a one-compartment toxicokinetic model with blood sample measurements. <i>Journal of Mathematical Biology</i> , 2008, 56, 611-633.	0.8	0

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73	Rapid and sensitive on-line liquid chromatographic/tandem mass spectrometric determination of an ethylene oxide-DNA adduct, N ⁷ -(2-hydroxyethyl)guanine, in urine of nonsmokers. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 706-710.	0.7	14
74	Effect of gestational smoke exposure on atopic dermatitis in the offspring. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 580-586.	1.1	49
75	CYP1A1 Ile462Val and GSTT1 modify the effect of cord blood cotinine on neurodevelopment at 2 years of age. <i>NeuroToxicology</i> , 2008, 29, 839-845.	1.4	26
76	New Cyclic Peptides from the Seeds of <i>Annona squamosa</i> L. and Their Anti-inflammatory Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 386-392.	2.4	37
77	Effects on Chinese Restaurant Workers of Exposure to Cooking Oil Fumes: A Cautionary Note on Urinary 8-Hydroxy-2-Deoxyguanosine. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 3351-3357.	1.1	89
78	Urinary 1-hydroxypyrene and malondialdehyde in male workers in Chinese restaurants. <i>Occupational and Environmental Medicine</i> , 2008, 65, 732-735.	1.3	44
79	Analysis of urinary N-acetyl-S-(propionamide)-cysteine as a biomarker for the assessment of acrylamide exposure in smokers. <i>Environmental Research</i> , 2007, 104, 346-351.	3.7	25
80	Oxidative DNA Damage Estimated by Plasma 8-hydroxydeoxyguanosine (8-OHdG): Influence of 4,4'-methylenebis(2-chloroaniline) Exposure and Smoking. <i>Journal of Occupational Health</i> , 2007, 49, 389-398.	1.0	40
81	Simultaneous analysis of urinary 4,4'-methylenebis(2-chloroaniline) and N-acetyl 4,4'-methylenebis(2-chloroaniline) using solid-phase extraction and liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 4073-4078.	0.7	8
82	Lifetime cigarette smoke and second-hand smoke and cervical intraepithelial neoplasia: A community-based case-control study. <i>Gynecologic Oncology</i> , 2007, 105, 181-188.	0.6	52
83	Urinary biomarker of oxidative stress correlating with outcome in critically septic patients. <i>Intensive Care Medicine</i> , 2007, 33, 1187-1190.	3.9	11
84	Urinary biomarker of oxidative stress correlating with outcome in critically septic patients. <i>Intensive Care Medicine</i> , 2007, 33, 1468-1472.	3.9	8
85	Associations Between Exposure to Polycyclic Aromatic Hydrocarbons and Temporal Change of Urinary 1-Hydroxypyrene Levels in Taiwanese Coke-Oven Workers. <i>Journal of Occupational and Environmental Medicine</i> , 2006, 48, 930-936.	0.9	19
86	Sperm DNA damage correlates with polycyclic aromatic hydrocarbons biomarker in coke-oven workers. <i>International Archives of Occupational and Environmental Health</i> , 2006, 79, 349-356.	1.1	58
87	The development and regulation of occupational exposure limits in Taiwan. <i>Regulatory Toxicology and Pharmacology</i> , 2006, 46, 142-148.	1.3	8
88	Longicalycin A, a New Cytotoxic Cyclic Peptide from <i>Dianthus superbus</i> var. <i>longicalycinus</i> (MAXIM.) WILL.. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 336-338.	0.6	28
89	Quantification of urinary N-acetyl-S-(propionamide)cysteine using an on-line clean-up system coupled with liquid chromatography/tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005, 40, 511-515.	0.7	23
90	Analysis of N ⁷ -(benzo[a]pyrene-6-yl)guanine in urine using two-step solid-phase extraction and isotope dilution with liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 893-898.	0.7	18

