

# Zdravko Spiric

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,618  
citations

361045

20  
h-index

288905

40  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutrient Intake during Pregnancy and Adherence to Dietary Recommendations: The Mediterranean PHIME Cohort. <i>Nutrients</i> , 2021, 13, 1434.	1.7	10
2	Pregnancy exposome and child psychomotor development in three European birth cohorts. <i>Environmental Research</i> , 2020, 181, 108856.	3.7	18
3	Study of nitrogen pollution in the Republic of North Macedonia by moss biomonitoring and Kjeldahl method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020, 55, 759-764.	0.9	9
4	Trace elements and APOE polymorphisms in pregnant women and their new-borns. <i>Environment International</i> , 2020, 143, 105626.	4.8	8
5	Prenatal mercury exposure and child neurodevelopment outcomes at 18 months: Results from the Mediterranean PHIME cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 9-21.	2.1	47
6	Mercury speciation in prenatal exposure in Slovenian and Croatian population – PHIME study. <i>Environmental Research</i> , 2019, 177, 108627.	3.7	11
7	Prenatal selenium status, neonatal cerebellum measures and child neurodevelopment at the age of 18 months. <i>Environmental Research</i> , 2019, 176, 108529.	3.7	21
8	Combined prenatal exposure to mercury and LCPUFA on newborn's brain measures and neurodevelopment at the age of 18 months. <i>Environmental Research</i> , 2019, 178, 108682.	3.7	6
9	Mercury speciation in meconium and associated factors. <i>Environmental Research</i> , 2019, 179, 108724.	3.7	4
10	Arsenic metabolites; selenium; and AS3MT, MTHFR, AQP4, AQP9, SELENOP, INMT, and MT2A polymorphisms in Croatian-Slovenian population from PHIME-CROME study. <i>Environmental Research</i> , 2019, 170, 301-319.	3.7	32
11	Biomarkers of exposure in environment-wide association studies – Opportunities to decode the exposome using human biomonitoring data. <i>Environmental Research</i> , 2018, 164, 597-624.	3.7	60
12	Platinum, palladium, rhodium, molybdenum and strontium in blood of urban women in nine countries. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 223-230.	2.1	18
13	Modelling spatial patterns of correlations between concentrations of heavy metals in mosses and atmospheric deposition in 2010 across Europe. <i>Environmental Sciences Europe</i> , 2018, 30, 53.	2.6	15
14	Modelling and mapping heavy metal and nitrogen concentrations in moss in 2010 throughout Europe by applying Random Forests models. <i>Atmospheric Environment</i> , 2017, 156, 146-159.	1.9	22
15	Bioindication and modelling of atmospheric deposition in forests enable exposure and effect monitoring at high spatial density across scales. <i>Annals of Forest Science</i> , 2017, 74, 1.	0.8	7
16	Prenatal exposure to low-level methylmercury alters the child's fine motor skills at the age of 18 months. <i>Environmental Research</i> , 2017, 152, 369-374.	3.7	31
17	Prenatal mercury exposure, neurodevelopment and apolipoprotein E genetic polymorphism. <i>Environmental Research</i> , 2017, 152, 375-385.	3.7	53
18	Spatially valid data of atmospheric deposition of heavy metals and nitrogen derived by moss surveys for pollution risk assessments of ecosystems. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10457-10476.	2.7	35

