

# Samuel Fuhrmann

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

978  
citations

361413

20  
h-index

477307

29  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of diarrhoea and risk factors among children under five years old in Mbour, Senegal: a cross-sectional study. <i>Infectious Diseases of Poverty</i> , 2017, 6, 109.	3.7	69
2	Disease burden due to gastrointestinal pathogens in a wastewater system in Kampala, Uganda. <i>Microbial Risk Analysis</i> , 2016, 4, 16-28.	2.3	55
3	Risk of Intestinal Parasitic Infections in People with Different Exposures to Wastewater and Fecal Sludge in Kampala, Uganda: A Cross-Sectional Study. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004469.	3.0	53
4	Microbial and chemical contamination of water, sediment and soil in the Nakivubo wetland area in Kampala, Uganda. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 475.	2.7	49
5	Temporal variation of pesticide mixtures in rivers of three agricultural watersheds during a major drought in the Western Cape, South Africa. <i>Water Research X</i> , 2020, 6, 100039.	6.1	44
6	Systematic review of methods used to assess exposure to pesticides in occupational epidemiology studies, 1993â€“2017. <i>Occupational and Environmental Medicine</i> , 2020, 77, 357-367.	2.8	43
7	Exposure to multiple pesticides and neurobehavioral outcomes among smallholder farmers in Uganda. <i>Environment International</i> , 2021, 152, 106477.	10.0	40
8	Comparative Analysis of Pesticide Use Determinants Among Smallholder Farmers From Costa Rica and Uganda. <i>Environmental Health Insights</i> , 2020, 14, 117863022097241.	1.7	39
9	Exposure to Pesticides and Health Effects on Farm Owners and Workers From Conventional and Organic Agricultural Farms in Costa Rica: Protocol for a Cross-Sectional Study. <i>JMIR Research Protocols</i> , 2019, 8, e10914.	1.0	35
10	Sanitation safety planning as a tool for achieving safely managed sanitation systems and safe use of wastewater. <i>WHO South-East Asia Journal of Public Health</i> , 2017, 6, 34.	0.7	35
11	Microbial contamination along the main open wastewater and storm water channel of Hanoi, Vietnam, and potential health risks for urban farmers. <i>Science of the Total Environment</i> , 2016, 566-567, 1014-1022.	8.0	32
12	Current use pesticides in soil and air from two agricultural sites in South Africa: Implications for environmental fate and human exposure. <i>Science of the Total Environment</i> , 2022, 807, 150455.	8.0	31
13	Qualitative assessment of 27 current-use pesticides in air at 20 sampling sites across Africa. <i>Chemosphere</i> , 2020, 258, 127333.	8.2	28
14	Seasonal variations in air concentrations of 27 organochlorine pesticides (OCPs) and 25 current-use pesticides (CUPs) across three agricultural areas of South Africa. <i>Chemosphere</i> , 2022, 289, 133162.	8.2	28
15	Disease burden due to gastrointestinal infections among people living along the major wastewater system in Hanoi, Vietnam. <i>Advances in Water Resources</i> , 2017, 108, 439-449.	3.8	27
16	Association of activities related to pesticide exposure on headache severity and neurodevelopment of school-children in the rural agricultural farmlands of the Western Cape of South Africa. <i>Environment International</i> , 2021, 146, 106237.	10.0	27
17	Portable Functional Neuroimaging as an Environmental Epidemiology Tool: A How-To Guide for the Use of fNIRS in Field Studies. <i>Environmental Health Perspectives</i> , 2017, 125, 094502.	6.0	26
18	A prospective cohort study of school-going children investigating reproductive and neurobehavioral health effects due to environmental pesticide exposure in the Western Cape, South Africa: study protocol. <i>BMC Public Health</i> , 2018, 18, 857.	2.9	26