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91	Analysis of 7-methylguanine using isotope dilution and gas chromatography/electron-capture negative chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1915-1920.	0.7	8
92	Reduction of oxidative stress and atherosclerosis in hyperlipidemic rabbits by <i>Dioscorea</i> rhizome. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 423-430.	0.7	27
93	Analysis of Oxidative DNA Damage 8-Hydroxy-2'-deoxyguanosine as a Biomarker of Exposures to Persistent Pollutants for Marine Mammals. <i>Environmental Science & Technology</i> , 2005, 39, 2455-2460.	4.6	39
94	Approaching gas-particle partitioning equilibrium of atmospheric PCDD/Fs with increasing distance from an incinerator: measurements and observations on modeling. <i>Atmospheric Environment</i> , 2004, 38, 1501-1510.	1.9	44
95	A statistical assessment on the stochastic relationship between biomarker concentrations and environmental exposures. <i>Stochastic Environmental Research and Risk Assessment</i> , 2004, 18, 377-385.	1.9	18
96	Comparison of analyses of urinary 8-hydroxy-2'-deoxyguanosine by isotope-dilution liquid chromatography with electrospray tandem mass spectrometry and by enzyme-linked immunosorbent assay. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 505-510.	0.7	113
97	Two-sample scale tests for comparison of metabolic rates for styrene in previously exposed and unexposed groups. <i>Statistics in Medicine</i> , 2004, 23, 591-599.	0.8	1
98	Selective Inhibition of Collagen-Induced Platelet Aggregation by a Cyclic Peptide from <i>Drymaria diandra</i> . <i>Helvetica Chimica Acta</i> , 2004, 87, 57-66.	1.0	14
99	Source Identification of PCDD/Fs for Various Atmospheric Environments in a Highly Industrialized City. <i>Environmental Science & Technology</i> , 2004, 38, 4937-4944.	4.6	117
100	New Cytotoxic Cyclic Peptides and Dianthramide from <i>Dianthus superbus</i> . <i>Journal of Natural Products</i> , 2004, 67, 1522-1527.	1.5	50
101	Formation of N-(2-hydroxyethyl)valine in human hemoglobin: effect of lifestyle factors. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 559, 73-82.	0.9	17
102	Characterization of multiple airborne particulate metals in the surroundings of a municipal waste incinerator in Taiwan. <i>Atmospheric Environment</i> , 2003, 37, 2845-2852.	1.9	64
103	Size distribution of particle-bound polychlorinated dibenzo-p-dioxins and dibenzofurans in the ambient air of a municipal incinerator. <i>Atmospheric Environment</i> , 2003, 37, 4945-4954.	1.9	28
104	Chromium (VI) induced oxidative damage to DNA: increase of urinary 8-hydroxydeoxyguanosine concentrations (8-OHdG) among electroplating workers. <i>Occupational and Environmental Medicine</i> , 2003, 60, 590-594.	1.3	74
105	Setting information priorities for remediation decisions at a contaminated-groundwater site. <i>Chemosphere</i> , 2002, 46, 75-81.	4.2	7
106	Endothelin-Induced Changes of Secondary Messengers in Cultured Corneal Endothelial Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2001, 17, 351-361.	0.6	8
107	Induction of Cellular Toxicity in Cultured Porcine Corneal Keratocytes by Endothelin-1. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2001, 17, 449-460.	0.6	5
108	Effects of drugs on cellular proliferation in cultured iris pigment epithelial cells and retinal pigment epithelial cells. <i>Kaohsiung Journal of Medical Sciences</i> , 2001, 17, 77-83.	0.8	0

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109	Biomarkers of exposure and effect as indicators of potential carcinogenic risk arising from in vivo metabolism of ethylene to ethylene oxide. <i>Carcinogenesis</i> , 2000, 21, 1661-1669.	1.3	67
110	DNA adducts: effects of low exposure to ethylene oxide, vinyl chloride and butadiene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 464, 77-86.	0.9	51
111	Molecular dosimetry of endogenous and ethylene oxide-induced N7-(2-hydroxyethyl) guanine formation in tissues of rodents. <i>Carcinogenesis</i> , 1999, 20, 1787-1792.	1.3	43
112	Toxic Effects of Mitomycin-C on Cultured Corneal Keratocytes and Endothelial Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1999, 15, 401-411.	0.6	51
113	Comparison of ³² P-Postlabeling and High-Resolution GC/MS in Quantifying N7-(2-Hydroxyethyl)guanine Adducts. <i>Chemical Research in Toxicology</i> , 1999, 12, 979-984.	1.7	16
114	A Gas Chromatography/Electron Capture/Negative Chemical Ionization High-Resolution Mass Spectrometry Method for Analysis of Endogenous and Exogenous N7-(2-Hydroxyethyl)guanine in Rodents and Its Potential for Human Biological Monitoring. <i>Chemical Research in Toxicology</i> , 1999, 12, 722-729.	1.7	49
115	Application of Gas Chromatography/Electron Capture Negative Chemical Ionization High-Resolution Mass Spectrometry for Analysis of DNA and Protein Adducts. <i>Chemical Research in Toxicology</i> , 1998, 11, 520-526.	1.7	19
116	Calcium-induced changes on crystallins in organ-cultured porcine lens. <i>Kaohsiung Journal of Medical Sciences</i> , 1998, 14, 569-76.	0.8	0
117	Dexon and nylon-sutured wound reaction in conjunctival flap after trabeculectomy combined with or without topical application of mitomycin-C. <i>Kaohsiung Journal of Medical Sciences</i> , 1998, 14, 644-52.	0.8	1
118	Effects of Pilocarpine and Other Antiglaucoma Drugs on Cultured Human Tenon's Fibroblast Cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1997, 13, 13-21.	0.6	8
119	Effects of antiglaucoma drugs and corticosteroids on the cellular glucose uptake in cultured porcine corneal endothelial cells. <i>Kaohsiung Journal of Medical Sciences</i> , 1997, 13, 480-6.	0.8	0
120	Effects of dopamine antagonists and agonist on cultured human Tenon's fibroblast cells. <i>Kaohsiung Journal of Medical Sciences</i> , 1996, 12, 388-93.	0.8	3
121	Dose-response relationships for carcinogens. <i>Toxicology Letters</i> , 1995, 82-83, 751-756.	0.4	53
122	Ocular refraction and its components among younger children in Kaohsiung: a 4-year longitudinal study. <i>Gaoxiong Yi Xue Ke Xue Za Zhi = the Kaohsiung Journal of Medical Sciences</i> , 1991, 7, 120-5.	0.0	0