

Mahyar Yousefi

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,205
citations

201575

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h-index

302012

39
g-index

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all docs

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docs citations

40
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Information value-based geochemical anomaly modeling: A statistical index to generate enhanced geochemical signatures for mineral exploration targeting. <i>Applied Geochemistry</i> , 2022, 136, 105177.	1.4	7
2	Recognition and incorporation of mineralization-efficient fault systems to produce a strengthened anisotropic geochemical singularity. <i>Journal of Geochemical Exploration</i> , 2022, 235, 106967.	1.5	7
3	Landslide susceptibility mapping through continuous fuzzification and geometric average multi-criteria decision-making approaches. <i>Natural Hazards</i> , 2021, 107, 795-808.	1.6	10
4	Identifying porphyry-Cu geochemical footprints using local neighborhood statistics in Baft area, Iran. <i>Frontiers of Earth Science</i> , 2021, 15, 106-120.	0.9	5
5	Supervised mineral exploration targeting and the challenges with the selection of deposit and non-deposit sites thereof. <i>Applied Geochemistry</i> , 2021, 128, 104940.	1.4	26
6	Data analysis methods for prospectivity modelling as applied to mineral exploration targeting: State-of-the-art and outlook. <i>Journal of Geochemical Exploration</i> , 2021, 229, 106839.	1.5	48
7	Introduction to the special issue on spatial modelling and analysis of ore-forming processes in mineral exploration targeting. <i>Ore Geology Reviews</i> , 2020, 119, 103391.	1.1	34
8	Particle Swarm Optimization Algorithm for Neuro-Fuzzy Prospectivity Analysis Using Continuously Weighted Spatial Exploration Data. <i>Natural Resources Research</i> , 2019, 28, 309-325.	2.2	27
9	Exploration information systems – A proposal for the future use of GIS in mineral exploration targeting. <i>Ore Geology Reviews</i> , 2019, 111, 103005.	1.1	92
10	Stream sediment geochemical data analysis for district-scale mineral exploration targeting: Measuring the performance of the spatial U-statistic and C-A fractal modeling. <i>Ore Geology Reviews</i> , 2019, 113, 103115.	1.1	35
11	Generation of an efficient structural evidence layer for mineral exploration targeting. <i>Journal of African Earth Sciences</i> , 2019, 160, 103609.	0.9	8
12	Modelling ore-forming processes through a cosine similarity measure: Improved targeting of porphyry copper deposits in the Manzhouli belt, China. <i>Ore Geology Reviews</i> , 2019, 107, 108-118.	1.1	16
13	Singularity mapping of bulk leach extractable gold and $\sim 80\%$ stream sediment geochemical data in recognition of gold and base metal mineralization footprints in Biga Peninsula South, Turkey. <i>Journal of African Earth Sciences</i> , 2019, 153, 156-172.	0.9	17
14	An Improved Prediction-Area Plot for Prospectivity Analysis of Mineral Deposits. <i>Natural Resources Research</i> , 2019, 28, 1089-1105.	2.2	15
15	Spatial analyses of exploration evidence data to model skarn-type copper prospectivity in the Varzaghan district, NW Iran. <i>Ore Geology Reviews</i> , 2018, 92, 97-112.	1.1	58
16	A Receiver Operating Characteristics-Based Geochemical Data Fusion Technique for Targeting Undiscovered Mineral Deposits. <i>Natural Resources Research</i> , 2018, 27, 15-28.	2.2	51
17	Union score and fuzzy logic mineral prospectivity mapping using discretized and continuous spatial evidence values. <i>Journal of African Earth Sciences</i> , 2017, 128, 47-60.	0.9	59
18	An improved data-driven fuzzy mineral prospectivity mapping procedure; cosine amplitude-based similarity approach to delineate exploration targets. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 58, 157-167.	1.4	44

