Yaw-Huei Hwang

List of Publications by Year
in descending order

61 papers	1,678 citations	257450 24 h-index	302126 39 g-index
62 all docs	62 docs citations	62 times ranked	2532 citing authors

#	Article	IF	Citations
1	In utero exposure to environmental lead and manganese and neurodevelopment at 2 years of age. Environmental Research, 2013, 123, 52-57.	7.5	133
2	Does prenatal cadmium exposure affect fetal and child growth?. Occupational and Environmental Medicine, 2011, 68, 641-646.	2.8	118
3	Cardiopulmonary toxicity of pulmonary exposure to occupationally relevant zinc oxide nanoparticles. Nanotoxicology, 2014, 8, 593-604.	3.0	112
4	Predicting Health-Related Quality of Life in Patients With Low Back Pain. Spine, 2005, 30, 551-555.	2.0	91
5	Environmental Arsenic Exposure of Children around a Former Copper Smelter Site. Environmental Research, 1997, 72, 72-81.	7.5	82
6	Possible association between nickel and chromium and oral cancer: A caseâ€“control study in central Taiwan. Science of the Total Environment, 2011, 409, 1046-1052.	8.0	70
7	Expression of hepcidin and other iron-regulatory genes in human hepatocellular carcinoma and its clinical implications. Journal of Cancer Research and Clinical Oncology, 2009, 135, 1413-1420.	2.5	53
8	Mercury, APOE, and children's neurodevelopment. NeuroToxicology, 2013, 37, 85-92.	3.0	51
9	Effect of gestational smoke exposure on atopic dermatitis in the offspring. Pediatric Allergy and Immunology, 2008, 19, 580-586.	2.6	49
10	Electromyographical assessment on muscular fatigueâ€”an elaboration upon repetitive typing activity. Journal of Electromyography and Kinesiology, 2004, 14, 661-669.	1.7	46
11	Transition of cord blood lead level, 1985â€“2002, in the Taipei area and its determinants after the cease of leaded gasoline use. Environmental Research, 2004, 96, 274-282.	7.5	43
12	The association between low levels of lead in blood and occupational noise-induced hearing loss in steel workers. Science of the Total Environment, 2009, 408, 43-49.	8.0	40
13	Mercury, APOE, and child behavior. Chemosphere, 2015, 120, 123-130.	8.2	34
14	The role of essential metals in the placental transfer of lead from mother to child. Reproductive Toxicology, 2010, 29, 443-446.	2.9	33
15	Assessing the mechanisms controlling the mobilization of arsenic in the arsenic contaminated shallow alluvial aquifer in the blackfoot disease endemic area. Journal of Hazardous Materials, 2011, 197, 397-403.	12.4	32
16	Increased mortality odds ratio of male liver cancer in a community contaminated by chlorinated hydrocarbons in groundwater. Occupational and Environmental Medicine, 2003, 60, 364-369.	2.8	31
17	Elucidating the underlying causes of oral cancer through spatial clustering in high-risk areas of Taiwan with a distinct gender ratio of incidence. Geospatial Health, 2010, 4, 231.	0.8	31
18	Reduced expression of C/EBPÎ± protein in hepatocellular carcinoma is associated with advanced tumor stage and shortened patient survival. Journal of Cancer Research and Clinical Oncology, 2009, 135, 241-247.	2.5	30

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19	Neuroâ€mediators as predictors of paediatric atopic dermatitis. Clinical and Experimental Allergy, 2008, 38, 1302-1308.	2.9	29
20	Long-Term Psychological Outcome of Workers After Occupational Injury: Prevalence and Risk Factors. Journal of Occupational Rehabilitation, 2014, 24, 1-10.	2.2	29
21	Lead contamination around a kindergarten near a battery recycling plant. Bulletin of Environmental Contamination and Toxicology, 1992, 49, 23-30.	2.7	28
22	Globally temporal transitions of blood lead levels of preschool children across countries of different categories of Human Development Index. Science of the Total Environment, 2019, 659, 1395-1402.	8.0	28
23	A critical exploration of blood and environmental chromium concentration among oral cancer patients in an oral cancer prevalent area of Taiwan. Environmental Geochemistry and Health, 2011, 33, 469-476.	3.4	27
24	The Taiwan Birth Panel Study: a prospective cohort study for environmentally- related child health. BMC Research Notes, 2011, 4, 291.	1.4	26
25	Influence of smartphone use styles on typing performance and biomechanical exposure. Ergonomics, 2016, 59, 821-828.	2.1	26
26	Temporal Fluctuation of the Lead Level in the Cord Blood of Neonates in Taipei. Archives of Environmental Health, 1990, 45, 42-45.	0.4	25
27	Fungi Genus and Concentration in the Air of Onion Fields and Their Opportunistic Action Related to Mycotic Keratitis. Archives of Environmental Health, 2002, 57, 349-354.	0.4	22
28	Parental occupational lead exposure and lead concentration of newborn cord blood. American Journal of Industrial Medicine, 1989, 15, 111-115.	2.1	21
29	Monitoring of arsenic exposure with speciated urinary inorganic arsenic metabolites for ion implanter maintenance engineers. Environmental Research, 2002, 90, 207-216.	7.5	21
30	Associations between petrol-station density and manganese and lead in the cord blood of newborns living in Taiwan. Environmental Research, 2011, 111, 260-265.	7.5	20
31	Increased inflammation in rheumatoid arthritis patients living where farm soils contain high levels of copper. Journal of the Formosan Medical Association, 2016, 115, 991-996.	1.7	20
32	Incense burning at home and the blood lead level of preschoolers in Taiwan. Environmental Science and Pollution Research, 2014, 21, 13480-13487.	5.3	19
33	Contribution of gestational exposure to ambient traffic air pollutants to fetal cord blood manganese. Environmental Research, 2012, 112, 1-7.	7.5	18
34	The Impact of Psychological Symptoms on Return to Work in Workers After Occupational Injury. Journal of Occupational Rehabilitation, 2013, 23, 55-62.	2.2	18
35	The Dose-Response Relationship Between Cumulative Lifting Load and Lumbar Disk Degeneration Based on Magnetic Resonance Imaging Findings. Physical Therapy, 2014, 94, 1582-1593.	2.4	18
36	Development of a monitoring system for keyboard users' performance. Ergonomics, 2004, 47, 1571-1581.	2.1	17

