Konstantinos C Makris

List of Publications by Year
in descending order

125	3,688	109321	155660
papers	citations	35 h-index	55 g-index

129	129	129	4067
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oral ingestion of hexavalent chromium through drinking water and cancer mortality in an industrial area of Greece - An ecological study. Environmental Health, 2011, 10, 50.	4.0	182
2	A pesticide monitoring survey in rivers and lakes of northern Greece and its human and ecotoxicological risk assessment. Ecotoxicology and Environmental Safety, 2015, 116, 1-9.	6.0	154
3	Phosphorus Immobilization in Micropores of Drinking-Water Treatment Residuals:Â Implications for Long-Term Stability. Environmental Science & Technology, 2004, 38, 6590-6596.	10.0	146
4	Physicochemical Properties Related to Long-Term Phosphorus Retention by Drinking-Water Treatment Residuals. Environmental Science & Technology, 2005, 39, 4280-4289.	10.0	126
5	Evaluating a drinking-water waste by-product as a novel sorbent for arsenic. Chemosphere, 2006, 64, 730-741.	8.2	125
6	Effect of solution chemistry on arsenic sorption by Fe- and Al-based drinking-water treatment residuals. Chemosphere, 2010, 78, 1028-1035.	8.2	101
7	Trihalomethanes in Drinking Water and Bladder Cancer Burden in the European Union. Environmental Health Perspectives, 2020, 128, 17001.	6.0	101
8	Pipe Scales and Biofilms in Drinking-Water Distribution Systems: Undermining Finished Water Quality. Critical Reviews in Environmental Science and Technology, 2014, 44, 1477-1523.	12.8	99
9	Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A. Environment International, 2015, 85, 352-379.	10.0	96
10	Aluminum-based drinking-water treatment residuals: A novel sorbent for perchlorate removal. Environmental Pollution, 2006, 140, 9-12.	7.5	86
11	Fate of Arsenic in Swine Waste from Concentrated Animal Feeding Operations. Journal of Environmental Quality, 2008, 37, 1626-1633.	2.0	76
12	Arsenic immobilization in soils amended with drinking-water treatment residuals. Environmental Pollution, 2007, 146, 414-419.	7.5	73
13	Human Exposures to Bisphenol A, Bisphenol F and Chlorinated Bisphenol A Derivatives and Thyroid Function. PLoS ONE, 2016, 11, e0155237.	2.5	69
14	Intraparticle phosphorus diffusion in a drinking water treatment residual at room temperature. Journal of Colloid and Interface Science, 2004, 277, 417-423.	9.4	68
15	Synthesis of phytochelatins in vetiver grass upon lead exposure in the presence of phosphorus. Plant and Soil, 2010, 326, 171-185.	3.7	65
16	High uptake of 2,4,6-trinitrotoluene by vetiver grass â€“ Potential for phytoremediation?. Environmental Pollution, 2007, 146, 1-4.	7.5	63
17	Long-Term Phosphorus Immobilization by a Drinking Water Treatment Residual. Journal of Environmental Quality, 2007, 36, 316-323.	2.0	62
18	Effect of soil properties on arsenic fractionation and bioaccessibility in cattle and sheep dipping vat sites. Environment International, 2007, 33, 164-169.	10.0	61

