Peter N Eze

List of Publications by Citations

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	Application, chemistry, and environmental implications of contaminant-immobilization amendments on agricultural soil and water quality. *Environment International*, **2011**, 37, 258-67	12.9	117
30	Implications of leading crop production practices on environmental quality and human health. *Journal of Environmental Management*, **2015**, 151, 267-79	7.9	70
29	Distribution and potential source evaluation of heavy metals in prominent soils of Accra Plains, Ghana. *Geoderma*, **2010**, 156, 357-362	6.7	39
28	Accumulation of organic carbon in various soil aggregate sizes under different land use systems in a semi-arid environment. *Agriculture, Ecosystems and Environment*, **2020**, 297, 106924	5.7	25
27	Multivariate Mapping of Heavy Metals Spatial Contamination in a Cu-Ni Exploration Field (Botswana) Using Turning Bands Co-simulation Algorithm. *Natural Resources Research*, **2019**, 28, 109-124	4.9	21
26	Plinthite and Its Associated Evolutionary Forms in Soils and Landscapes: A Review. *Pedosphere*, **2014**, 24, 153-166	5	19
25	Long term treated wastewater impacts and source identification of heavy metals in semi-arid soils of Central Botswana. *Geoderma Regional*, **2017**, 10, 200-214	2.7	14
24	Soil properties influence bacterial abundance and diversity under different land-use regimes in semi-arid environments. *Scientific African*, **2020**, 7, e00246	1.7	14
23	Comparison of multivariate methods for arsenic estimation and mapping in floodplain soil via portable X-ray fluorescence spectroscopy. *Geoderma*, **2021**, 384, 114792	6.7	13
22	Self-organizing map artificial neural networks and sequential Gaussian simulation technique for mapping potentially toxic element hotspots in polluted mining soils. *Journal of Geochemical Exploration*, **2021**, 222, 106680	3.8	10
21	Multi-proxy palaeosol evidence for late Quaternary (MIS 4) environmental and climate shifts on the coasts of South Africa. *Quaternary International*, **2014**, 343, 159-168	2	9
20	Mineralogy and micromorphology of a late Neogene paleosol sequence at Langebaanweg, South Africa: Inference of paleoclimates. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2014**, 409, 205-216	2.9	8
19	Texture contrast profile with stonelayer in the Cape Peninsula, South Africa: Autochthony and polygenesis. *Catena*, **2014**, 118, 103-114	5.8	8
18	Tracing recent environmental changes and pedogenesis using geochemistry and micromorphology of alluvial soils, Sabie-Sand River Basin, South Africa. *Geomorphology*, **2016**, 268, 312-321	4.3	7
17	Zirconium as a suitable reference element for estimating potentially toxic element enrichment in treated wastewater discharge vicinity. *Environmental Monitoring and Assessment*, **2019**, 191, 705	3.1	7
16	Copper micronutrient fixation kinetics and interactions with soil constituents in semi-arid alkaline soils. *Soil Science and Plant Nutrition*, **2016**, 62, 289-296	1.6	7
15	Geostatistical analysis of trace elements PXRF dataset of near-surface semi-arid soils from Central Botswana. *Data in Brief*, **2016**, 9, 764-770	1.2	7

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14	Quantitative geospatial dataset on the near-surface heavy metal concentrations in semi-arid soils from Maibele Airstrip North, Central Botswana. *Data in Brief*, **2016**, 8, 1448-53	1.2	7
13	Land degradation assessment in an African dryland context based on the Composite Land Degradation Index and mapping method. *Geocarto International*, **2019**, 1-17	2.7	6
12	Geochemistry and palaeoclimatic reconstruction of a palaeosol sequence at Langebaanweg, South Africa. *Quaternary International*, **2015**, 376, 75-83	2	6
11	Gaussian process simulation of soil Zn micronutrient spatial heterogeneity and uncertainty A performance appraisal of three semivariogram models. *Scientific African*, **2019**, 5, e00110	1.7	6
10	Structural equation modeling of the interactions between trace elements and soil organic matter in semiarid soils. *International Journal of Environmental Science and Technology*, **2020**, 17, 2205-2214	3.3	6
9	A geomorphological characterisation of river systems in South Africa: A case study of the Sabie River. *Physics and Chemistry of the Earth*, **2018**, 105, 196-205	3	4
8	An in-depth human health risk assessment of potentially toxic elements in highly polluted riverine soils, PBram (Czech Republic). *Environmental Geochemistry and Health*, **2021**, 1	4.7	4
7	Geochemistry of soils of a deep pedon in the Okavango Delta, NW Botswana: Implications for pedogenesis in semi-arid regions. *Geoderma Regional*, **2021**, 24, e00352	2.7	3
6	Efficiency of the t-distribution stochastic neighbor embedding technique for detailed visualization and modeling interactions between agricultural soil quality indicators. *Biosystems Engineering*, **2021**, 210, 282-298	4.8	3
5	Predictive mapping of soil copper for site-specific micronutrient management using GIS-based sequential Gaussian simulation. *Modeling Earth Systems and Environment*,1	3.2	2
4	Advances in Nanoscale Study of Organomineral Complexes of Termite Mounds and Associated Soils: A Systematic Review. *Applied and Environmental Soil Science*, **2020**, 2020, 1-9	3.8	1
3	Plant-available zinc fixation kinetics in semi-arid alkaline soils of the Southern High Plains. *Archives of Agronomy and Soil Science*, **2017**, 63, 553-564	2	
2	Palaeosol nomenclature and classification for South Africa: A new perspective. *Geoderma Regional*, **2016**, 7, 323-329	2.7	
1	Soil Development in the Eastern Hardveld. *World Geomorphological Landscapes*, **2022**, 327-344	0.4	