

# Peter N Eze

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	443 citations	10 h-index	20 g-index
33 ext. papers	564 ext. citations	3.9 avg, IF	4.18 L-index

#	Paper	IF	Citations
31	Soil Development in the Eastern Hardveld. <i>World Geomorphological Landscapes</i> , <b>2022</b> , 327-344	0.4	
30	An in-depth human health risk assessment of potentially toxic elements in highly polluted riverine soils, Píbram (Czech Republic). <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 1	4.7	4
29	Self-organizing map artificial neural networks and sequential Gaussian simulation technique for mapping potentially toxic element hotspots in polluted mining soils. <i>Journal of Geochemical Exploration</i> , <b>2021</b> , 222, 106680	3.8	10
28	Comparison of multivariate methods for arsenic estimation and mapping in floodplain soil via portable X-ray fluorescence spectroscopy. <i>Geoderma</i> , <b>2021</b> , 384, 114792	6.7	13
27	Geochemistry of soils of a deep pedon in the Okavango Delta, NW Botswana: Implications for pedogenesis in semi-arid regions. <i>Geoderma Regional</i> , <b>2021</b> , 24, e00352	2.7	3
26	Efficiency of the t-distribution stochastic neighbor embedding technique for detailed visualization and modeling interactions between agricultural soil quality indicators. <i>Biosystems Engineering</i> , <b>2021</b> , 210, 282-298	4.8	3
25	Accumulation of organic carbon in various soil aggregate sizes under different land use systems in a semi-arid environment. <i>Agriculture, Ecosystems and Environment</i> , <b>2020</b> , 297, 106924	5.7	25
24	Soil properties influence bacterial abundance and diversity under different land-use regimes in semi-arid environments. <i>Scientific African</i> , <b>2020</b> , 7, e00246	1.7	14
23	Structural equation modeling of the interactions between trace elements and soil organic matter in semiarid soils. <i>International Journal of Environmental Science and Technology</i> , <b>2020</b> , 17, 2205-2214	3.3	6
22	Advances in Nanoscale Study of Organomineral Complexes of Termite Mounds and Associated Soils: A Systematic Review. <i>Applied and Environmental Soil Science</i> , <b>2020</b> , 2020, 1-9	3.8	1
21	Land degradation assessment in an African dryland context based on the Composite Land Degradation Index and mapping method. <i>Geocarto International</i> , <b>2019</b> , 1-17	2.7	6
20	Gaussian process simulation of soil Zn micronutrient spatial heterogeneity and uncertainty: A performance appraisal of three semivariogram models. <i>Scientific African</i> , <b>2019</b> , 5, e00110	1.7	6
19	Zirconium as a suitable reference element for estimating potentially toxic element enrichment in treated wastewater discharge vicinity. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 705	3.1	7
18	Multivariate Mapping of Heavy Metals Spatial Contamination in a Cu/Ni Exploration Field (Botswana) Using Turning Bands Co-simulation Algorithm. <i>Natural Resources Research</i> , <b>2019</b> , 28, 109-124	4.9	21
17	A geomorphological characterisation of river systems in South Africa: A case study of the Sabie River. <i>Physics and Chemistry of the Earth</i> , <b>2018</b> , 105, 196-205	3	4
16	Long term treated wastewater impacts and source identification of heavy metals in semi-arid soils of Central Botswana. <i>Geoderma Regional</i> , <b>2017</b> , 10, 200-214	2.7	14
15	Plant-available zinc fixation kinetics in semi-arid alkaline soils of the Southern High Plains. <i>Archives of Agronomy and Soil Science</i> , <b>2017</b> , 63, 553-564	2	

14	Tracing recent environmental changes and pedogenesis using geochemistry and micromorphology of alluvial soils, Sabie-Sand River Basin, South Africa. <i>Geomorphology</i> , <b>2016</b> , 268, 312-321	4.3	7
13	Copper micronutrient fixation kinetics and interactions with soil constituents in semi-arid alkaline soils. <i>Soil Science and Plant Nutrition</i> , <b>2016</b> , 62, 289-296	1.6	7
12	Geostatistical analysis of trace elements PXRF dataset of near-surface semi-arid soils from Central Botswana. <i>Data in Brief</i> , <b>2016</b> , 9, 764-770	1.2	7
11	Quantitative geospatial dataset on the near-surface heavy metal concentrations in semi-arid soils from Maibele Airstrip North, Central Botswana. <i>Data in Brief</i> , <b>2016</b> , 8, 1448-53	1.2	7
10	Palaeosol nomenclature and classification for South Africa: A new perspective. <i>Geoderma Regional</i> , <b>2016</b> , 7, 323-329	2.7	
9	Geochemistry and palaeoclimatic reconstruction of a palaeosol sequence at Langebaanweg, South Africa. <i>Quaternary International</i> , <b>2015</b> , 376, 75-83	2	6
8	Implications of leading crop production practices on environmental quality and human health. <i>Journal of Environmental Management</i> , <b>2015</b> , 151, 267-79	7.9	70
7	Multi-proxy palaeosol evidence for late Quaternary (MIS 4) environmental and climate shifts on the coasts of South Africa. <i>Quaternary International</i> , <b>2014</b> , 343, 159-168	2	9
6	Mineralogy and micromorphology of a late Neogene paleosol sequence at Langebaanweg, South Africa: Inference of paleoclimates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2014</b> , 409, 205-218	2.9	8
5	Texture contrast profile with stonelayer in the Cape Peninsula, South Africa: Autochthony and polygenesis. <i>Catena</i> , <b>2014</b> , 118, 103-114	5.8	8
4	Plinthite and Its Associated Evolutionary Forms in Soils and Landscapes: A Review. <i>Pedosphere</i> , <b>2014</b> , 24, 153-166	5	19
3	Application, chemistry, and environmental implications of contaminant-immobilization amendments on agricultural soil and water quality. <i>Environment International</i> , <b>2011</b> , 37, 258-67	12.9	117
2	Distribution and potential source evaluation of heavy metals in prominent soils of Accra Plains, Ghana. <i>Geoderma</i> , <b>2010</b> , 156, 357-362	6.7	39
1	Predictive mapping of soil copper for site-specific micronutrient management using GIS-based sequential Gaussian simulation. <i>Modeling Earth Systems and Environment</i> , <b>2018</b> , 4, 1-12	3.2	2