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19	Vetiver grass is capable of removing TNT from soil in the presence of urea. Environmental Pollution, 2010, 158, 1980-1983.	7.5	60
20	Induction of Leadâ€Binding Phytochelatins in Vetiver Grass [Vetiveria zizanioides (L.)]. Journal of Environmental Quality, 2009, 38, 868-877.	2.0	57
21	Standardized Map of Iodine Status in Europe. Thyroid, 2020, 30, 1346-1354.	4.5	55
22	Association between Water Consumption from Polycarbonate Containers and Bisphenol A Intake during Harsh Environmental Conditions in Summer. Environmental Science & Technology, 2013, 47, 3333-3343.	10.0	54
23	Long-term phosphorus effects on evolving physicochemical properties of iron and aluminum hydroxides. Journal of Colloid and Interface Science, 2005, 287, 552-560.	9.4	52
24	Distribution of Non-Persistent Endocrine Disruptors in Two Different Regions of the Human Brain. International Journal of Environmental Research and Public Health, 2017, 14, 1059.	2.6	49
25	Thyroid Disrupting Chemicals in Plastic Additives and Thyroid Health. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2012, 30, 107-151.	2.9	48
26	Burden of non-communicable diseases among adolescents aged 10â€“24 years in the EU, 1990â€“2019: a systematic analysis of the Global Burden of Diseases Study 2019. The Lancet Child and Adolescent Health, 2022, 6, 367-383.	5.6	48
27	Co-leaching of brominated compounds and antimony from bottled water. Environment International, 2012, 38, 45-53.	10.0	47
28	X-ray absorption spectroscopy as a tool investigating arsenic(III) and arsenic(V) sorption by an aluminum-based drinking-water treatment residual. Journal of Hazardous Materials, 2009, 171, 980-986.	12.4	43
29	Spatial and seasonal variability of tap water disinfection by-products within distribution pipe networks. Science of the Total Environment, 2015, 506-507, 26-35.	8.0	42
30	Occurrence and variability of iodinated trihalomethanes concentrations within two drinking-water distribution networks. Science of the Total Environment, 2016, 543, 505-513.	8.0	42
31	Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain. Scientific Reports, 2018, 8, 8186.	3.3	42
32	A Scoping Review on the Characteristics of Human Exposome Studies. Current Pollution Reports, 2019, 5, 378-393.	6.6	40
33	Chemically catalyzed uptake of 2,4,6-trinitrotoluene by Vetiveria zizanioides. Environmental Pollution, 2007, 148, 101-106.	7.5	39
34	Colloid-mediated vertical phosphorus transport in a waste-amended soil. Geoderma, 2006, 136, 174-183.	5.1	38
35	Household Cleaning Activities as Noningestion Exposure Determinants of Urinary Trihalomethanes. Environmental Science & Technology, 2014, 48, 770-780.	10.0	38
36	Surface arsenic speciation of a drinking-water treatment residual using X-ray absorption spectroscopy. Journal of Colloid and Interface Science, 2007, 311, 544-550.	9.4	37

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37	Harmonization of Human Biomonitoring Studies in Europe: Characteristics of the HBM4EU-Aligned Studies Participants. International Journal of Environmental Research and Public Health, 2022, 19, 6787.	2.6	36
38	Weight gain following treatment of hyperthyroidismâ€"A forgotten tale. Clinical Obesity, 2019, 9, e12328.	2.0	34
39	Bioavailability and Bioaccessibility of Arsenic in a Soil Amended with Drinking-Water Treatment Residuals. Archives of Environmental Contamination and Toxicology, 2009, 57, 755-766.	4.1	33
40	Preliminary evidence of the association between monochlorinated bisphenol A exposure and type II diabetes mellitus: A pilot study. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 243-259.	1.7	32
41	Controlling the Fate of Roxarsone and Inorganic Arsenic in Poultry Litter. Journal of Environmental Quality, 2008, 37, 963-971.	2.0	31
42	A cluster-randomized crossover trial of organic diet impact on biomarkers of exposure to pesticides and biomarkers of oxidative stress/inflammation in primary school children. PLoS ONE, 2019, 14, e0219420.	2.5	31
43	The framework of urban exposome: Application of the exposome concept in urban health studies. Science of the Total Environment, 2018, 636, 963-967.	8.0	28
44	Frequency of use controls chemical leaching from drinking-water containers subject to disinfection. Water Research, 2011, 45, 6677-6687.	11.3	27
45	Spatial characteristics of urinary BTEX concentrations in the general population. Chemosphere, 2017, 173, 261-266.	8.2	27
46	Arsenic Bioaccessibility in a Soil Amended with Drinking-Water Treatment Residuals in the Presence of Phosphorus Fertilizer. Archives of Environmental Contamination and Toxicology, 2007, 53, 329-336.	4.1	26
47	A preliminary assessment of low level arsenic exposure and diabetes mellitus in Cyprus. BMC Public Health, 2012, 12, 334.	2.9	26
48	In Vitro Model Improves the Prediction of Soil Arsenic Bioavailability: Worst-Case Scenario. Environmental Science & Technology, 2008, 42, 6278-6284.	10.0	25
49	Screening of pharmaceuticals and endocrine disrupting compounds in water supplies of Cyprus. Water Science and Technology, 2010, 62, 2720-2728.	2.5	25
50	Tobacco-specific nitrosamines in water: An unexplored environmental health risk. Environment International, 2011, 37, 412-417.	10.0	25
51	Exposome-based public health interventions for infectious diseases in urban settings. Environment International, 2021, 146, 106246.	10.0	23
52	Time dependency and irreversibility of water desorption by drinking-water treatment residuals: Implications for sorption mechanisms. Journal of Colloid and Interface Science, 2006, 294, 151-154.	9.4	22
53	Coupling indigenous biostimulation and phytoremediation for the restoration of 2,4,6-trinitrotoluene-contaminated sites. Journal of Environmental Monitoring, 2010, 12, 399-403.	2.1	22
54	Association of drinking-water source and use characteristics with urinary antimony concentrations. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 120-127.	3.9	21

