Sin Eng Chia

List of Publications by Year
in descending order

69 papers	2,494 citations	201674 27 h-index	206112 48 g-index
69 all docs	69 docs citations	69 times ranked	3455 citing authors

#	Article	IF	Citations
1	Risk Perception and Impact of Severe Acute Respiratory Syndrome (SARS) on Work and Personal Lives of Healthcare Workers in Singapore. Medical Care, 2005, 43, 676-682.	2.4	407
2	Trace elements in blood and seminal plasma and their relationship to sperm quality. Reproductive Toxicology, 1993, 7, 613-618.	2.9	150
3	Detection of oxidative dna damage in human sperm and the association with cigarette smoking. Reproductive Toxicology, 1997, 11, 675-680.	2.9	141
4	Pterygium in Indonesia: prevalence, severity and risk factors. British Journal of Ophthalmology, 2002, 86, 1341-1346.	3.9	137
5	Secular trends of nasopharyngeal carcinoma incidence in Singapore, Hong Kong and Los Angeles Chinese populations, 1973â€“1997. European Journal of Epidemiology, 2007, 22, 513-521.	5.7	97
6	Blood Concentrations of Lead, Cadmium, Mercury, Zinc, and Copper and Human Semen Parameters. Archives of Andrology, 1992, 29, 177-183.	1.0	83
7	Metals in hair as biological indices for exposure. International Archives of Occupational and Environmental Health, 1993, 65, S83-S86.	2.3	76
8	Self perceived work related stress and the relation with salivary IgA and lysozyme among emergency department nurses. Occupational and Environmental Medicine, 2002, 59, 836-841.	2.8	76
9	Association between serum heavy metals and prostate cancer risk â€“ A multiple metal analysis. Environment International, 2019, 132, 105109.	10.0	75
10	The prevalence of fatigue and associated health and safety risk factors among taxi drivers in Singapore. Singapore Medical Journal, 2015, 56, 92-97.	0.6	66
11	Appropriate use of personal protective equipment among healthcare workers in public sector hospitals and primary healthcare polyclinics during the SARS outbreak in Singapore. Occupational and Environmental Medicine, 2005, 62, 473-477.	2.8	55
12	Review of recent epidemiological studies on paternal occupations and birth defects. Occupational and Environmental Medicine, 2002, 59, 149-155.	2.8	53
13	Biomarkers for Male Reproductive health hazards: Are they available?. Toxicology Letters, 2002, 134, 17-30.	0.8	52
14	Effects of Cigarette Smoking on Human Semen Quality. Archives of Andrology, 1994, 33, 163-168.	1.0	49
15	Medical Students' Exposure to Formaldehyde in a Gross Anatomy Dissection Laboratory. Journal of American College Health, 1992, 41, 115-119.	1.5	46
16	Concentrations of heavy metals in maternal and umbilical cord blood. BioMetals, 1993, 6, 61-6.	4.1	45
17	Effects of storage time on stability of salivary immunoglobulin A and lysozyme. Clinica Chimica Acta, 2003, 338, 131-134.	1.1	44
18	Outdoor work and the risk of pterygia: a case-control study. International Ophthalmology, 1998, 22, 293-298.	1.4	42

