

Konstantinos C Makris

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

3,688
citations

109321

35
h-index

155660

55
g-index

129
all docs

129
docs citations

129
times ranked

4067
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Environment International</i> , 2022, 158, 107008.	10.0	8
2	Burden of non-communicable diseases among adolescents aged 10–24 years in the EU, 1990–2019: a systematic analysis of the Global Burden of Diseases Study 2019. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 367-383.	5.6	48
3	The Lifestyle Profile of Individuals with Cardiovascular and Endocrine Diseases in Cyprus: A Hierarchical, Classification Analysis. <i>Nutrients</i> , 2022, 14, 1559.	4.1	0
4	Diurnal Variation in Biomarkers of Exposure to Endocrine-Disrupting Chemicals and Their Association with Oxidative Damage in Norwegian Adults: The EuroMix Study. <i>Toxics</i> , 2022, 10, 181.	3.7	2
5	Oxidative stress of glyphosate, AMPA and metabolites of pyrethroids and chlorpyrifos pesticides among primary school children in Cyprus. <i>Environmental Research</i> , 2022, 212, 113316.	7.5	20
6	Assessment of indoor and outdoor air quality in primary schools of Cyprus during the COVID-19 pandemic measures in May–July 2021. <i>Heliyon</i> , 2022, 8, e09354.	3.2	12
7	An exposome-wide association study on body mass index in adolescents using the National Health and Nutrition Examination Survey (NHANES) 2003–2004 and 2013–2014 data. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
8	Harmonization of Human Biomonitoring Studies in Europe: Characteristics of the HBM4EU-Aligned Studies Participants. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6787.	2.6	36
9	Improving the Risk Assessment of Pesticides through the Integration of Human Biomonitoring and Food Monitoring Data: A Case Study for Chlorpyrifos. <i>Toxics</i> , 2022, 10, 313.	3.7	9
10	Adherence to the Mediterranean diet in Cyprus and its relationship to multi-morbidity: an epidemiological study. <i>Public Health Nutrition</i> , 2021, 24, 4546-4555.	2.2	17
11	Endocrine disrupting chemicals during diet-induced weight loss – A post-hoc analysis of the LOWER study. <i>Environmental Research</i> , 2021, 192, 110262.	7.5	15
12	Exposome-based public health interventions for infectious diseases in urban settings. <i>Environment International</i> , 2021, 146, 106246.	10.0	23
13	Exposome changes in primary school children following the wide population non-pharmacological interventions implemented due to COVID-19 in Cyprus: A national survey. <i>EClinicalMedicine</i> , 2021, 32, 100721.	7.1	10
14	Temporal exposure and consistency of endocrine disrupting chemicals in a longitudinal study of individuals with impaired fasting glucose. <i>Environmental Research</i> , 2021, 197, 110901.	7.5	10
15	A Scoping Review of Technologies and Their Applicability for Exposome-Based Risk Assessment in the Oil and Gas Industry. <i>Annals of Work Exposures and Health</i> , 2021, 65, 1011-1028.	1.4	3
16	Engaging with stakeholders in hydrocarbons activities – the case of Vasilikos Energy Center in Cyprus. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
17	Wearable sensor-based air and skin temperature (micro)environments during summer: a post hoc randomized 2x2 cross-over trial analysis. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
18	An environment wide association study on body mass index in adolescents using 2003-2004 and 2013-2014 NHANES data. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0

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19	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
20	Desynchronized circadian clock and exposures to xenobiotics are associated with differentiated disease phenotypes. BioEssays, 2021, 43, e2100159.	2.5	8
21	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
22	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
23	Stakeholders's 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
24	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
25	Standardized Map of Iodine Status in Europe. Thyroid, 2020, 30, 1346-1354.	4.5	55
26	Trihalomethanes in Drinking Water and Bladder Cancer Burden in the European Union. Environmental Health Perspectives, 2020, 128, 17001.	6.0	101
27	Prevalence of multimorbidity in the Cypriot population; A cross-sectional study (2018-2019). PLoS ONE, 2020, 15, e0239835.	2.5	14
28	Weight gain following treatment of hyperthyroidism- A forgotten tale. Clinical Obesity, 2019, 9, e12328.	2.0	34
29	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
30	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
31	Exposure to disinfection byproducts and risk of type 2 diabetes: a nested case-control study in the HUNT and Lifelines cohorts. Metabolomics, 2019, 15, 60.	3.0	14
32	A Scoping Review on the Characteristics of Human Exposome Studies. Current Pollution Reports, 2019, 5, 378-393.	6.6	40
33	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
34	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
35	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
36	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