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55	A sensitive and fast method for trihalomethanes in urine using gas chromatographyâ€“triple quadrupole mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 947-948, 17-22.	2.3	21
56	Association between urinary levels of bisphenol A and its monochlorinated derivative and obesity. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 1169-1179.	1.7	21
57	Passive exposures of children to volatile trihalomethanes during domestic cleaning activities of their parents. Environmental Research, 2015, 136, 187-195.	7.5	20
58	Oxidative stress of glyphosate, AMPA and metabolites of pyrethroids and chlorpyrifos pesticides among primary school children in Cyprus. Environmental Research, 2022, 212, 113316.	7.5	20
59	Arsenic Fractionation and Bioaccessibility in Two Alkaline Texas Soils Incubated with Sodium Arsenate. Archives of Environmental Contamination and Toxicology, 2007, 52, 475-482.	4.1	19
60	Arsenic bioaccessibility and speciation in the soils amended with organoarsenicals and drinking-water treatment residuals based on a long-term greenhouse study. Journal of Hydrology, 2014, 518, 477-485.	5.4	19
61	Organocopper complexes during roxarsone degradation in wastewater lagoons. Environmental Science and Pollution Research, 2010, 17, 1167-1173.	5.3	18
62	Influence of household cleaning practices on the magnitude and variability of urinary monochlorinated bisphenol A. Science of the Total Environment, 2014, 490, 254-261.	8.0	18
63	Relative Efficacy of a Drinkingâ€Water Treatment Residual and Alum in Reducing Phosphorus Release from Poultry Litter. Communications in Soil Science and Plant Analysis, 2005, 36, 2657-2675.	1.4	17
64	Variability of Tap Water Residual Chlorine and Microbial Counts at Spatially Resolved Points of Use. Environmental Engineering Science, 2014, 31, 193-201.	1.6	17
65	Adherence to the Mediterranean diet in Cyprus and its relationship to multi-morbidity: an epidemiological study. Public Health Nutrition, 2021, 24, 4546-4555.	2.2	17
66	Monitoring of air pollution levels related to Charilaos Trikoupis Bridge. Science of the Total Environment, 2017, 609, 1451-1463.	8.0	16
67	Endocrine disrupting chemicals during diet-induced weight loss â€“ A post-hoc analysis of the LOWER study. Environmental Research, 2021, 192, 110262.	7.5	15
68	Iodine status and thyroid nodules in females: a comparison of Cyprus and Romania. Public Health, 2017, 143, 37-43.	2.9	14
69	Time of the day dictates the variability of biomarkers of exposure to disinfection byproducts. Environment International, 2018, 112, 33-40.	10.0	14
70	Exposure to disinfection byproducts and risk of type 2 diabetes: a nested caseâ€“control study in the HUNT and Lifelines cohorts. Metabolomics, 2019, 15, 60.	3.0	14
71	Prevalence of multimorbidity in the Cypriot population; A cross-sectional study (2018â€“2019). PLoS ONE, 2020, 15, e0239835.	2.5	14
72	Delineating the degree of association between biomarkers of arsenic exposure and type-2 diabetes mellitus. International Journal of Hygiene and Environmental Health, 2013, 216, 35-49.	4.3	13