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19	Biological monitoring of exposure to low concentrations of styrene. American Journal of Industrial Medicine, 1994, 25, 719-730.	2.1	39
20	Concentrations of cadmium, lead, selenium, and zinc in human blood and seminal plasma. Biological Trace Element Research, 1994, 40, 49-57.	3.5	38
21	Does the increase of 8-hydroxydeoxyguanosine lead to poor sperm quality?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 381, 77-82.	1.0	37
22	Impairment of color vision among workers exposed to low concentrations of styrene. American Journal of Industrial Medicine, 1994, 26, 481-488.	2.1	36
23	Comparison of hepatic and serum lipid signatures in hepatocellular carcinoma patients leads to the discovery of diagnostic and prognostic biomarkers. Oncotarget, 2018, 9, 5032-5043.	1.8	36
24	Can salivary lead be used for biological monitoring of lead exposed individuals?. Occupational and Environmental Medicine, 2003, 60, 696-698.	2.8	33
25	Î´-Aminolevulinic Acid Dehydratase (ALAD) Polymorphism and Susceptibility of Workers Exposed to Inorganic Lead and Its Effects on Neurobehavioral Functions. NeuroToxicology, 2004, 25, 1041-1047.	3.0	32
26	Interethnic Variability of Plasma Paraoxonase (PON1) Activity towards Organophosphates and PON1 Polymorphisms among Asian Populationsâ”A Short Review. Industrial Health, 2008, 46, 309-317.	1.0	31
27	Concerns and Preparedness for an Avian Influenza Pandemic: A Comparison between Community Hospital and Tertiary Hospital Healthcare Workers. Industrial Health, 2007, 45, 653-661.	1.0	30
28	Perception in Relation to a Potential Influenza Pandemic among Healthcare Workers in Japan: Implications for Preparedness. Journal of Occupational Health, 2008, 50, 13-23.	2.1	29
29	Semen parameters in workers exposed to trichloroethylene. Reproductive Toxicology, 1996, 10, 295-299.	2.9	28
30	Associations of serum organohalogen levels and prostate cancer risk: Results from a caseâ€“control study in Singapore. Chemosphere, 2016, 144, 1505-1512.	8.2	27
31	Association of blood lead and homocysteine levels among lead exposed subjects in Vietnam and Singapore. Occupational and Environmental Medicine, 2007, 64, 688-693.	2.8	26
32	The prevalence of lower urinary tract symptoms and treatment-seeking behaviour in males over 40 years in Singapore: a community-based study. Prostate Cancer and Prostatic Diseases, 2012, 15, 273-277.	3.9	26
33	Identification of serum biomarkers associated with hepatitis B virus-related hepatocellular carcinoma and liver cirrhosis using mass-spectrometry-based metabolomics. Metabolomics, 2015, 11, 1526-1538.	3.0	23
34	Concerns over Participation in Genetic Research among Malay-Muslims, Chinese and Indians in Singapore: A Focus Group Study. Public Health Genomics, 2004, 7, 44-54.	1.0	22
35	BIOLOGICAL MONITORING FOR OCCUPATIONAL EXPOSURE TO TOLUENE. AIHA Journal, 1991, 52, 212-217.	0.4	21
36	8q24 and 17q Prostate cancer susceptibility loci in a multiethnic Asian cohort. Urologic Oncology: Seminars and Original Investigations, 2013, 31, 1553-1560.	1.6	21

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37	Association of renal function and Â-aminolevulinic acid dehydratase polymorphism among Vietnamese and Singapore workers exposed to inorganic lead. Occupational and Environmental Medicine, 2006, 63, 180-186.	2.8	19
38	Possibilities of newer ALAD polymorphism influencing human susceptibility to effects of inorganic lead on the neurobehavioral functions. NeuroToxicology, 2007, 28, 312-317.	3.0	18
39	Assessment of Proficiency of N95 Mask Donning Among the General Public in Singapore. JAMA Network Open, 2020, 3, e209670.	5.9	18
40	SARS Risk Perception and Preventive Measures, Singapore and Japan. Emerging Infectious Diseases, 2005, 11, 641-642.	4.3	16
41	Sun exposure and risk of lymphoid neoplasms in Singapore. Cancer Causes and Control, 2012, 23, 1055-1064.	1.8	16
42	Urinary homovanillic acid (HVA) and vanillymandelic acid (VMA) in workers exposed to manganese dust. Biological Trace Element Research, 1998, 64, 89-99.	3.5	15
43	Blood cadmium levels in non-occupationally exposed adult subjects in Singapore. Science of the Total Environment, 1994, 145, 119-123.	8.0	13
44	Parental occupations and other risk factors associated with nonchromosomal single, chromosomal single, and multiple birth defects: A population-based study in Singapore from 1994 to 1998. American Journal of Obstetrics and Gynecology, 2003, 188, 425-433.	1.3	13
45	Effect of ageing and body mass index on prostateâ€specific antigen levels among Chinese men in Singapore from a communityâ€based study. BJU International, 2009, 103, 1487-1491.	2.5	13
46	USE OF A COMPUTERIZED POSTURAL SWAY MEASUREMENT SYSTEM FOR ASSESSING WORKERS EXPOSED TO MANGANESE. Clinical and Experimental Pharmacology and Physiology, 1993, 20, 549-553.	1.9	12
47	Low birth weight in relation to parental occupationsâ€"a population-based registry in Singapore (1994â€"1998). Neurotoxicology and Teratology, 2004, 26, 285-290.	2.4	11
48	Possible Influence of Î´-Aminolevulinic Acid Dehydratase Polymorphism and Susceptibility to Renal Toxicity of Lead: A Study of a Vietnamese Population. Environmental Health Perspectives, 2005, 113, 1313-1317.	6.0	11
49	Distribution of PON1 polymorphismsâ€"PON1Q192R and PON1L55M among Chinese, Malay and Indian males in Singapore and possible susceptibility to organophosphate exposure. NeuroToxicology, 2009, 30, 214-219.	3.0	11
50	Effluents from a pulp and paper mill: a skin and health survey of children living in upstream and downstream villages. Occupational and Environmental Medicine, 2002, 59, 373-379.	2.8	10
51	Incidence, mortality and survival patterns of prostate cancer among residents in Singapore from 1968 to 2002. BMC Cancer, 2008, 8, 368.	2.6	10
52	Avian influenza and South Jakarta primary healthcare workers: a controlled mixedâ€method study. Tropical Medicine and International Health, 2009, 14, 817-829.	2.3	7
53	Photorefractive Keratectomy in Young Asian Aviators with Low-Moderate Myopia. Aviation, Space, and Environmental Medicine, 2014, 85, 25-29.	0.5	7
54	Incidence, mortality and five-year relative survival ratio of prostate cancer among Chinese residents in Singapore from 1968 to 2002 by metastatic staging. Annals of the Academy of Medicine, Singapore, 2010, 39, 466-71.	0.4	7

