

# Discovering hidden spatial patterns and their associations with potentially toxic elements in topsoil using hot spot analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of industrial agglomeration and environmental regulation on urban ecological efficiency: evidence from 269 cities in China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 66389-66408.	5.3	27
2	Compositional and source patterns of potentially toxic elements (PTEs) in soils in southwestern Ghana using robust compositional contamination index (RCCI) and k-means cluster analysis. <i>Environmental Challenges</i> , 2021, 5, 100248.	4.2	13
3	Antimony, beryllium, cobalt, and vanadium in urban park soils in Beijing: Machine learning-based source identification and health risk-based soil environmental criteria. <i>Environmental Pollution</i> , 2022, 293, 118554.	7.5	26
4	A new risk zoning method for water inrush from separated layers at coal mines: a case study, Cuimu coal mine, China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
5	Exploration of the spatially varying relationships between lead and aluminium concentrations in the topsoil of northern half of Ireland using Geographically Weighted Pearson Correlation Coefficient. <i>Geoderma</i> , 2022, 409, 115640.	5.1	12
6	Development and applications of GIS-based spatial analysis in environmental geochemistry in the big data era. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1079-1090.	3.4	10
7	Soils of the Ribeira Valley (Brazil) as Environmental Protection Barriers: Characterization and Adsorption of Lead and Cadmium. <i>Sustainability</i> , 2022, 14, 5135.	3.2	1
8	Risk assessment and driving factors of trace metal(loid)s in soils of China. <i>Environmental Pollution</i> , 2022, 309, 119772.	7.5	13
9	Using a Sensitivity Analysis and Spatial Clustering to Determine Vulnerability to Potentially Toxic Elements in a Semiarid City in Northwest Mexico. <i>Sustainability</i> , 2022, 14, 10461.	3.2	4
10	Biogeochemical prospecting for gold at the Yellowknife City Gold Project, Northwest Territories, Canada: Part 1 - Species optimization. <i>Applied Geochemistry</i> , 2022, 145, 105423.	3.0	3
11	Understanding the distribution, source-pattern and geochemical controls of soils in an artisanal mine site during a ban on illegal mining activities: Is a ban an absolute solution?. <i>Soil Security</i> , 2022, 9, 100078.	2.3	1
12	An overview of plutonium isotopes in soils, China: Distribution, spatial patterns, and sources. <i>Environmental Research</i> , 2022, , 114677.	7.5	1
13	Habitat quality dynamics in China's first group of national parks in recent four decades: Evidence from land use and land cover changes. <i>Journal of Environmental Management</i> , 2023, 325, 116505.	7.8	27
14	Comparative analysis of nitrate evolution patterns during pollution episodes: Method development and results from Tianjin, China. <i>Science of the Total Environment</i> , 2023, 857, 159436.	8.0	1
15	Spatio-temporal characteristics of soil Cd pollution and its influencing factors: A Geographically and temporally weighted regression (GTWR) method. <i>Journal of Hazardous Materials</i> , 2023, 446, 130613.	12.4	19
16	Spatiotemporal characteristics and influencing factors of the coupling coordinated development of production-living-ecology system in China. <i>Ecological Indicators</i> , 2022, 145, 109738.	6.3	9
17	Identification of soil parent materials in naturally high background areas based on machine learning. <i>Science of the Total Environment</i> , 2023, 875, 162684.	8.0	4
18	Spatial prediction of soil contamination based on machine learning: a review. <i>Frontiers of Environmental Science and Engineering</i> , 2023, 17, .	6.0	3

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19	Identification of the spatial patterns and controlling factors of Se in soil and rice in Guangxi through hot spot analysis. <i>Environmental Geochemistry and Health</i> , 2023, 45, 4477-4492.	3.4	2
20	Detecting Urban Commercial Districts by Fusing Points of Interest and Population Heat Data with Region-Growing Algorithms. <i>ISPRS International Journal of Geo-Information</i> , 2023, 12, 96.	2.9	1
21	Identification of possible sources for potentially toxic elements and polycyclic aromatic hydrocarbons and their spatially varying relationships in urban soils of Dublin, Ireland. <i>Environmental Pollution</i> , 2023, 333, 122034.	7.5	2
22	China's National Park Construction Contributes to Carbon Peaking and Neutrality Goals. <i>Land</i> , 2023, 12, 1402.	2.9	0
23	An integrated overview of metals contamination, source-specific risks investigation in coal mining vicinity soils. <i>Environmental Geochemistry and Health</i> , 2023, 45, 7425-7458.	3.4	0
24	Optimising Urban Freight Logistics Using Discrete-Event Simulation and Cluster Analysis: A Stochastic Two-Tier Hub-and-Spoke Architecture Approach. <i>Smart Cities</i> , 2023, 6, 2347-2366.	9.4	0
25	Applying machine learning to model radon using topsoil geochemistry. <i>Applied Geochemistry</i> , 2023, 158, 105790.	3.0	0
26	Cadmium accumulation in paddy soils affected by geological weathering and mining: Spatial distribution patterns, bioaccumulation prediction, and safe land usage. <i>Journal of Hazardous Materials</i> , 2023, 460, 132483.	12.4	1
27	Source-sink response analysis of heavy metals and soil pollution assessment in non-ferrous metal industrial agglomeration areas based on decision unit. <i>Science of the Total Environment</i> , 2024, 906, 167437.	8.0	2
28	Spatiotemporal evolution and trend prediction of regional water-energy-food-ecology system vulnerability: a case study of the Yangtze River Economic Belt, China. <i>Environmental Geochemistry and Health</i> , 2023, 45, 9621-9638.	3.4	1
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31	Heavy Metal(Loid)s Contamination of Groundwater in Khyber District, Pakistan: Spatial Dependence, Source Apportionment, and Human Exposure. <i>Environmental Forensics</i> , 0, , 1-15.	2.6	0
32	A new model based on coupling coordination analysis incorporates the development rate for urbanization and ecosystem services assessment: A case of the Yangtze River Delta. <i>Ecological Indicators</i> , 2024, 159, 111596.	6.3	1
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34	The Application of Local Moran's I and Getis-Ord Gi* to Identify Spatial Patterns and Critical Source Areas of Agricultural Nonpoint Source Pollution. <i>Journal of Environmental Engineering, ASCE</i> , 2024, 150, .	1.4	0
35	Intricate synergistic effects between air pollution and carbon emission: An emerging evidence from China. <i>Environmental Pollution</i> , 2024, 349, 123851.	7.5	0
36	A Review of Machine Learning Techniques in Agroclimatic Studies. <i>Agriculture (Switzerland)</i> , 2024, 14, 481.	3.1	0