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19	Mercury in Eisenia fetida and soil in the vicinity of a natural gas treatment plant in northern Croatia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 114-120.	0.9	1
20	Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010. Environmental Pollution, 2015, 200, 93-104.	3.7	136
21	Accumulated Metals and Metallothionein Expression in Organs of Hares (Lepus europaeus Pallas) Within Natural Gas Fields of Podravina, Croatia. Archives of Environmental and Occupational Health, 2015, 70, 126-132.	0.7	3
22	Study of nitrogen pollution in Croatia by moss biomonitring and Kjeldahl method. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1402-1408.	0.9	8
23	Influence of cadmium on metallothionein expression and products of lipid peroxidation in the organs of hares ( <i>Lepus europaeus</i> Pallas). Journal of Applied Toxicology, 2014, 34, 289-295.	1.4	9
24	Relationship between MODIS based Aerosol Optical Depth and PM10 over Croatia. Open Geosciences, 2014, 6, .	0.6	15
25	A compilation of field surveys on gaseous elemental mercury (GEM) from contrasting environmental settings in Europe, South America, South Africa and China: separating fads from facts. Environmental Geochemistry and Health, 2014, 36, 713-734.	1.8	49
26	Biomonitoring of air pollution with mercury in Croatia by using moss species and CV-AAS. Environmental Monitoring and Assessment, 2014, 186, 4357-4366.	1.3	9
27	Mercury, arsenic and selenium exposure levels in relation to fish consumption in the Mediterranean area. Environmental Research, 2013, 120, 7-17.	3.7	134
28	Effects of mercury on glutathione and glutathione-dependent enzymes in hares ( <i>Lepus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td Substances and Environmental Engineering, 2013, 48, 1325-1332.	0.9	12
29	Air Pollution Study in Croatia Using Moss Biomonitring and ICP-AES and AAS Analytical Techniques. Archives of Environmental Contamination and Toxicology, 2013, 65, 33-46.	2.1	41
30	Cadmium, mercury and lead in the blood of urban women in Croatia, the Czech Republic, Poland, Slovakia, Slovenia, Sweden, China, Ecuador and Morocco. International Journal of Occupational Medicine and Environmental Health, 2013, 26, 58-72.	0.6	40
31	The Study on Air Pollution with Nickel and Vanadium in Croatia by Using Moss Biomonitring and ICP-AES. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 481-487.	1.3	10
32	Mercury in pheasant ( <i>Phasianus colchicus</i> ) organs in Podravina, Croatia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 394-399.	0.9	4
33	Moss biomonitring of air pollution with chromium in Croatia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 829-834.	0.9	12
34	Neurodevelopmental Effects of Low-level Prenatal Mercury Exposure From Maternal Fish Consumption in a Mediterranean Cohort: Study Rationale and Design. Journal of Epidemiology, 2013, 23, 146-152.	1.1	40
35	Multi-element atmospheric deposition study in Croatia. International Journal of Environmental Analytical Chemistry, 2012, 92, 1200-1214.	1.8	26
36	Mercury in hares organs ( <i>Lepus europaeus</i> Pallas) in the vicinity of the mercury-contaminated natural gas treatment plant in Croatia. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 77-83.	0.9	13

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37	Blood cadmium, mercury, and lead in children: An international comparison of cities in six European countries, and China, Ecuador, and Morocco. <i>Environment International</i> , 2012, 41, 29-34.	4.8	105
38	Country-specific correlations across Europe between modelled atmospheric cadmium and lead deposition and concentrations in mosses. <i>Environmental Pollution</i> , 2012, 166, 1-9.	3.7	85
39	Warfare Ecology. NATO Science for Peace and Security Series C: Environmental Security, 2011, , .	0.1	16
40	Relationship between the prenatal exposure to low-level of mercury and the size of a newborn's cerebellum. <i>Medical Hypotheses</i> , 2011, 76, 514-516.	0.8	33
41	Territory Spoiled by Blasting Mines – A Croatian Case Study. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 211-217.	0.1	0
42	Introduction: A New Synthesis. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 1-7.	0.1	0
43	Are cadmium, lead and mercury concentrations in mosses across Europe primarily determined by atmospheric deposition of these metals?. <i>Journal of Soils and Sediments</i> , 2010, 10, 1572-1584.	1.5	60
44	Mosses as biomonitors of atmospheric heavy metal deposition: Spatial patterns and temporal trends in Europe. <i>Environmental Pollution</i> , 2010, 158, 3144-3156.	3.7	272
45	Are cadmium, lead and mercury concentrations in mosses across Europe primarily determined by atmospheric deposition of these metals?. , 2010, 10, 1572.		1
46	Longitudinal Cohort Study of Prenatal Exposure to Mercury in the Mediterranean Region. <i>Epidemiology</i> , 2009, 20, S251.	1.2	0
47	Innovative Approach to the Mercury Control During Natural Gas Processing. , 2001, , .		8
48	Mercury measurements in ambient air near natural gas processing facilities. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 366, 429-432.	1.5	22
49	Mercury and other elements in lichens near the INA Naftaplin gas treatment plant, Molve, Croatia. <i>Journal of Environmental Monitoring</i> , 2000, 2, 139-144.	2.1	46