

# Syam Andra

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,627  
citations

257429

24  
h-index

315719

38  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in the application of high-resolution mass spectrometry for human biomonitoring: An analytical primer to studying the environmental chemical space of the human exposome. <i>Environment International</i> , 2017, 100, 32-61.	10.0	116
2	Pipe Scales and Biofilms in Drinking-Water Distribution Systems: Undermining Finished Water Quality. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 1477-1523.	12.8	99
3	Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A. <i>Environment International</i> , 2015, 85, 352-379.	10.0	96
4	Analysis of phytochelatin complexes in the lead tolerant vetiver grass [ <i>Vetiveria zizanioides</i> (L.)] using liquid chromatography and mass spectrometry. <i>Environmental Pollution</i> , 2009, 157, 2173-2183.	7.5	84
5	Synthesis of phytochelatins in vetiver grass upon lead exposure in the presence of phosphorus. <i>Plant and Soil</i> , 2010, 326, 171-185.	3.7	65
6	Induction of Lead-Binding Phytochelatins in Vetiver Grass [ <i>Vetiveria zizanioides</i> (L.)]. <i>Journal of Environmental Quality</i> , 2009, 38, 868-877.	2.0	57
7	Association between Water Consumption from Polycarbonate Containers and Bisphenol A Intake during Harsh Environmental Conditions in Summer. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3333-3343.	10.0	54
8	Thyroid Disrupting Chemicals in Plastic Additives and Thyroid Health. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2012, 30, 107-151.	2.9	48
9	Co-leaching of brominated compounds and antimony from bottled water. <i>Environment International</i> , 2012, 38, 45-53.	10.0	47
10	Reconstructing pre-natal and early childhood exposure to multi-class organic chemicals using teeth: Towards a retrospective temporal exposome. <i>Environment International</i> , 2015, 83, 137-145.	10.0	44
11	Recent advances in simultaneous analysis of bisphenol A and its conjugates in human matrices: Exposure biomarker perspectives. <i>Science of the Total Environment</i> , 2016, 572, 770-781.	8.0	43
12	Chelant-aided enhancement of lead mobilization in residential soils. <i>Environmental Pollution</i> , 2008, 156, 1139-1148.	7.5	42
13	Spatial and seasonal variability of tap water disinfection by-products within distribution pipe networks. <i>Science of the Total Environment</i> , 2015, 506-507, 26-35.	8.0	42
14	The tooth exposome in children's health research. <i>Current Opinion in Pediatrics</i> , 2016, 28, 221-227.	2.0	42
15	Occurrence and variability of iodinated trihalomethanes concentrations within two drinking-water distribution networks. <i>Science of the Total Environment</i> , 2016, 543, 505-513.	8.0	42
16	Neonatal intensive care unit phthalate exposure and preterm infant neurobehavioral performance. <i>PLoS ONE</i> , 2018, 13, e0193835.	2.5	40
17	Household Cleaning Activities as Noningestion Exposure Determinants of Urinary Trihalomethanes. <i>Environmental Science &amp; Technology</i> , 2014, 48, 770-780.	10.0	38
18	Sources of clinically significant neonatal intensive care unit phthalate exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 137-148.	3.9	36

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19	Prenatal toxic metal mixture exposure and newborn telomere length: Modification by maternal antioxidant intake. <i>Environmental Research</i> , 2020, 190, 110009.	7.5	34
20	Preliminary evidence of the association between monochlorinated bisphenol A exposure and type II diabetes mellitus: A pilot study. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 243-259.	1.7	32
21	Controlling the Fate of Roxarsone and Inorganic Arsenic in Poultry Litter. <i>Journal of Environmental Quality</i> , 2008, 37, 963-971.	2.0	31
22	Tooth matrix analysis for biomonitoring of organic chemical exposure: Current status, challenges, and opportunities. <i>Environmental Research</i> , 2015, 142, 387-406.	7.5	29
23	Pharmacokinetics of bisphenol A in humans following dermal administration. <i>Environment International</i> , 2020, 144, 106031.	10.0	29
24	Frequency of use controls chemical leaching from drinking-water containers subject to disinfection. <i>Water Research</i> , 2011, 45, 6677-6687.	11.3	27
25	Quality assurance and harmonization for targeted biomonitoring measurements of environmental organic chemicals across the Children's Health Exposure Analysis Resource laboratory network. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113741.	4.3	26
26	Tobacco-specific nitrosamines in water: An unexplored environmental health risk. <i>Environment International</i> , 2011, 37, 412-417.	10.0	25
27	Association of drinking-water source and use characteristics with urinary antimony concentrations. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 120-127.	3.9	21
28	Association between urinary levels of bisphenol A and its monochlorinated derivative and obesity. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 1169-1179.	1.7	21
29	Lead in Soils in Paint Contaminated Residential Sites at San Antonio, Texas, and Baltimore, Maryland. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 77, 643-650.	2.7	20
30	Passive exposures of children to volatile trihalomethanes during domestic cleaning activities of their parents. <i>Environmental Research</i> , 2015, 136, 187-195.	7.5	20
31	Lead fractionation and bioaccessibility in contaminated soils with variable chemical properties. <i>Chemical Speciation and Bioavailability</i> , 2010, 22, 215-225.	2.0	19
32	Antioxidant Enzymes Response in Vetiver Grass: A Greenhouse Study for Chelant-Assisted Phytoremediation of Lead-Contaminated Residential Soils. <i>Clean - Soil, Air, Water</i> , 2011, 39, 428-436.	1.1	19
33	Organocopper complexes during roxarsone degradation in wastewater lagoons. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1167-1173.	5.3	18
34	Influence of household cleaning practices on the magnitude and variability of urinary monochlorinated bisphenol A. <i>Science of the Total Environment</i> , 2014, 490, 254-261.	8.0	18
35	Randomized trial of a portable HEPA air cleaner intervention to reduce asthma morbidity among Latino children in an agricultural community. <i>Environmental Health</i> , 2022, 21, 1.	4.0	18
36	Variability of Tap Water Residual Chlorine and Microbial Counts at Spatially Resolved Points of Use. <i>Environmental Engineering Science</i> , 2014, 31, 193-201.	1.6	17

