

Yaw-Huei Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,678
citations

257101

24
h-index

301761

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. <i>Environmental Research</i> , 2013, 123, 52-57.	3.7	133
2	Does prenatal cadmium exposure affect fetal and child growth?. <i>Occupational and Environmental Medicine</i> , 2011, 68, 641-646.	1.3	118
3	Cardiopulmonary toxicity of pulmonary exposure to occupationally relevant zinc oxide nanoparticles. <i>Nanotoxicology</i> , 2014, 8, 593-604.	1.6	112
4	Predicting Health-Related Quality of Life in Patients With Low Back Pain. <i>Spine</i> , 2005, 30, 551-555.	1.0	91
5	Environmental Arsenic Exposure of Children around a Former Copper Smelter Site. <i>Environmental Research</i> , 1997, 72, 72-81.	3.7	82
6	Possible association between nickel and chromium and oral cancer: A case-control study in central Taiwan. <i>Science of the Total Environment</i> , 2011, 409, 1046-1052.	3.9	70
7	Expression of hepcidin and other iron-regulatory genes in human hepatocellular carcinoma and its clinical implications. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 1413-1420.	1.2	53
8	Mercury, APOE, and children's neurodevelopment. <i>NeuroToxicology</i> , 2013, 37, 85-92.	1.4	51
9	Effect of gestational smoke exposure on atopic dermatitis in the offspring. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 580-586.	1.1	49
10	Electromyographical assessment on muscular fatigue—an elaboration upon repetitive typing activity. <i>Journal of Electromyography and Kinesiology</i> , 2004, 14, 661-669.	0.7	46
11	Transition of cord blood lead level, 1985-2002, in the Taipei area and its determinants after the cease of leaded gasoline use. <i>Environmental Research</i> , 2004, 96, 274-282.	3.7	43
12	The association between low levels of lead in blood and occupational noise-induced hearing loss in steel workers. <i>Science of the Total Environment</i> , 2009, 408, 43-49.	3.9	40
13	Mercury, APOE, and child behavior. <i>Chemosphere</i> , 2015, 120, 123-130.	4.2	34
14	The role of essential metals in the placental transfer of lead from mother to child. <i>Reproductive Toxicology</i> , 2010, 29, 443-446.	1.3	33
15	Assessing the mechanisms controlling the mobilization of arsenic in the arsenic contaminated shallow alluvial aquifer in the blackfoot disease endemic area. <i>Journal of Hazardous Materials</i> , 2011, 197, 397-403.	6.5	32
16	Increased mortality odds ratio of male liver cancer in a community contaminated by chlorinated hydrocarbons in groundwater. <i>Occupational and Environmental Medicine</i> , 2003, 60, 364-369.	1.3	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. <i>Geospatial Health</i> , 2010, 4, 231.	0.3	31
18	Reduced expression of C/EBP β protein in hepatocellular carcinoma is associated with advanced tumor stage and shortened patient survival. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 241-247.	1.2	30

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19	Neuroâ€mediators as predictors of paediatric atopic dermatitis. <i>Clinical and Experimental Allergy</i> , 2008, 38, 1302-1308.	1.4	29
20	Long-Term Psychological Outcome of Workers After Occupational Injury: Prevalence and Risk Factors. <i>Journal of Occupational Rehabilitation</i> , 2014, 24, 1-10.	1.2	29
21	Lead contamination around a kindergarten near a battery recycling plant. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1992, 49, 23-30.	1.3	28
22	Globally temporal transitions of blood lead levels of preschool children across countries of different categories of Human Development Index. <i>Science of the Total Environment</i> , 2019, 659, 1395-1402.	3.9	28
23	A critical exploration of blood and environmental chromium concentration among oral cancer patients in an oral cancer prevalent area of Taiwan. <i>Environmental Geochemistry and Health</i> , 2011, 33, 469-476.	1.8	27
24	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
25	Influence of smartphone use styles on typing performance and biomechanical exposure. <i>Ergonomics</i> , 2016, 59, 821-828.	1.1	26
26	Temporal Fluctuation of the Lead Level in the Cord Blood of Neonates in Taipei. <i>Archives of Environmental Health</i> , 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. <i>Archives of Environmental Health</i> , 2002, 57, 349-354.	0.4	22
28	Parental occupational lead exposure and lead concentration of newborn cord blood. <i>American Journal of Industrial Medicine</i> , 1989, 15, 111-115.	1.0	21
29	Monitoring of arsenic exposure with speciated urinary inorganic arsenic metabolites for ion implanter maintenance engineers. <i>Environmental Research</i> , 2002, 90, 207-216.	3.7	21
30	Associations between petrol-station density and manganese and lead in the cord blood of newborns living in Taiwan. <i>Environmental Research</i> , 2011, 111, 260-265.	3.7	20
31	Increased inflammation in rheumatoid arthritis patients living where farm soils contain high levels of copper. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 991-996.	0.8	20
32	Incense burning at home and the blood lead level of preschoolers in Taiwan. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13480-13487.	2.7	19
33	Contribution of gestational exposure to ambient traffic air pollutants to fetal cord blood manganese. <i>Environmental Research</i> , 2012, 112, 1-7.	3.7	18
34	The Impact of Psychological Symptoms on Return to Work in Workers After Occupational Injury. <i>Journal of Occupational Rehabilitation</i> , 2013, 23, 55-62.	1.2	18
35	The Dose-Response Relationship Between Cumulative Lifting Load and Lumbar Disk Degeneration Based on Magnetic Resonance Imaging Findings. <i>Physical Therapy</i> , 2014, 94, 1582-1593.	1.1	18
36	Development of a monitoring system for keyboard users' performance. <i>Ergonomics</i> , 2004, 47, 1571-1581.	1.1	17

