Chu-Chih Chen

List of Publications by Year
in descending order

59	933	448610 19	563245 28
papers	citations	h-index	g-index

60	60	60	1654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Longitudinal changes in oxidative stress and early renal injury in children exposed to DEHP and melamine in the 2011 Taiwan food scandal. Environment International, 2022, 158, 107018.	4.8	11
2	Identifying low-PM2.5 exposure commuting routes for cyclists through modeling with the random forest algorithm based on low-cost sensor measurements in three Asian cities. Environmental Pollution, 2022, 294, 118597.	3.7	10
3	Genetic Polymorphisms of MnSOD Modify the Impacts of Environmental Melamine on Oxidative Stress and Early Kidney Injury in Calcium Urolithiasis Patients. Antioxidants, 2022, 11, 152.	2.2	2
4	Avatar-like body imaging of dermal exposure to melamine in factory workers analyzed by ambient mass spectrometry. Chemosphere, 2022, 303, 134896.	4.2	1
5	Projection of future temperature extremes, related mortality, and adaptation due to climate and population changes in Taiwan. Science of the Total Environment, 2021, 760, 143373.	3.9	18
6	Diminishment of Nrf2 Antioxidative Defense Aggravates Nephrotoxicity of Melamine and Oxalate Coexposure. Antioxidants, 2021, 10, 1464.	2.2	6
7	Melamine exposure threshold in early chronic kidney disease patients â€“ A benchmark dose approach. Environment International, 2021, 156, 106652.	4.8	6
8	Estimating monthly PM2.5 concentrations from satellite remote sensing data, meteorological variables, and land use data using ensemble statistical modeling and a random forest approach. Environmental Pollution, 2021, 291, 118159.	3.7	25
9	Melamine and oxalate coexposure induces early kidney tubular injury through mitochondrial aberrations and oxidative stress. Ecotoxicology and Environmental Safety, 2021, 225, 112756.	2.9	8
10	Phthalate exposure and prostate cancer in a population-based nested case-control study. Environmental Research, 2020, 181, 108902.	3.7	46
11	A partial likelihood-based two-dimensional multistate markov model with application to myocardial infarction and stroke recurrence. Sankhya B, 2020, , 1.	0.4	0
12	The sex-specific association of phthalate exposure with DNA methylation and characteristics of body fat in children. Science of the Total Environment, 2020, 737, 139833.	3.9	13
13	A probabilistic approach for benchmark dose of melamine exposure for a marker of early renal dysfunction in patients with calcium urolithiasis. Ecotoxicology and Environmental Safety, 2020, 200, 110741.	2.9	5
14	Effects of Apparent Temperature on the Incidence of Ventricular Tachyarrhythmias in Patients With an Implantable Cardioverterâ€“Defibrillator: Differential Association Between Patients With and Without Electrical Storm. Frontiers in Medicine, 2020, 7, 624343.	1.2	0
15	Benchmark dose calculation for ordered categorical responses with multiple endpoints. Stochastic Environmental Research and Risk Assessment, 2019, 33, 535-543.	1.9	0
16	A benchmark dose study of prenatal exposure to di(2-ethylhexyl) phthalate and behavioral problems in children. International Journal of Hygiene and Environmental Health, 2019, 222, 971-980.	2.1	18
17	Short-term prediction of extremely hot days in summer due to climate change and ENSO and related attributable mortality. Science of the Total Environment, 2019, 661, 10-17.	3.9	6
18	Independent association between subjective cognitive decline and frailty in the elderly. PLoS ONE, 2018, 13, e0201351.	1.1	33

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19	Short-Term Prediction of Extremely Hot Days and Heat-Related Mortality Due to Enso and Climate Change. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
20	Intellectual evaluation of children exposed to phthalate-tainted products after the 2011 Taiwan phthalate episode. Environmental Research, 2017, 156, 158-166.	3.7	38
21	Healthy lifestyle and normal waist circumference are associated with a lower 5-year risk of type 2 diabetes in middle-aged and elderly individuals. Medicine (United States), 2017, 96, e6025.	0.4	5
22	Exposure sources and their relative contributions to urinary phthalate metabolites among children in Taiwan. International Journal of Hygiene and Environmental Health, 2017, 220, 869-879.	2.1	21
23	Cohort Profile: The Healthy Aging Longitudinal Study in Taiwan (HALST). International Journal of Epidemiology, 2017, 46, 1106-1106j.	0.9	26
24	Alterations in cardiovascular function by particulate matter in rats using a crossover design. Environmental Pollution, 2017, 231, 812-820.	3.7	9
25	Phthalate exposure and reproductive hormones and sex-hormone binding globulin before puberty â€“ Phthalate contaminated-foodstuff episode in Taiwan. PLoS ONE, 2017, 12, e0175536.	1.1	29
26	Intake of Phthalate-tainted Foods and Serum Thyroid Hormones in Taiwanese Children and Adolescents. Scientific Reports, 2016, 6, 30589.	1.6	30
27	Effects of high di(2-ethylhexyl) phthalate (DEHP) exposure due to tainted food intake on pre-pubertal growth characteristics in a Taiwanese population. Environmental Research, 2016, 149, 197-205.	3.7	27
28	Association of short-term exposure to fine particulate matter and nitrogen dioxide with acute cardiovascular effects. Science of the Total Environment, 2016, 569-570, 300-305.	3.9	57
29	Exposure Estimation for Risk Assessment of the Phthalate Incident in Taiwan. PLoS ONE, 2016, 11, e0151070.	1.1	10
30	The effects of phthalate and nonylphenol exposure on body size and secondary sexual characteristics during puberty. International Journal of Hygiene and Environmental Health, 2015, 218, 603-615.	2.1	57
31	Longâ€term results of a phase <scp>II</scp> trial with frontline concurrent chemoradiotherapy followed by consolidation chemotherapy for localized nasal natural killer/Tâ€cell lymphoma. European Journal of Haematology, 2015, 94, 130-137.	1.1	29
32	Benchmark Dose Calculation for Ordered Categorical Responses. Risk Analysis, 2014, 34, 1435-1447.	1.5	7
33	Modeling horizontal and vertical variation in intraurban exposure to PM2.5 concentrations and compositions. Environmental Research, 2014, 133, 96-102.	3.7	32
34	Estimation of the Exposure of the UK Population to the Bovine Spongiform Encephalopathy Agent through Dietary Intake During the Period 1980 to 1996. PLoS ONE, 2014, 9, e94020.	1.1	15
35	Genetic structure of Bufo bankorensis distinguished by amplified restriction fragment length polymorphism of cytochrome b. Zoological Studies, 2013, 52, .	0.3	5
36	Consumption of Bovine Spongiform Encephalopathy (BSE) Contaminated Beef and the Risk of Variant Creutzfeldtâ€Jakob Disease. Risk Analysis, 2013, 33, 1958-1968.	1.5	10

