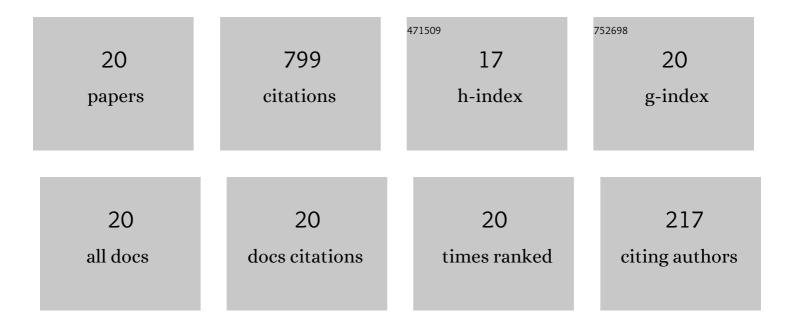
## Mohammad Parsa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/139590/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Multifractal interpolation and spectrum–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
3	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
4	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
5	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
6	A Receiver Operating Characteristics-Based Geochemical Data Fusion Technique for Targeting Undiscovered Mineral Deposits. Natural Resources Research, 2018, 27, 15-28.	4.7	51
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	CITATIONS
19	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
20	Innovative methods applied to processing and interpreting geochemical data. Journal of Geochemical Exploration, 2022, 237, 106983.	3.2	4