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37	Brain cancer cluster investigation around a factory emitting dichloromethane. <i>European Journal of Public Health</i> , 2018, 28, 338-343.	0.3	5
38	Cohort-friendly protocol for a sensitive and fast method for trihalomethanes in urine using gas chromatography–Triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 336-340.	2.3	6
39	Time of the day dictates the variability of biomarkers of exposure to disinfection byproducts. <i>Environment International</i> , 2018, 112, 33-40.	10.0	14
40	Coupling external with internal exposure metrics of trihalomethanes in young females from Kuwait and Cyprus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 140-146.	3.9	11
41	Possible Obesogenic Effects of Bisphenols Accumulation in the Human Brain. <i>Scientific Reports</i> , 2018, 8, 8186.	3.3	42
42	The framework of urban exposome: Application of the exposome concept in urban health studies. <i>Science of the Total Environment</i> , 2018, 636, 963-967.	8.0	28
43	A Cross-Over Health Intervention Trial of Children Consuming an Organic Diet. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	0
44	Brain Cancer Cluster Investigation Around a Factory Emitting Dichloromethane. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	0
45	Spatial characteristics of urinary BTEX concentrations in the general population. <i>Chemosphere</i> , 2017, 173, 261-266.	8.2	27
46	Coupling Urinary Trihalomethanes and Metabolomic Profiles of Type II Diabetes: A Case-Control Study. <i>Journal of Proteome Research</i> , 2017, 16, 2743-2751.	3.7	9
47	Iodine status and thyroid nodules in females: a comparison of Cyprus and Romania. <i>Public Health</i> , 2017, 143, 37-43.	2.9	14
48	Monitoring of air pollution levels related to Charilaos Trikoupis Bridge. <i>Science of the Total Environment</i> , 2017, 609, 1451-1463.	8.0	16
49	Biomarkers of end of shift exposure to disinfection byproducts in nurses. <i>Journal of Environmental Sciences</i> , 2017, 58, 217-223.	6.1	9
50	Distribution of Non-Persistent Endocrine Disruptors in Two Different Regions of the Human Brain. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1059.	2.6	49
51	Human Exposures to Bisphenol A, Bisphenol F and Chlorinated Bisphenol A Derivatives and Thyroid Function. <i>PLoS ONE</i> , 2016, 11, e0155237.	2.5	69
52	Association between exposures to brominated trihalomethanes, hepatic injury and type II diabetes mellitus. <i>Environment International</i> , 2016, 92-93, 486-493.	10.0	9
53	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
54	Microbial quality and molecular identification of cultivable microorganisms isolated from an urban drinking water distribution system (Limassol, Cyprus). <i>Environmental Monitoring and Assessment</i> , 2015, 187, 739.	2.7	6

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55	Urea-facilitated uptake and nitroreductase-mediated transformation of 2,4,6-trinitrotoluene in soil using vetiver grass. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 445-452.	6.7	13
56	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
57	A pesticide monitoring survey in rivers and lakes of northern Greece and its human and ecotoxicological risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2015, 116, 1-9.	6.0	154
58	Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A. <i>Environment International</i> , 2015, 85, 352-379.	10.0	96
59	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
60	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
61	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
62	Investigation of thyroid nodules in the female population in Cyprus and in Romania. <i>Medicine and Pharmacy Reports</i> , 2015, 88, 494-499.	0.4	2
63	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
64	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
65	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
66	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
67	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
68	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
69	Spatial and seasonal variability of urinary trihalomethanes concentrations in urban settings. <i>Environmental Research</i> , 2014, 135, 289-295.	7.5	8
70	Household Cleaning Activities as Noningestion Exposure Determinants of Urinary Trihalomethanes. <i>Environmental Science & Technology</i> , 2014, 48, 770-780.	10.0	38
71	Arsenic bioaccessibility and speciation in the soils amended with organoarsenicals and drinking-water treatment residuals based on a long-term greenhouse study. <i>Journal of Hydrology</i> , 2014, 518, 477-485.	5.4	19
72	A sensitive and fast method for trihalomethanes in urine using gas chromatography–triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 947-948, 17-22.	2.3	21