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37	Psychological Outcome of Injured Workers at 3 Months after Occupational Injury Requiring Hospitalization in Taiwan. <i>Journal of Occupational Health</i> , 2012, 54, 289-298.	1.0	16
38	Psychiatric disorders after occupational injury among National Health Insurance enrollees in Taiwan. <i>Psychiatry Research</i> , 2014, 219, 645-650.	1.7	14
39	Mobile Phone Use Behaviors and Postures on Public Transportation Systems. <i>PLoS ONE</i> , 2016, 11, e0148419.	1.1	13
40	Genetic polymorphism of As3MT and delayed urinary DMA excretion after organic arsenic intake from oyster ingestion. <i>Journal of Environmental Monitoring</i> , 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. <i>Science of the Total Environment</i> , 2011, 409, 3158-3165.	3.9	11
42	Monitoring of Low Level Arsenic Exposure During Maintenance of Ion Implanters. <i>Archives of Environmental Health</i> , 2000, 55, 347-354.	0.4	10
43	Suspended Onion Particles and Potential Corneal Injury in Onion Harvesters. <i>Archives of Environmental Health</i> , 2002, 57, 78-84.	0.4	10
44	Reliability and Validity of a Virtual Reality-Based System for Evaluating Postural Stability. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 85-91.	2.7	10
45	Impact of a water-damaged indoor environment on kindergarten student absences due to upper respiratory infection. <i>Building and Environment</i> , 2013, 64, 1-6.	3.0	9
46	Association of blood lead and mercury with estimated GFR in herbalists after the ban of herbs containing aristolochic acids in Taiwan. <i>Occupational and Environmental Medicine</i> , 2013, 70, 545-551.	1.3	9
47	Pilot Studies of VOC Exposure Profiles during Surgical Operations. <i>Annals of Work Exposures and Health</i> , 2019, 63, 173-183.	0.6	9
48	Using structural equation model to explore occupational lead exposure pathways. <i>Science of the Total Environment</i> , 2002, 284, 95-108.	3.9	8
49	The effect of idle time thresholds on computer use time estimations by electronic monitoring. <i>Ergonomics</i> , 2009, 52, 872-881.	1.1	8
50	Effects of passive computer use time and non-computer work time on the performance of electronic activity monitoring. <i>Ergonomics</i> , 2010, 53, 1254-1262.	1.1	8
51	Temporal Change in Bimanual Interkeypress Intervals and Self-Reported Symptoms During Continuous Typing. <i>Journal of Occupational Rehabilitation</i> , 2008, 18, 319-325.	1.2	7
52	Exposure to Multiple Low-Level Chemicals in Relation to Reproductive Hormones in Premenopausal Women Involved in Liquid Crystal Display Manufacture. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1406-1417.	1.2	7
53	Lip Lead as an Alternative Measure for Lead Exposure Assessment of Lead Battery Assembly Workers. <i>ALHAJ: A Journal for the Science of Occupational and Environmental Health and Safety</i> , 2000, 61, 825-831.	0.4	6
54	Validation of a recording system for computer pointing device activity. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 681-688.	1.5	6

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55	Effects of input methods on inter-key press intervals during continuous typing. <i>Ergonomics</i> , 2009, 52, 1153-1161.	1.1	3
56	Characterization of Ti-containing nanoparticles in the aquatic environment of the Tamsuei River Basin in northern Taiwan. <i>Science of the Total Environment</i> , 2021, 797, 149163.	3.9	3
57	Real-Time Fab-Wise Airborne Molecular Contaminant (AMC) Monitoring System Using Multiple Fourier Transform Infrared (FTIR) Spectrometers in a Semiconductor Plant. <i>Aerosol and Air Quality Research</i> , 2015, 15, 1640-1651.	0.9	3
58	Acute Effects of Pulmonary Exposure to Zinc Oxide Nanoparticles on the Brain in vivo. <i>Aerosol and Air Quality Research</i> , 2020, , .	0.9	3
59	Characteristics of fungal flora in onion farmlands with potential link to human mycotic keratitis. <i>Toxicological and Environmental Chemistry</i> , 2007, 89, 381-389.	0.6	2
60	Impact of age on the postural stability measured by a virtual reality tracker-based posturography and a pressure platform system. <i>BMC Geriatrics</i> , 2022, 22, .	1.1	1
61	0214â€¦Transitions of blood lead levels of preschool children across countries of various extent of development. , 2017, , .		0