

Catharina Wesseling

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,590
citations

201674

27
h-index

175258

52
g-index

55
all docs

55
docs citations

55
times ranked

3035
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change and the Emergent Epidemic of CKD from Heat Stress in Rural Communities: The Case for Heat Stress Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1472-1483.	4.5	284
2	CKD of Unknown Origin in Central America: The Case for a Mesoamerican Nephropathy. <i>American Journal of Kidney Diseases</i> , 2014, 63, 506-520.	1.9	271
3	Heat stress, dehydration, and kidney function in sugarcane cutters in El Salvador – A cross-shift study of workers at risk of Mesoamerican nephropathy. <i>Environmental Research</i> , 2015, 142, 746-755.	7.5	230
4	Decreased Kidney Function Among Agricultural Workers in El Salvador. <i>American Journal of Kidney Diseases</i> , 2012, 59, 531-540.	1.9	214
5	Fructokinase activity mediates dehydration-induced renal injury. <i>Kidney International</i> , 2014, 86, 294-302.	5.2	198
6	Chronic Kidney Disease of Unknown Cause in Agricultural Communities. <i>New England Journal of Medicine</i> , 2019, 380, 1843-1852.	27.0	196
7	Decreased Kidney Function of Unknown Cause in Nicaragua: A Community-Based Survey. <i>American Journal of Kidney Diseases</i> , 2010, 55, 485-496.	1.9	184
8	Heat Stress Nephropathy From Exercise-Induced Uric Acid Crystalluria: A Perspective on Mesoamerican Nephropathy. <i>American Journal of Kidney Diseases</i> , 2016, 67, 20-30.	1.9	150
9	Pesticides and human health. <i>Occupational and Environmental Medicine</i> , 2015, 72, 81-82.	2.8	134
10	Heat stress, hydration and uric acid: a cross-sectional study in workers of three occupations in a hotspot of Mesoamerican nephropathy in Nicaragua. <i>BMJ Open</i> , 2016, 6, e011034.	1.9	119
11	Resolving the Enigma of the Mesoamerican Nephropathy: A Research Workshop Summary. <i>American Journal of Kidney Diseases</i> , 2014, 63, 396-404.	1.9	117
12	Pesticide exposure and neurodevelopment in children aged 6–9 years from Talamanca, Costa Rica. <i>Cortex</i> , 2016, 85, 137-150.	2.4	110
13	Acute pesticide poisoning and pesticide registration in Central America. <i>Toxicology and Applied Pharmacology</i> , 2005, 207, 697-705.	2.8	109
14	Kidney function in sugarcane cutters in Nicaragua – A longitudinal study of workers at risk of Mesoamerican nephropathy. <i>Environmental Research</i> , 2016, 147, 125-132.	7.5	108
15	Heat exposure in sugarcane harvesters in Costa Rica. <i>American Journal of Industrial Medicine</i> , 2013, 56, 1157-1164.	2.1	103
16	Pesticide exposures and chronic kidney disease of unknown etiology: an epidemiologic review. <i>Environmental Health</i> , 2017, 16, 49.	4.0	93
17	The Epidemic of Chronic Kidney Disease of Unknown Etiology in Mesoamerica: A Call for Interdisciplinary Research and Action. <i>American Journal of Public Health</i> , 2013, 103, 1927-1930.	2.7	81
18	Mesoamerican nephropathy: geographical distribution and time trends of chronic kidney disease mortality between 1970 and 2012 in Costa Rica. <i>Occupational and Environmental Medicine</i> , 2015, 72, 714-721.	2.8	81