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73	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
74	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
75	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
76	Effectiveness of urea in enhancing the extractability of 2,4,6-trinitrotoluene from chemically variant soils. <i>Chemosphere</i> , 2013, 93, 1811-1817.	8.2	7
77	Inorganic arsenic sorption by drinking-water treatment residual-amended sandy soil: effect of soil solution chemistry. <i>International Journal of Environmental Science and Technology</i> , 2013, 10, 1-10.	3.5	12
78	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
79	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
80	Association between Water Consumption from Polycarbonate Containers and Bisphenol A Intake during Harsh Environmental Conditions in Summer. <i>Environmental Science & Technology</i> , 2013, 47, 3333-3343.	10.0	54
81	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
82	Co-leaching of brominated compounds and antimony from bottled water. <i>Environment International</i> , 2012, 38, 45-53.	10.0	47
83	A preliminary assessment of low level arsenic exposure and diabetes mellitus in Cyprus. <i>BMC Public Health</i> , 2012, 12, 334.	2.9	26
84	Antibiotic resistance patterns of Salmonella and Escherichia coli in the groundwater of Cyprus. <i>Environmental Geochemistry and Health</i> , 2012, 34, 391-397.	3.4	6
85	Tobacco-specific nitrosamines in water: An unexplored environmental health risk. <i>Environment International</i> , 2011, 37, 412-417.	10.0	25
86	Frequency of use controls chemical leaching from drinking-water containers subject to disinfection. <i>Water Research</i> , 2011, 45, 6677-6687.	11.3	27
87	Oral ingestion of hexavalent chromium through drinking water and cancer mortality in an industrial area of Greece - An ecological study. <i>Environmental Health</i> , 2011, 10, 50.	4.0	182
88	Alternative amendment for soluble phosphorus removal from poultry litter. <i>Environmental Science and Pollution Research</i> , 2010, 17, 195-202.	5.3	10
89	Organocopper complexes during roxarsone degradation in wastewater lagoons. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1167-1173.	5.3	18
90	Synthesis of phytochelatin in vetiver grass upon lead exposure in the presence of phosphorus. <i>Plant and Soil</i> , 2010, 326, 171-185.	3.7	65

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91	Vetiver grass is capable of removing TNT from soil in the presence of urea. <i>Environmental Pollution</i> , 2010, 158, 1980-1983.	7.5	60
92	Screening of pharmaceuticals and endocrine disrupting compounds in water supplies of Cyprus. <i>Water Science and Technology</i> , 2010, 62, 2720-2728.	2.5	25
93	Effect of solution chemistry on arsenic sorption by Fe- and Al-based drinking-water treatment residuals. <i>Chemosphere</i> , 2010, 78, 1028-1035.	8.2	101
94	Coupling indigenous biostimulation and phytoremediation for the restoration of 2,4,6-trinitrotoluene-contaminated sites. <i>Journal of Environmental Monitoring</i> , 2010, 12, 399-403.	2.1	22
95	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
96	Bioavailability and Bioaccessibility of Arsenic in a Soil Amended with Drinking-Water Treatment Residuals. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 755-766.	4.1	33
97	X-ray absorption spectroscopy as a tool investigating arsenic(III) and arsenic(V) sorption by an aluminum-based drinking-water treatment residual. <i>Journal of Hazardous Materials</i> , 2009, 171, 980-986.	12.4	43
98	Do lagoons near concentrated animal feeding operations promote nitrous oxide supersaturation?. <i>Environmental Pollution</i> , 2009, 157, 1957-1960.	7.5	3
99	Nitrous oxide supersaturation at the liquid/air interface of animal waste. <i>Environmental Pollution</i> , 2009, 157, 3508-3513.	7.5	1
100	Novel colorimetric method overcoming phosphorus interference during trace arsenic analysis in soil solution. <i>Analyst</i> , 2008, 133, 191-196.	3.5	9
101	In Vitro Model Improves the Prediction of Soil Arsenic Bioavailability: Worst-Case Scenario. <i>Environmental Science & Technology</i> , 2008, 42, 6278-6284.	10.0	25
102	Fate of Arsenic in Swine Waste from Concentrated Animal Feeding Operations. <i>Journal of Environmental Quality</i> , 2008, 37, 1626-1633.	2.0	76
103	Controlling the Fate of Roxarsone and Inorganic Arsenic in Poultry Litter. <i>Journal of Environmental Quality</i> , 2008, 37, 963-971.	2.0	31
104	Chapter 34 Current trends and future directions in environmental geochemistry research. <i>Developments in Environmental Science</i> , 2007, , 753-757.	0.5	2
105	Chapter 15 Effects of incubation time and arsenic load on arsenic bioaccessibility in three Florida soils amended with sodium arsenate. <i>Developments in Environmental Science</i> , 2007, , 327-343.	0.5	0
106	Effect of soil properties on arsenic fractionation and bioaccessibility in cattle and sheep dipping vat sites. <i>Environment International</i> , 2007, 33, 164-169.	10.0	61
107	High uptake of 2,4,6-trinitrotoluene by vetiver grass – Potential for phytoremediation?. <i>Environmental Pollution</i> , 2007, 146, 1-4.	7.5	63
108	Arsenic immobilization in soils amended with drinking-water treatment residuals. <i>Environmental Pollution</i> , 2007, 146, 414-419.	7.5	73