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37	The Association of Ambient Air Pollution With Airway Inflammation in Schoolchildren. American Journal of Epidemiology, 2012, 175, 764-774.	1.6	38
38	Spatiotemporal modeling with temporal-invariant variogram subgroups to estimate fine particulate matter PM2.5 concentrations. Atmospheric Environment, 2012, 54, 1-8.	1.9	25
39	Age- and gender-specific population attributable risks of metabolic disorders on all-cause and cardiovascular mortality in Taiwan. BMC Public Health, 2012, 12, 111.	1.2	37
40	Robust permutation tests for homogeneity of fingerprint patterns of dioxin congener profiles. Environmetrics, 2012, 23, 285-294.	0.6	4
41	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. Stochastic Environmental Research and Risk Assessment, 2012, 26, 225-233.	1.9	6
42	Exposure reconstruction using a physiologically based toxicokinetic model with cumulative amount of metabolite in urine: a case study of trichloroethylene inhalation. Stochastic Environmental Research and Risk Assessment, 2012, 26, 21-31.	1.9	6
43	A hierarchical Bayesian approach for risk assessment of melamine in infant formula based on cases of related nephrolithiasis in children. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 384-395.	1.1	12
44	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. Stochastic Environmental Research and Risk Assessment, 2011, 25, 929-937.	1.9	7
45	Biological monitoring for occupational acrylamide exposure from acrylamide production workers. International Archives of Occupational and Environmental Health, 2011, 84, 303-313.	1.1	27
46	Increased Mortality in Diabetics Exposed to Ozone. Epidemiology, 2011, 22, S227.	1.2	0
47	Effects of Ambient Particulate Matter and Fungal Spores on Lung Function in Schoolchildren. Pediatrics, 2011, 127, e690-e698.	1.0	22
48	Exposure estimation using repeated blood concentration measurements. Stochastic Environmental Research and Risk Assessment, 2010, 24, 445-454.	1.9	8
49	Is impaired energy regulation the core of the metabolic syndrome in various ethnic groups of the USA and Taiwan?. BMC Endocrine Disorders, 2010, 10, 11.	0.9	14
50	Sampling Strategies for Occupational Exposure Assessment under Generalized Linear Model. Annals of Occupational Hygiene, 2009, 53, 509-21.	1.9	10
51	Heterogeneity of body mass index, waist circumference, and waist-to-hip ratio in predicting obesity-related metabolic disorders for Taiwanese aged 35â€“64y. Clinical Nutrition, 2009, 28, 543-548.	2.3	70
52	Exterior exposure estimation using a one-compartment toxicokinetic model with blood sample measurements. Journal of Mathematical Biology, 2008, 56, 611-633.	0.8	0
53	Extended rank analysis of covariance adjusting for local correlations. Computational Statistics and Data Analysis, 2008, 52, 1399-1412.	0.7	1
54	A statistical assessment on the stochastic relationship between biomarker concentrations and environmental exposures. Stochastic Environmental Research and Risk Assessment, 2004, 18, 377-385.	1.9	18

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55	Two-sample scale tests for comparison of metabolic rates for styrene in previously exposed and unexposed groups. Statistics in Medicine, 2004, 23, 591-599.	0.8	1
56	Rank estimating equations for random effects models. Statistics and Probability Letters, 2001, 54, 5-12.	0.4	5
57	Extended Rank Analysis of Covariance as a More Efficient Matched Analysis Considering Trend Information. Biometrical Journal, 2001, 43, 895-907.	0.6	2
58	Rank transformations when oovariables are measured with error or mismodelled. Communications in Statistics - Theory and Methods, 1997, 26, 2967-2982.	0.6	1
59	Bayesian Nonparametrics for Compliance to Exposure Standards. Journal of the American Statistical Association, 1993, 88, 1237-1241.	1.8	4