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19	Intestinal parasite infections and associated risk factors in communities exposed to wastewater in urban and peri-urban transition zones in Hanoi, Vietnam. <i>Parasites and Vectors</i> , 2016, 9, 537.	2.5	24
20	Variability and predictors of weekly pesticide exposure in applicators from organic, sustainable and conventional smallholder farms in Costa Rica. <i>Occupational and Environmental Medicine</i> , 2020, 77, 40-47.	2.8	22
21	Smallholder farmers' information behavior differs for organic versus conventional pest management strategies: A qualitative study in Uganda. <i>Journal of Cleaner Production</i> , 2020, 257, 120465.	9.3	22
22	Pesticide Research on Environmental and Human Exposure and Risks in Sub-Saharan Africa: A Systematic Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 259.	2.6	22
23	Health risk assessment along the wastewater and faecal sludge management and reuse chain of Kampala, Uganda: a visualization. <i>Geospatial Health</i> , 2014, 9, 241.	0.8	20
24	Health in the 2030 Agenda for Sustainable Development: from framework to action, transforming challenges into opportunities. <i>Journal of Global Health</i> , 2019, 9, 020201.	2.7	20
25	Recent pesticide exposure affects sleep: A cross-sectional study among smallholder farmers in Uganda. <i>Environment International</i> , 2022, 158, 106878.	10.0	20
26	Manganese exposure and working memory-related brain activity in smallholder farmworkers in Costa Rica: Results from a pilot study. <i>Environmental Research</i> , 2019, 173, 539-548.	7.5	19
27	Different aspects of electronic media use, symptoms and neurocognitive outcomes of children and adolescents in the rural Western Cape region of South Africa. <i>Environmental Research</i> , 2020, 184, 109315.	7.5	16
28	Quantitative assessment of multiple pesticides in silicone wristbands of children/guardian pairs living in agricultural areas in South Africa. <i>Science of the Total Environment</i> , 2022, 812, 152330.	8.0	14
29	Relation between organophosphate pesticide metabolite concentrations with pesticide exposures, socio-economic factors and lifestyles: A cross-sectional study among school boys in the rural Western Cape, South Africa. <i>Environmental Pollution</i> , 2021, 275, 116660.	7.5	11
30	Organophosphate and carbamate insecticide exposure is related to lung function change among smallholder farmers: a prospective study. <i>Thorax</i> , 2021, 76, 780-789.	5.6	10
31	Long-Term Neurological and Psychological Distress Symptoms among Smallholder Farmers in Costa Rica with a History of Acute Pesticide Poisoning. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9021.	2.6	10
32	Improving Exposure Assessment Methodologies for Epidemiological Studies on Pesticides: Study Protocol. <i>JMIR Research Protocols</i> , 2020, 9, e16448.	1.0	10
33	Exposure to cholinesterase inhibiting insecticides and blood glucose level in a population of Ugandan smallholder farmers. <i>Occupational and Environmental Medicine</i> , 2020, 77, 713-720.	2.8	9
34	Assessing potential health impacts of waste recovery and reuse business models in Hanoi, Vietnam. <i>International Journal of Public Health</i> , 2017, 62, 7-16.	2.3	8
35	Diarrhoea among Children Aged under Five Years and Risk Factors in Informal Settlements: A Cross-Sectional Study in Cape Town, South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6043.	2.6	8
36	Evaluation of two-year recall of self-reported pesticide exposure among Ugandan smallholder farmers. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113911.	4.3	7

#	ARTICLE	IF	CITATIONS
37	Impact of occupational pesticide exposure assessment method on risk estimates for prostate cancer, non-Hodgkin's lymphoma and Parkinson's disease: results of three meta-analyses. Occupational and Environmental Medicine, 2022, 79, 566-574.	2.8	6
38	Public Health Benefits from Livestock Rift Valley Fever Control: A Simulation of Two Epidemics in Kenya. EcoHealth, 2016, 13, 729-742.	2.0	4
39	Qualitative microbiome profiling along a wastewater system in Kampala, Uganda. Scientific Reports, 2019, 9, 17334.	3.3	3
40	Precision and accuracy of FEV1 measurements from the Vitalograph copd-6 mini-spirometer in a healthy Ugandan population. PLoS ONE, 2021, 16, e0253319.	2.5	2
41	Recall of exposure in UK farmers and pesticide applicators: trends with follow-up time. Annals of Work Exposures and Health, 2022, 66, 754-767.	1.4	2
42	Impress: Improving Exposure Assessment Methodologies for Epidemiological Studies on Pesticides. Outlooks on Pest Management, 2019, 30, 18-19.	0.2	1
43	Pesticide monitoring of vulnerable populations in Uganda and South Africa. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
44	Glyphosate exposure and neurobehavioral outcomes in farmworkers from Zarcero County, Costa Rica. ISEE Conference Abstracts, 2021, 2021, .	0.0	0