

# Bai-Hsiun Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

1,900  
citations

201575  
27  
h-index

302012  
39  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of EV71 genogroup in Taiwan from 1998 to 2005: An emerging of subgenogroup C4 of EV71. <i>Journal of Medical Virology</i> , 2006, 78, 254-262.	2.5	99
2	The public health threat of phthalate-tainted foodstuffs in Taiwan: The policies the government implemented and the lessons we learned. <i>Environment International</i> , 2012, 44, 75-79.	4.8	85
3	High melamine migration in daily-use melamine-made tableware. <i>Journal of Hazardous Materials</i> , 2011, 188, 350-356.	6.5	76
4	Low exposure to melamine increases the risk of urolithiasis in adults. <i>Kidney International</i> , 2011, 80, 746-752.	2.6	67
5	Intake of phthalate-tainted foods and microalbuminuria in children: The 2011 Taiwan food scandal. <i>Environment International</i> , 2016, 89-90, 129-137.	4.8	62
6	The effects of phthalate and nonylphenol exposure on body size and secondary sexual characteristics during puberty. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 603-615.	2.1	57
7	Quality Assurance and Safety of Herbal Dietary Supplements. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2009, 27, 91-119.	2.9	55
8	Trace elements, oxidative stress and glycemic control in young people with type 1 diabetes mellitus. <i>Journal of Trace Elements in Medicine and Biology</i> , 2014, 28, 18-22.	1.5	55
9	Comparison of Derivatives for Determination of Codeine and Morphine by Gas Chromatography/Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 1990, 14, 12-17.	1.7	52
10	Urinary melamine and adult urolithiasis in Taiwan. <i>Clinica Chimica Acta</i> , 2010, 411, 184-189.	0.5	49
11	Intake of Phthalate-Tainted Foods Alters Thyroid Functions in Taiwanese Children. <i>PLoS ONE</i> , 2013, 8, e55005.	1.1	47
12	Ambient Melamine Exposure and Urinary Biomarkers of Early Renal Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2821-2829.	3.0	47
13	The neoplastic impact of tobacco-free betel quid on the histological type and the anatomical site of aerodigestive tract cancers. <i>International Journal of Cancer</i> , 2012, 131, E733-43.	2.3	44
14	Intellectual evaluation of children exposed to phthalate-tainted products after the 2011 Taiwan phthalate episode. <i>Environmental Research</i> , 2017, 156, 158-166.	3.7	38
15	Interaction of melamine and di-(2-ethylhexyl) phthalate exposure on markers of early renal damage in children: The 2011 Taiwan food scandal. <i>Environmental Pollution</i> , 2018, 235, 453-461.	3.7	38
16	Using ambient mass spectrometry and LC-MS/MS for the rapid detection and identification of multiple illicit street drugs. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 439-450.	0.9	36
17	Evidence of high di(2-ethylhexyl) phthalate (DEHP) exposure due to tainted food intake in Taiwanese pregnant women and the health effects on birth outcomes. <i>Science of the Total Environment</i> , 2018, 618, 635-644.	3.9	35
18	Can melamine levels in 1-spot overnight urine specimens predict the total previous 24-hour melamine excretion level in school children?. <i>Clinica Chimica Acta</i> , 2013, 420, 128-133.	0.5	34

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19	Simultaneous quantification of urine flunitrazepam, nimetazepam and nitrazepam by using liquid chromatography tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2013, 420, 134-139.	0.5	34
20	Effects of Acute Manganese Chloride Exposure on Lipid Peroxidation and Alteration of Trace Metals in Rat Brain. <i>Biological Trace Element Research</i> , 2006, 110, 163-178.	1.9	30
21	Quantification of Blood Betel Quid Alkaloids and Urinary 8-Hydroxydeoxyguanosine in Humans and their Association with Betel Chewing Habits. <i>Journal of Analytical Toxicology</i> , 2010, 34, 325-331.	1.7	30
22	Intake of Phthalate-tainted Foods and Serum Thyroid Hormones in Taiwanese Children and Adolescents. <i>Scientific Reports</i> , 2016, 6, 30589.	1.6	30
23	Rapid identification of pesticides in human oral fluid for emergency management by thermal desorption electrospray ionization/mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 97-104.	0.7	30
24	Simultaneous identification of abused drugs, benzodiazepines, and new psychoactive substances in urine by liquid chromatography tandem mass spectrometry. <i>Kaohsiung Journal of Medical Sciences</i> , 2016, 32, 118-127.	0.8	30
25	Behavioral Intervention and Decreased Daily Melamine Exposure from Melamine Tableware. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9964-9970.	4.6	29
26	Magnesium, zinc, and chromium levels in children, adolescents, and young adults with type 1 diabetes. <i>Clinical Nutrition</i> , 2016, 35, 880-884.	2.3	29
27	Urine specimen validity test for drug abuse testing in workplace and court settings. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 380-384.	0.9	29
28	Determining Cr(III) and Cr(VI) in urine using a flow injection on-line sorption separation system coupled with electrothermal atomic absorption spectrometry and a UV/nano-Au/TiO <sub>2</sub> photocatalysis reduction device. <i>Talanta</i> , 2008, 77, 546-550.	2.9	28
29	Temporal Changes of Urinary Oxidative Metabolites of Di(2-ethylhexyl)phthalate After the 2011 Phthalate Incident in Taiwanese Children: Findings of a Six Month Follow-Up. <i>Environmental Science &amp; Technology</i> , 2013, 47, 13754-13762.	4.6	28
30	Seroindeterminate HTLV-1 Prevalence and Characteristics in Blood Donors in Taiwan. <i>International Journal of Hematology</i> , 2003, 77, 412-413.	0.7	27
31	A Crossover Study of Noodle Soup Consumption in Melamine Bowls and Total Melamine Excretion in Urine. <i>JAMA Internal Medicine</i> , 2013, 173, 317.	2.6	27
32	Effects of high di(2-ethylhexyl) phthalate (DEHP) exposure due to tainted food intake on pre-pubertal growth characteristics in a Taiwanese population. <i>Environmental Research</i> , 2016, 149, 197-205.	3.7	27
33	Simultaneous Determination of HFBA-Derivatized Amphetamines and Ketamines in Urine by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2011, 35, 162-169.	1.7	26
34	Direct and rapid characterization of illicit drugs in adulterated samples using thermal desorption electrospray ionization mass spectrometry. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 451-459.	0.9	24
35	Quantification of Salivary Arecoline, Arecaidine and N-Methylnipecotic Acid Levels in Volunteers by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2015, 39, 714-719.	1.7	21
36	Exposure sources and their relative contributions to urinary phthalate metabolites among children in Taiwan. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 869-879.	2.1	21