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55	Environmental and biological monitoring of methyl ethyl ketone (MEK). Environmental Monitoring and Assessment, 1991, 19, 401-411.	2.7	6
56	A comparative population-based study of prostate cancer incidence and mortality rates in Singapore, Sweden and Geneva, Switzerland from 1973 to 2006. BMC Cancer, 2012, 12, 222.	2.6	6
57	Postural stability and neurobehavioural effects of heat exhaustion among adult men. Neurotoxicology and Teratology, 2001, 23, 659-664.	2.4	4
58	Prognosis of adult men with heat exhaustion with regard to postural stability and neurobehavioral effects: a 6-month follow-up study. Neurotoxicology and Teratology, 2003, 25, 503-508.	2.4	4
59	Targeted analysis of omega-6-derived oxylipins and parent polyunsaturated fatty acids in serum of hepatitis B virus-related hepatocellular carcinoma patients. Metabolomics, 2017, 13, 1.	3.0	4
60	Substantial differences in preparedness for emergency infection control measures among major hospitals in Japan: lessons from SARS. Journal of Infection and Chemotherapy, 2006, 12, 124-131.	1.7	3
61	Prevalence of Headache among Handheld Cellular Telephone Users: Response. Environmental Health Perspectives, 2001, 109, A110.	6.0	2
62	Can Â-aminolevulinic acid dehydratase 2 allele exert certain protective measures against the neurotoxic effects of lead?. Occupational and Environmental Medicine, 2004, 61, 720-720.	2.8	2
63	Nanotechnology Health and Safety â€"What Can Occupational Health Professionals Do?. Industrial Health, 2011, 49, 545-547.	1.0	2
64	Congenital anomalies in the offspring of military personnel?. Occupational and Environmental Medicine, 2006, 63, 82-83.	2.8	1
65	Ultra-performance liquid chromatographic assay coupled with two-dimensional separation for spectrometric determination of urinary S-phenylmercapturic acid. Analytical Methods, 2011, 3, 2025.	2.7	1
66	A Study on the Comprehensive and Integrated Workplace Safety and Health Services in Singapore. Journal of Occupational and Environmental Medicine, 2015, 57, 958-964.	1.7	1
67	232â€...A health-based risk assessment framework in the workplace to integrate the management of health and safety risks: a review. , 2018, , .		1
68	Comfort and exertion while using filtering facepiece respirators with exhalation valve and an active venting system among male military personnel. Singapore Medical Journal, 2018, 59, 327-334.	0.6	1
69	A total workplace safety and health service - what are the implications for the employees and employers?. Annals of the Academy of Medicine, Singapore, 2014, 43, 475-6.	0.4	0