Mohammad Parsa

List of Publications by Year
in descending order

20	799	471509	752698
papers	citations	17	20
		h-index	g-index

20	20	20	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep GMDH Neural Networks for Predictive Mapping of Mineral Prospectivity in Terrains Hosting Few but Large Mineral Deposits. Natural Resources Research, 2022, 31, 37-50.	4.7	32
2	Innovative methods applied to processing and interpreting geochemical data. Journal of Geochemical Exploration, 2022, 237, 106983.	3.2	4
3	Quantifying Uncertainties Linked to the Diversity of Mathematical Frameworks in Knowledge-Driven Mineral Prospectivity Mapping. Natural Resources Research, 2022, 31, 2271-2287.	4.7	23
4	Modulating the Impacts of Stochastic Uncertainties Linked to Deposit Locations in Data-Driven Predictive Mapping of Mineral Prospectivity. Natural Resources Research, 2021, 30, 3081-3097.	4.7	34
5	A data augmentation approach to XGboost-based mineral potential mapping: An example of carbonate-hosted Zn Pb mineral systems of Western Iran. Journal of Geochemical Exploration, 2021, 228, 106811.	3.2	74
6	A simulation-based framework for modulating the effects of subjectivity in greenfield Mineral Prospectivity Mapping with geochemical and geological data. Journal of Geochemical Exploration, 2021, 229, 106838.	3.2	32
7	Assessing the effects of mineral systems-derived exploration targeting criteria for random Forests-based predictive mapping of mineral prospectivity in Ahar-Arasbaran area, Iran. Ore Geology Reviews, 2021, 138, 104399.	2.7	38
8	Identification of heavy metal pollution sources and its associated risk assessment in an industrial town using the K-means clustering technique. Applied Geochemistry, 2021, 135, 105113.	3.0	27
9	Structural and non-structural statistical methods: implications for delineating geochemical anomalies. Applied Earth Science: Transactions of the Institute of Mining and Metallurgy, 2020, 129, 111-121.	1.0	13
10	Singularity mapping of bulk leach extractable gold and â˜80# stream sediment geochemical data in recognition of gold and base metal mineralization footprints in Biga Peninsula South, Turkey. Journal of African Earth Sciences, 2019, 153, 156-172.	2.0	17
11	Controls on Mississippi Valley-Type Zn-Pb mineralization in Behabad district, Central Iran: Constraints from spatial and numerical analyses. Journal of African Earth Sciences, 2018, 140, 189-198.	2.0	19
12	Spatial analyses of exploration evidence data to model skarn-type copper prospectivity in the Varzaghan district, NW Iran. Ore Geology Reviews, 2018, 92, 97-112.	2.7	58
13	A Receiver Operating Characteristics-Based Geochemical Data Fusion Technique for Targeting Undiscovered Mineral Deposits. Natural Resources Research, 2018, 27, 15-28.	4.7	51
14	An improved data-driven fuzzy mineral prospectivity mapping procedure; cosine amplitude-based similarity approach to delineate exploration targets. International Journal of Applied Earth Observation and Geoinformation, 2017, 58, 157-167.	2.8	44
15	Enhancement and Mapping of Weak Multivariate Stream Sediment Geochemical Anomalies in Ahar Area, NW Iran. Natural Resources Research, 2017, 26, 443-455.	4.7	42
16	Multifractal interpolation and spectrumâ€"area fractal modeling of stream sediment geochemical data: Implications for mapping exploration targets. Journal of African Earth Sciences, 2017, 128, 5-15.	2.0	70
17	Multifractal analysis of stream sediment geochemical data: Implications for hydrothermal nickel prospection in an arid terrain, eastern Iran. Journal of Geochemical Exploration, 2017, 181, 305-317.	3.2	45
18	Decomposition of anomaly patterns of multi-element geochemical signatures in Ahar area, NW Iran: a comparison of U-spatial statistics and fractal models. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	47

#	Article	IF	Citations
19	Prospectivity modeling of porphyry-Cu deposits by identification and integration of efficient mono-elemental geochemical signatures. Journal of African Earth Sciences, 2016, 114, 228-241.	2.0	61
20	Recognition of significant multi-element geochemical signatures of porphyry Cu deposits in Noghdouz area, NW Iran. Journal of Geochemical Exploration, 2016, 165, 111-124.	3.2	68