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37	The use of tobacco-free betel-quid in conjunction with alcohol/tobacco impacts early-onset age and carcinoma distribution for upper aerodigestive tract cancer. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 684-692.	1.4	20
38	Rapid point-of-care identification of oral medications in gastric lavage content by ambient mass spectrometry in the emergency room. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1295-1303.	0.7	20
39	Rubella Seroepidemiology and Catch-up Immunization among Pregnant Women in Taiwan: Comparison between Women Born in Taiwan and Immigrants from Six Countries in Asia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 40-44.	0.6	19
40	Waning immunity and booster responses in nursing and medical technology students who had received plasma-derived or recombinant hepatitis B vaccine during infancy. <i>American Journal of Infection Control</i> , 2011, 39, 408-414.	1.1	18
41	Simultaneous drug identification in urine of sexual assault victims by using liquid chromatography tandem mass spectrometry. <i>Forensic Science International</i> , 2018, 282, 35-40.	1.3	18
42	Pathways of emotional autonomy, self-care behaviors, and depressive symptoms on health adaptation in adolescents with type 1 diabetes. <i>Nursing Outlook</i> , 2017, 65, 68-76.	1.5	17
43	Seroprevalence and Demographic Characteristics of HTLV-I Among Blood Donors in Taiwan: 1996-1999. <i>International Journal of Hematology</i> , 2001, 74, 333-337.	0.7	16
44	Detection of melamine in a human renal uric acid stone by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS). <i>Clinica Chimica Acta</i> , 2012, 413, 1689-1695.	0.5	16
45	Findings of 2731 suspected phthalate-tainted foodstuffs during the 2011 phthalates incident in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 600-605.	0.8	14
46	Brief report. Simultaneous multiple viral infections in childhood acute lower respiratory tract infections in Southern Taiwan. <i>Journal of Tropical Pediatrics</i> , 1998, 44, 308-311.	0.7	13
47	The influence of age at onset and gender on the HLA-DQA1, DQB1 association in Chinese children with insulin dependent diabetes mellitus. <i>Human Immunology</i> , 1999, 60, 1131-1137.	1.2	13
48	Continuous multi-element (Cu, Mn, Ni, Se) monitoring in saline and cell suspension using on-line microdialysis coupled with simultaneous electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2006, 576, 2-8.	2.6	13
49	The sex-specific association of phthalate exposure with DNA methylation and characteristics of body fat in children. <i>Science of the Total Environment</i> , 2020, 737, 139833.	3.9	13
50	GAD65 antibody prevalence and association with thyroid antibodies, HLA-DR in Chinese children with type 1 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2001, 54, 27-32.	1.1	12
51	Factors affecting health adaptation of Chinese adolescents with type 1 diabetes. <i>Journal of Child Health Care</i> , 2016, 20, 5-16.	0.7	12
52	Laparoscopy in Children With Acute Intestinal Obstruction by Aberrant Congenital Bands. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2010, 20, e34-e37.	0.4	11
53	Rapid detection of illegal colorants on traditional Chinese pastries through mass spectrometry with an interchangeable thermal desorption electrospray ionization source. <i>Food Chemistry</i> , 2018, 252, 189-197.	4.2	11
54	Longitudinal changes in oxidative stress and early renal injury in children exposed to DEHP and melamine in the 2011 Taiwan food scandal. <i>Environment International</i> , 2022, 158, 107018.	4.8	11