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19	Enhancement and Mapping of Weak Multivariate Stream Sediment Geochemical Anomalies in Ahar Area, NW Iran. <i>Natural Resources Research</i> , 2017, 26, 443-455.	2.2	42
20	Analysis of Zoning Pattern of Geochemical Indicators for Targeting of Porphyry-Cu Mineralization: A Pixel-Based Mapping Approach. <i>Natural Resources Research</i> , 2017, 26, 429-441.	2.2	32
21	Introduction to the special issue: GIS-based mineral potential targeting. <i>Journal of African Earth Sciences</i> , 2017, 128, 1-4.	0.9	39
22	Recognition of an enhanced multi-element geochemical signature of porphyry copper deposits for vectoring into mineralized zones and delimiting exploration targets in Jiroft area, SE Iran. <i>Ore Geology Reviews</i> , 2017, 83, 200-214.	1.1	52
23	Prospectivity Modeling of Karstic Groundwater Using a Sequential Exploration Approach in Tepal Area, Iran. <i>Archives of Mining Sciences</i> , 2017, 62, 509-530.	0.6	0
24	Prospectivity analysis of orogenic gold deposits in Saqez-Sardasht Goldfield, Zagros Orogen, Iran. <i>Ore Geology Reviews</i> , 2017, 91, 1066-1080.	1.1	46
25	A deposit scale mineral prospectivity analysis: A comparison of various knowledge-driven approaches for porphyry copper targeting in Seridune, Iran. <i>Journal of African Earth Sciences</i> , 2017, 128, 127-146.	0.9	23
26	Multifractal interpolation and spectrum area fractal modeling of stream sediment geochemical data: Implications for mapping exploration targets. <i>Journal of African Earth Sciences</i> , 2017, 128, 5-15.	0.9	70
27	Multifractal analysis of stream sediment geochemical data: Implications for hydrothermal nickel prospecting in an arid terrain, eastern Iran. <i>Journal of Geochemical Exploration</i> , 2017, 181, 305-317.	1.5	45
28	Delineation of geochemical anomalies based on stream sediment data utilizing fractal modeling and staged factor analysis. <i>Journal of African Earth Sciences</i> , 2016, 119, 139-149.	0.9	58
29	Data-Driven Index Overlay and Boolean Logic Mineral Prospectivity Modeling in Greenfields Exploration. <i>Natural Resources Research</i> , 2016, 25, 3-18.	2.2	122
30	Prospectivity modeling of porphyry-Cu deposits by identification and integration of efficient mono-elemental geochemical signatures. <i>Journal of African Earth Sciences</i> , 2016, 114, 228-241.	0.9	61
31	Recognition of significant multi-element geochemical signatures of porphyry Cu deposits in Noghdouz area, NW Iran. <i>Journal of Geochemical Exploration</i> , 2016, 165, 111-124.	1.5	68
32	Data-driven logistic-based weighting of geochemical and geological evidence layers in mineral prospectivity mapping. <i>Journal of Geochemical Exploration</i> , 2016, 164, 94-106.	1.5	113
33	Prediction area (P-A) plot and A fractal analysis to classify and evaluate evidential maps for mineral prospectivity modeling. <i>Computers and Geosciences</i> , 2015, 79, 69-81.	2.0	220
34	Geometric average of spatial evidence data layers: A GIS-based multi-criteria decision-making approach to mineral prospectivity mapping. <i>Computers and Geosciences</i> , 2015, 83, 72-79.	2.0	98
35	Fuzzification of continuous-value spatial evidence for mineral prospectivity mapping. <i>Computers and Geosciences</i> , 2015, 74, 97-109.	2.0	160
36	Application of staged factor analysis and logistic function to create a fuzzy stream sediment geochemical evidence layer for mineral prospectivity mapping. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2014, 14, 45-58.	0.5	100

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37	Weighted drainage catchment basin mapping of geochemical anomalies using stream sediment data for mineral potential modeling. Journal of Geochemical Exploration, 2013, 128, 88-96.	1.5	105
38	Geochemical mineralization probability index (GMPI): A new approach to generate enhanced stream sediment geochemical evidential map for increasing probability of success in mineral potential mapping. Journal of Geochemical Exploration, 2012, 115, 24-35.	1.5	161
39	Assessing the Performance of Independent Component Analysis in Remote Sensing Data Processing. Journal of the Indian Society of Remote Sensing, 2012, 40, 577-588.	1.2	29