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73	Co-occurrence profiles of trace elements in potable water systems: a case study. Environmental Monitoring and Assessment, 2014, 186, 7307-7320.	2.7	13
74	Urea-facilitated uptake and nitroreductase-mediated transformation of 2,4,6-trinitrotoluene in soil using vetiver grass. Journal of Environmental Chemical Engineering, 2015, 3, 445-452.	6.7	13
75	Inorganic arsenic sorption by drinking-water treatment residual-amended sandy soil: effect of soil solution chemistry. International Journal of Environmental Science and Technology, 2013, 10, 1-10.	3.5	12
76	Assessment of indoor and outdoor air quality in primary schools of Cyprus during the COVIDâ€“19 pandemic measures in Mayâ€“July 2021. Heliyon, 2022, 8, e09354.	3.2	12
77	Evidence of arsenic release promoted by disinfection by-products within drinking-water distribution systems. Science of the Total Environment, 2014, 472, 1145-1151.	8.0	11
78	Coupling external with internal exposure metrics of trihalomethanes in young females from Kuwait and Cyprus. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 140-146.	3.9	11
79	Cohort-friendly protocol for the determination of two urinary biomarkers of exposure to pyrethroids and neonicotinoids using gas chromatography-triple quadrupole mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 5013-5021.	3.7	11
80	Alternative amendment for soluble phosphorus removal from poultry litter. Environmental Science and Pollution Research, 2010, 17, 195-202.	5.3	10
81	Obesity-mediated association between exposure to brominated trihalomethanes and type II diabetes mellitus: An exploratory analysis. Science of the Total Environment, 2014, 485-486, 340-347.	8.0	10
82	Limited representation of drinking-water contaminants in pregnancyâ€“birth cohorts. Science of the Total Environment, 2014, 468-469, 165-175.	8.0	10
83	Exposome changes in primary school children following the wide population non-pharmacological interventions implemented due to COVID-19 in Cyprus: A national survey. EClinicalMedicine, 2021, 32, 100721.	7.1	10
84	Temporal exposure and consistency of endocrine disrupting chemicals in a longitudinal study of individuals with impaired fasting glucose. Environmental Research, 2021, 197, 110901.	7.5	10
85	Quality of Sleep in the Cypriot Population and Its Association With Multimorbidity: A Cross-Sectional Study. Frontiers in Public Health, 2021, 9, 693332.	2.7	10
86	Novel colorimetric method overcoming phosphorus interference during trace arsenic analysis in soil solution. Analyst, The, 2008, 133, 191-196.	3.5	9
87	Association between exposures to brominated trihalomethanes, hepatic injury and type II diabetes mellitus. Environment International, 2016, 92-93, 486-493.	10.0	9
88	Coupling Urinary Trihalomethanes and Metabolomic Profiles of Type II Diabetes: A Case-Control Study. Journal of Proteome Research, 2017, 16, 2743-2751.	3.7	9
89	Biomarkers of end of shift exposure to disinfection byproducts in nurses. Journal of Environmental Sciences, 2017, 58, 217-223.	6.1	9
90	Improving the Risk Assessment of Pesticides through the Integration of Human Biomonitoring and Food Monitoring Data: A Case Study for Chlorpyrifos. Toxics, 2022, 10, 313.	3.7	9

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91	Spatial and seasonal variability of urinary trihalomethanes concentrations in urban settings. Environmental Research, 2014, 135, 289-295.	7.5	8
92	Desynchronized circadian clock and exposures to xenobiotics are associated with differentiated disease phenotypes. BioEssays, 2021, 43, e2100159.	2.5	8
93	Use of metabolomics in refining the effect of an organic food intervention on biomarkers of exposure to pesticides and biomarkers of oxidative damage in primary school children in Cyprus: A cluster-randomized cross-over trial. Environment International, 2022, 158, 107008.	10.0	8
94	Effectiveness of urea in enhancing the extractability of 2,4,6-trinitrotoluene from chemically variant soils. Chemosphere, 2013, 93, 1811-1817.	8.2	7
95	Chaotropic effects on 2,4,6-trinitrotoluene uptake by wheat (Triticum aestivum). Plant and Soil, 2007, 295, 229-237.	3.7	6
96	Antibiotic resistance patterns of Salmonella and Escherichia coli in the groundwater of Cyprus. Environmental Geochemistry and Health, 2012, 34, 391-397.	3.4	6
97	Microbial quality and molecular identification of cultivable microorganisms isolated from an urban drinking water distribution system (Limassol, Cyprus). Environmental Monitoring and Assessment, 2015, 187, 739.	2.7	6
98	Cohort-friendly protocol for a sensitive and fast method for trihalomethanes in urine using gas chromatographyâ€"Triple quadrupole mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 336-340.	2.3	6
99	Incorporating potable water sources and use habits into surveys that improve surrogate exposure estimates for water contaminants: the case of bisphenol A. Journal of Water and Health, 2014, 12, 81-93.	2.6	5
100	Brain cancer cluster investigation around a factory emitting dichloromethane. European Journal of Public Health, 2018, 28, 338-343.	0.3	5
101	Contrasting short-term temperature effects on the profiling of metabolic and stress hormones in non-obese healthy adults: A randomized cross-over trial. Environmental Research, 2020, 182, 109065.	7.5	5
102	Human biomonitoring as a tool for exposure assessment in industrially contaminated sites (ICSs). Lessons learned within the ICS and Health European Network. Epidemiologia E Prevenzione, 2019, 43, 249-259.	1.1	5
103	Application of the urban exposome framework using drinking water and quality of life indicators: a proof-of-concept study in Limassol, Cyprus. PeerJ, 2019, 7, e6851.	2.0	5
104	Using Nitrogen and Carbon Dioxide Molecules To Probe Arsenic(V) Bioaccessibility in Soils. Environmental Science & Technology, 2006, 40, 7732-7738.	10.0	4
105	The association between use of sunscreens and cosmetics and urinary concentrations of the UV filter ethylhexyl-methoxy cinnamate: A pilot biomonitoring study. Biomonitoring, 2014, 1, .	1.0	4
106	Do lagoons near concentrated animal feeding operations promote nitrous oxide supersaturation?. Environmental Pollution, 2009, 157, 1957-1960.	7.5	3
107	A Scoping Review of Technologies and Their Applicability for Exposome-Based Risk Assessment in the Oil and Gas Industry. Annals of Work Exposures and Health, 2021, 65, 1011-1028.	1.4	3
108	Occupational exposures to disinfectants and pre-diabetes status among active nurses in Cyprus. Scandinavian Journal of Work, Environment and Health, 2019, 45, 505-513.	3.4	3