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19	Intervention to diminish dehydration and kidney damage among sugarcane workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2018, 44, 16-24.	3.4	75
20	Heat-Related symptoms in sugarcane harvesters. <i>American Journal of Industrial Medicine</i> , 2015, 58, 541-548.	2.1	70
21	Chronic kidney disease of non-traditional origin in Mesoamerica: a disease primarily driven by occupational heat stress. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2020, 44, 1.	1.1	68
22	Decline in Kidney Function among Apparently Healthy Young Adults at Risk of Mesoamerican Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2200-2212.	6.1	60
23	Hyperosmolarity drives hypertension and CKD—water and salt revisited. <i>Nature Reviews Nephrology</i> , 2014, 10, 415-420.	9.6	57
24	Workload and cross-harvest kidney injury in a Nicaraguan sugarcane worker cohort. <i>Occupational and Environmental Medicine</i> , 2019, 76, 818-826.	2.8	49
25	Preventing kidney injury among sugarcane workers: promising evidence from enhanced workplace interventions. <i>Occupational and Environmental Medicine</i> , 2020, 77, 527-534.	2.8	49
26	Hazardous Pesticides in Central America. <i>International Journal of Occupational and Environmental Health</i> , 2001, 7, 287-294.	1.2	43
27	Unintentional fatal paraquat poisonings among agricultural workers in Costa Rica: Report of 15 cases. , 1997, 32, 433-441.		41
28	Maternal residential pesticide use and risk of childhood leukemia in Costa Rica. <i>International Journal of Cancer</i> , 2018, 143, 1295-1304.	5.1	33
29	Heat stress and workload associated with sugarcane cutting - an excessively strenuous occupation!. <i>Extreme Physiology and Medicine</i> , 2015, 4, .	2.5	29
30	Environmental exposures in young adults with declining kidney function in a population at risk of Mesoamerican nephropathy. <i>Occupational and Environmental Medicine</i> , 2019, 76, 920-926.	2.8	27
31	Pesticide prioritization for a case-control study on childhood leukemia in Costa Rica: a simple stepwise approach. <i>Environmental Research</i> , 2005, 97, 335-347.	7.5	25
32	Monitoring Pesticide Use and Associated Health Hazards in Central America. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 258-269.	1.2	25
33	Monitoring Pesticide Use and Associated Health Hazards in Central America. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 258-269.	1.2	20
34	Rationale, description and baseline findings of a community-based prospective cohort study of kidney function amongst the young rural population of Northwest Nicaragua. <i>BMC Nephrology</i> , 2017, 18, 16.	1.8	18
35	Living on a farm, contact with farm animals and pets, and childhood acute lymphoblastic leukemia: pooled and meta-analyses from the Childhood Leukemia International Consortium. <i>Cancer Medicine</i> , 2018, 7, 2665-2681.	2.8	18
36	Parental tobacco smoking and risk of childhood leukemia in Costa Rica: A population-based case-control study. <i>Environmental Research</i> , 2020, 180, 108827.	7.5	14

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37	Markers of kidney tubular and interstitial injury and function among sugarcane workers with cross-harvest serum creatinine elevation. <i>Occupational and Environmental Medicine</i> , 2022, 79, 396-402.	2.8	14
38	Early immune stimulation and childhood acute lymphoblastic leukemia in Costa Rica: A comparison of statistical approaches. <i>Environmental Research</i> , 2020, 182, 109023.	7.5	10
39	Pesticide risk perceptions among bystanders of aerial spraying on bananas in Costa Rica. <i>Environmental Research</i> , 2020, 189, 109877.	7.5	9
40	Parkinson's and Alzheimer's diseases in Costa Rica: a feasibility study toward a national screening program. <i>Global Health Action</i> , 2013, 6, 23061.	1.9	6
41	Mesoamerican nephropathy in Costa Rica: Geographical distribution and time trends of chronic kidney disease mortality between 1970 and 2012. <i>Occupational and Environmental Medicine</i> , 2014, 71, A27.1-A27.	2.8	6
42	Workplace Intervention for Heat Stress: Essential Elements of Design, Implementation, and Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3779.	2.6	6
43	Comment: Mesoamerican nephropathy "new evidence and the need to act now. <i>International Journal of Occupational and Environmental Health</i> , 2015, 21, 333-336.	1.2	4
44	In reply to: "Should we consider renaming "Mesoamerican Nephropathy" as Nephropathy of Unknown Cause in Agricultural Labourers (NUCAL)?" <i>Occupational and Environmental Medicine</i> , 2016, 73, oemed-2016-104005.	2.8	4
45	Mesoamerican Nephropathy: Do Novel Biomarkers of Kidney Damage Have a Role to Play?. <i>American Journal of Kidney Diseases</i> , 2016, 67, 173-175.	1.9	4
46	Neuropsychological effects among workers exposed to organic solvents. <i>Salud Publica De Mexico</i> , 2019, 61, 670.	0.4	4
47	Is an Environmental Nephrotoxin the Primary Cause of CKDu (Mesoamerican Nephropathy)? <i>CON. Kidney360</i> , 2020, 1, 596-601.	2.1	3
48	SALTRA: A Regional Program for Workers' Health and Sustainable Development in Central America. <i>International Journal of Occupational and Environmental Health</i> , 2011, 17, 223-229.	1.2	3
49	Wesseling et al. Respond. <i>American Journal of Public Health</i> , 2014, 104, e1-e2.	2.7	2
50	Wesseling et al. Respond. <i>American Journal of Public Health</i> , 2014, 104, e9-e10.	2.7	1
51	Prevalence Studies on CKDu Need Stringent Reporting on Outcomes to Enhance Comparability. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6877.	2.6	1
52	S03-3...Heat and work capacity - how to measure exposure. , 2016, , .		0