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37	Psychological Outcome of Injured Workers at 3 Months after Occupational Injury Requiring Hospitalization in Taiwan. Journal of Occupational Health, 2012, 54, 289-298.	2.1	16
38	Psychiatric disorders after occupational injury among National Health Insurance enrollees in Taiwan. Psychiatry Research, 2014, 219, 645-650.	3.3	14
39	Mobile Phone Use Behaviors and Postures on Public Transportation Systems. PLoS ONE, 2016, 11, e0148419.	2.5	13
40	Genetic polymorphism of As3MT and delayed urinary DMA excretion after organic arsenic intake from oyster ingestion. Journal of Environmental Monitoring, 2010, 12, 1247.	2.1	11
41	Efficacy of using multiple open-path Fourier transform infrared (OP-FTIR) spectrometers in an odor emission episode investigation at a semiconductor manufacturing plant. Science of the Total Environment, 2011, 409, 3158-3165.	8.0	11
42	Monitoring of Low Level Arsenic Exposure During Maintenance of Ion Implanters. Archives of Environmental Health, 2000, 55, 347-354.	0.4	10
43	Suspended Onion Particles and Potential Corneal Injury in Onion Harvesters. Archives of Environmental Health, 2002, 57, 78-84.	0.4	10
44	Reliability and Validity of a Virtual Reality-Based System for Evaluating Postural Stability. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 85-91.	4.9	10
45	Impact of a water-damaged indoor environment on kindergarten student absences due to upper respiratory infection. Building and Environment, 2013, 64, 1-6.	6.9	9
46	Association of blood lead and mercury with estimated GFR in herbalists after the ban of herbs containing aristolochic acids in Taiwan. Occupational and Environmental Medicine, 2013, 70, 545-551.	2.8	9
47	Pilot Studies of VOC Exposure Profiles during Surgical Operations. Annals of Work Exposures and Health, 2019, 63, 173-183.	1.4	9
48	Using structural equation model to explore occupational lead exposure pathways. Science of the Total Environment, 2002, 284, 95-108.	8.0	8
49	The effect of idle time thresholds on computer use time estimations by electronic monitoring. Ergonomics, 2009, 52, 872-881.	2.1	8
50	Effects of passive computer use time and non-computer work time on the performance of electronic activity monitoring. Ergonomics, 2010, 53, 1254-1262.	2.1	8
51	Temporal Change in Bimanual Interkeypress Intervals and Self-Reported Symptoms During Continuous Typing. Journal of Occupational Rehabilitation, 2008, 18, 319-325.	2.2	7
52	Exposure to Multiple Low-Level Chemicals in Relation to Reproductive Hormones in Premenopausal Women Involved in Liquid Crystal Display Manufacture. International Journal of Environmental Research and Public Health, 2013, 10, 1406-1417.	2.6	7
53	Lip Lead as an Alternative Measure for Lead Exposure Assessment of Lead Battery Assembly Workers. AIHAJ: A Journal for the Science of Occupational and Environmental Health and Safety, 2000, 61, 825-831.	0.4	6
54	Validation of a recording system for computer pointing device activity. International Journal of Industrial Ergonomics, 2009, 39, 681-688.	2.6	6

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55	Effects of input methods on inter-key press intervals during continuous typing. Ergonomics, 2009, 52, 1153-1161.	2.1	3
56	Characterization of Ti-containing nanoparticles in the aquatic environment of the Tamsuei River Basin in northern Taiwan. Science of the Total Environment, 2021, 797, 149163.	8.0	3
57	Real-Time Fab-Wise Airborne Molecular Contaminant (AMC) Monitoring System Using Multiple Fourier Transform Infrared (FTIR) Spectrometers in a Semiconductor Plant. Aerosol and Air Quality Research, 2015, 15, 1640-1651.	2.1	3
58	Acute Effects of Pulmonary Exposure to Zinc Oxide Nanoparticles on the Brain in vivo. Aerosol and Air Quality Research, 2020, , .	2.1	3
59	Characteristics of fungal flora in onion farmlands with potential link to human mycotic keratitis. Toxicological and Environmental Chemistry, 2007, 89, 381-389.	1.2	2
60	Impact of age on the postural stability measured by a virtual reality tracker-based posturography and a pressure platform system. BMC Geriatrics, 2022, 22, .	2.7	1
61	0214â€…Transitions of blood lead levels of preschool children across countries of various extent of development. , 2017, , .		0