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37	Prenatal metal mixtures and sex-specific infant negative affectivity. <i>Environmental Epidemiology</i> , 2021, 5, e147.	3.0	16
38	Racial/ethnic and neighborhood disparities in metals exposure during pregnancy in the Northeastern United States. <i>Science of the Total Environment</i> , 2022, 820, 153249.	8.0	16
39	Delineating the degree of association between biomarkers of arsenic exposure and type-2 diabetes mellitus. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 35-49.	4.3	13
40	Co-occurrence profiles of trace elements in potable water systems: a case study. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7307-7320.	2.7	13
41	Evidence of arsenic release promoted by disinfection by-products within drinking-water distribution systems. <i>Science of the Total Environment</i> , 2014, 472, 1145-1151.	8.0	11
42	Obesity-mediated association between exposure to brominated trihalomethanes and type II diabetes mellitus: An exploratory analysis. <i>Science of the Total Environment</i> , 2014, 485-486, 340-347.	8.0	10
43	Limited representation of drinking-water contaminants in pregnancyâ€“birth cohorts. <i>Science of the Total Environment</i> , 2014, 468-469, 165-175.	8.0	10
44	Metal mixtures are associated with increased anxiety during pregnancy. <i>Environmental Research</i> , 2022, 204, 112276.	7.5	9
45	Spatial and seasonal variability of urinary trihalomethanes concentrations in urban settings. <i>Environmental Research</i> , 2014, 135, 289-295.	7.5	8
46	Predicting potentially plant-available lead in contaminated residential sites. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 661-676.	2.7	7
47	Effect of common consumer washing methods on bisphenol A release in tritan drinking bottles. <i>Chemosphere</i> , 2021, 277, 130355.	8.2	7
48	Chelantâ€“assisted Phytostabilization of Paintâ€“contaminated Residential Sites. <i>Clean - Soil, Air, Water</i> , 2010, 38, 803-811.	1.1	6
49	Incorporating potable water sources and use habits into surveys that improve surrogate exposure estimates for water contaminants: the case of bisphenol A. <i>Journal of Water and Health</i> , 2014, 12, 81-93.	2.6	5
50	Mass defect filtering for suspect screening of halogenated environmental chemicals: A case study of chlorinated organophosphate flame retardants. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 503-519.	1.5	5
51	Evaluating inter-study variability in phthalate and trace element analyses within the Childrenâ€™s Health Exposure Analysis Resource (CHEAR) using multivariate control charts. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 318-327.	3.9	5
52	Cohort profile: the Neonatal Intensive Care Unit Hospital Exposures and Long-Term Health (NICU-HEALTH) cohort, a prospective preterm birth cohort in New York City. <i>BMJ Open</i> , 2019, 9, e032758.	1.9	5
53	The association between use of sunscreens and cosmetics and urinary concentrations of the UV filter ethylhexyl-methoxy cinnamate: A pilot biomonitoring study. <i>Biomonitoring</i> , 2014, 1, .	1.0	4
54	Longitudinal measures of phthalate exposure and asthma exacerbation in a rural agricultural cohort of Latino children in Yakima Valley, Washington. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 243, 113954.	4.3	4

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55	Validated single urinary assay designed for exposomic multi-class biomarkers of common environmental exposures. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5943-5966.	3.7	4
56	Do lagoons near concentrated animal feeding operations promote nitrous oxide supersaturation?. <i>Environmental Pollution</i> , 2009, 157, 1957-1960.	7.5	3
57	Exchangeable lead from prediction models relates to vetiver lead uptake in different soil types. <i>Environmental Monitoring and Assessment</i> , 2011, 183, 571-579.	2.7	2
58	Prenatal alcohol exposure can be determined from baby teeth: Proof of concept. <i>Birth Defects Research</i> , 2022, 114, 797-804.	1.5	2
59	Nitrous oxide supersaturation at the liquid/air interface of animal waste. <i>Environmental Pollution</i> , 2009, 157, 3508-3513.	7.5	1
60	A Perspective on Human Exposures to Plastics Additives in Water-Packaging Materials. <i>Journal of Water Resource and Protection</i> , 2013, 05, 25-33.	0.8	1