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109	Stakeholdersâ€² Perceptions of Environmental and Public Health Risks Associated with Hydrocarbon Activities in and around the Vasilikos Energy Center, Cyprus. International Journal of Environmental Research and Public Health, 2021, 18, 13133.	2.6	3
110	An exposome-wide association study on body mass index in adolescents using the National Health and Nutrition Examination Survey (NHANES) 2003â€“2004 and 2013â€“2014 data. Scientific Reports, 2022, 12, .	3.3	3
111	Chapter 34 Current trends and future directions in environmental geochemistry research. Developments in Environmental Science, 2007, , 753-757.	0.5	2
112	Investigation of thyroid nodules in the female population in Cyprus and in Romania. Medicine and Pharmacy Reports, 2015, 88, 494-499.	0.4	2
113	A randomized cross-over trial investigating differences in 24-h personal air and skin temperatures using wearable sensors between two climatologically contrasting settings. Scientific Reports, 2021, 11, 22020.	3.3	2
114	Diurnal Variation in Biomarkers of Exposure to Endocrine-Disrupting Chemicals and Their Association with Oxidative Damage in Norwegian Adults: The EuroMix Study. Toxics, 2022, 10, 181.	3.7	2
115	Nitrous oxide supersaturation at the liquid/air interface of animal waste. Environmental Pollution, 2009, 157, 3508-3513.	7.5	1
116	Chapter 15 Effects of incubation time and arsenic load on arsenic bioaccessibility in three Florida soils amended with sodium arsenate. Developments in Environmental Science, 2007, , 327-343.	0.5	0
117	The Exposome Paradigm and its Applications in Health and Safety Aspects of Hydrocarbons Operations in the Eastern Mediterranean. Environmental Epidemiology, 2019, 3, 257.	3.0	0
118	The impact of COVID-19 response measures on the quality of life for children in the Eastern Mediterranean region using an exposome approach: a narrative review. Journal of Global Health Reports, 0, , .	1.0	0
119	Engaging with stakeholders in hydrocarbons activities â€“ the case of Vasilikos Energy Center in Cyprus. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
120	Wearable sensor-based air and skin temperature (micro)environments during summer: a post hoc randomized 2x2 cross-over trial analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
121	An environment wide association study on body mass index in adolescents using 2003-2004 and 2013-2014 NHANES data. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
122	Metabolomics profiles associated with an organic diet intervention in school children in Limassol, Cyprus: A cluster-randomized cross-over trial. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
123	A Cross-Over Health Intervention Trial of Children Consuming an Organic Diet. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
124	Brain Cancer Cluster Investigation Around a Factory Emitting Dichloromethane. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
125	The Lifestyle Profile of Individuals with Cardiovascular and Endocrine Diseases in Cyprus: A Hierarchical, Classification Analysis. Nutrients, 2022, 14, 1559.	4.1	0