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109	Chemically catalyzed uptake of 2,4,6-trinitrotoluene by <i>Vetiveria zizanioides</i> . <i>Environmental Pollution</i> , 2007, 148, 101-106.	7.5	39
110	Long-Term Phosphorus Immobilization by a Drinking Water Treatment Residual. <i>Journal of Environmental Quality</i> , 2007, 36, 316-323.	2.0	62
111	Surface arsenic speciation of a drinking-water treatment residual using X-ray absorption spectroscopy. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 544-550.	9.4	37
112	Arsenic Fractionation and Bioaccessibility in Two Alkaline Texas Soils Incubated with Sodium Arsenate. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 475-482.	4.1	19
113	Arsenic Bioaccessibility in a Soil Amended with Drinking-Water Treatment Residuals in the Presence of Phosphorus Fertilizer. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 329-336.	4.1	26
114	Chaotropic effects on 2,4,6-trinitrotoluene uptake by wheat (<i>Triticum aestivum</i>). <i>Plant and Soil</i> , 2007, 295, 229-237.	3.7	6
115	Using Nitrogen and Carbon Dioxide Molecules To Probe Arsenic(V) Bioaccessibility in Soils. <i>Environmental Science & Technology</i> , 2006, 40, 7732-7738.	10.0	4
116	Evaluating a drinking-water waste by-product as a novel sorbent for arsenic. <i>Chemosphere</i> , 2006, 64, 730-741.	8.2	125
117	Colloid-mediated vertical phosphorus transport in a waste-amended soil. <i>Geoderma</i> , 2006, 136, 174-183.	5.1	38
118	Aluminum-based drinking-water treatment residuals: A novel sorbent for perchlorate removal. <i>Environmental Pollution</i> , 2006, 140, 9-12.	7.5	86
119	Time dependency and irreversibility of water desorption by drinking-water treatment residuals: Implications for sorption mechanisms. <i>Journal of Colloid and Interface Science</i> , 2006, 294, 151-154.	9.4	22
120	Long-term phosphorus effects on evolving physicochemical properties of iron and aluminum hydroxides. <i>Journal of Colloid and Interface Science</i> , 2005, 287, 552-560.	9.4	52
121	Relative Efficacy of a Drinking Water Treatment Residual and Alum in Reducing Phosphorus Release from Poultry Litter. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 36, 2657-2675.	1.4	17
122	Physicochemical Properties Related to Long-Term Phosphorus Retention by Drinking-Water Treatment Residuals. <i>Environmental Science & Technology</i> , 2005, 39, 4280-4289.	10.0	126
123	Intraparticle phosphorus diffusion in a drinking water treatment residual at room temperature. <i>Journal of Colloid and Interface Science</i> , 2004, 277, 417-423.	9.4	68
124	Phosphorus Immobilization in Micropores of Drinking-Water Treatment Residuals: Implications for Long-Term Stability. <i>Environmental Science & Technology</i> , 2004, 38, 6590-6596.	10.0	146
125	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. <i>Journal of Global Health Reports</i> , 0, , .	1.0	0