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55	The effects of acarbose on chemokine and cytokine production in human monocytic THP-1 cells. <i>Hormones</i> , 2019, 18, 179-187.	0.9	10
56	Exposure Estimation for Risk Assessment of the Phthalate Incident in Taiwan. <i>PLoS ONE</i> , 2016, 11, e0151070.	1.1	10
57	On-line microdialysis sampling coupled with flame atomic absorption spectrometry for continuous in vivo monitoring of diffusible magnesium in the blood of living animals. <i>Talanta</i> , 2005, 66, 740-745.	2.9	9
58	Falsely elevated troponin I attributed to inadequate centrifugation using the Access® immunoassay analyzer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 908-9.	1.4	9
59	Association study of LIN28B in girls with precocious puberty. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 663-667.	0.4	9
60	Ambient mass spectrometry for rapid diagnosis of psychoactive drugs overdose in an unstable patient. <i>American Journal of Emergency Medicine</i> , 2018, 36, 530.e1-530.e5.	0.7	9
61	Decreased levels of urinary di-2-ethylhexyl phthalate (DEHP) metabolites and biomarkers of oxidative stress in children exposed to DEHP-tainted foods in Taiwan in 2011: A 44-month follow-up. <i>Environmental Pollution</i> , 2020, 266, 115204.	3.7	9
62	Pyrrolo[2,1-c][1,4]benzodiazepine and indole conjugate (IN6CPBD) has better efficacy and superior safety than the mother compound DC-81 in suppressing the growth of established melanoma in vivo. <i>Chemico-Biological Interactions</i> , 2009, 180, 360-367.	1.7	8
63	Association between HLA-DQA1, HLA-DQB1 and oral cancer. <i>Kaohsiung Journal of Medical Sciences</i> , 2011, 27, 441-445.	0.8	8
64	Predictors of Glycemic Control in Adolescents of Various Age Groups With Type 1 Diabetes. <i>The Journal of Nursing Research: JNR</i> , 2015, 23, 271-279.	0.7	8
65	Neurite growth could be impaired by <i>ETFDH</i> mutation but restored by mitochondrial cofactors. <i>Muscle and Nerve</i> , 2017, 56, 479-485.	1.0	8
66	Rapid identification of herbal toxins using electrospray laser desorption ionization mass spectrometry for emergency care. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 415-427.	0.9	8
67	Selected Analyte Values in Serum Versus Heparinized Plasma Using the SYNCHRON LX PRO Assay Methods/Instrument. <i>Laboratory Medicine</i> , 2006, 37, 731-732.	0.8	6
68	Life-Threatening Cardiac Toxicity After Chewing Inverted Nut (Pinang-Wang). <i>Annals of Emergency Medicine</i> , 2009, 54, 757-758.	0.3	6
69	HLA-DQA1 and -DQB1 allele typing in southern Taiwanese women with breast cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 611-4.	1.4	5
70	Quantitative human chorionic gonadotropin measurement in urine using the Access immunoassay. <i>American Journal of Emergency Medicine</i> , 2008, 26, 103-104.	0.7	5
71	Short Form of the Chinese Version Diabetes Quality of Life for Youth Scale: Table 1. <i>Diabetes Care</i> , 2011, 34, 1943-1945.	4.3	5
72	Suppressive effects of metformin on T-helper 1-related chemokines expression in the human monocytic leukemia cell line THP-1. <i>Endocrine Research</i> , 2018, 43, 228-234.	0.6	5

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73	Psychometric testing of the short-form Chinese version of the self-management for adolescents with type 1 diabetes scale. <i>Research in Nursing and Health</i> , 2018, 41, 563-571.	0.8	5
74	Quantitation of serum 25(OH)D2 and 25(OH)D3 concentrations by liquid chromatography tandem mass spectrometry in patients with diabetes mellitus. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 510-517.	0.9	5
75	Effect of Age on Allergen Responses of Allergic Patients in Southern Taiwan. <i>Kaohsiung Journal of Medical Sciences</i> , 2004, 20, 323-329.	0.8	2
76	Severe hyperlipidaemic pancreatitis associated with diabetes. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006, 95, 378-379.	0.7	2
77	Effect of seropositive rheumatoid factor on cardiac troponin I measurement using the Access <sup>®</sup> Immunoassay Analyzer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1293-4.	1.4	2
78	Urine Pregnancy Testing in Two Women with Cancer. <i>Laboratory Medicine</i> , 2007, 38, 280-281.	0.8	2
79	Identification of false-positive creatine kinase-MB activity in a patient with nonketotic hyperglycemia. <i>American Journal of Emergency Medicine</i> , 2007, 25, 859.e9-859.e10.	0.7	1
80	Reliability of Reagent Strips for the Measurement of Glucosuria in a Neonatal Intensive Care Setting. <i>Pediatrics and Neonatology</i> , 2014, 55, 424-425.	0.3	1
81	Cerebral venous sinus thrombosis in an infant with <i>Pseudomonas aeruginosa</i> sepsis. <i>Pediatrics International</i> , 2010, 52, 314-316.	0.2	0
82	Role of thyrotropin-releasing hormone test in re-evaluation of congenital hypothyroidism. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 383-389.	0.8	0