

# Martiya Sadeghi

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

48  
papers

1,189  
citations

19  
h-index

33  
g-index

52  
ext. papers

1,363  
ext. citations

3.2  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
48	Europe's rare earth element resource potential: An overview of REE metallogenetic provinces and their geodynamic setting. <i>Ore Geology Reviews</i> , <b>2016</b> , 72, 838-856	3.2	177
47	Predictive mapping of prospectivity and quantitative estimation of undiscovered VMS deposits in Skellefte district (Sweden). <i>Ore Geology Reviews</i> , <b>2010</b> , 38, 219-241	3.2	117
46	Rare earth element distribution and mineralization in Sweden: An application of principal component analysis to FOREGS soil geochemistry. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 133, 160-175	3.8	71
45	Mercury in European agricultural and grazing land soils. <i>Applied Geochemistry</i> , <b>2013</b> , 33, 1-12	3.5	69
44	GEMAS: Cobalt, Cr, Cu and Ni distribution in agricultural and grazing land soil of Europe. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 154, 81-93	3.8	60
43	Recognition of significant multi-element geochemical signatures of porphyry Cu deposits in Noghdouz area, NW Iran. <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 165, 111-124	3.8	57
42	Prospectivity modeling of porphyry-Cu deposits by identification and integration of efficient mono-elemental geochemical signatures. <i>Journal of African Earth Sciences</i> , <b>2016</b> , 114, 228-241	2.2	55
41	Rare earth element signatures of economic and sub-economic porphyry copper systems in Urumieh-Dokhtar Magmatic Arc (UDMA), Iran. <i>Ore Geology Reviews</i> , <b>2015</b> , 70, 407-423	3.2	46
40	Analysis and mapping of soil geochemical anomalies: Implications for bedrock mapping and gold exploration in Giyani area, South Africa. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 154, 180-193	3.8	44
39	Ce, La and Y concentrations in agricultural and grazing-land soils of Europe. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 133, 202-213	3.8	43
38	Multifractal analysis of stream sediment geochemical data: Implications for hydrothermal nickel prospection in an arid terrain, eastern Iran. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 181, 305-317	3.8	37
37	Joint inversion of gravity, magnetic, and petrophysical data: A case study from a gabbro intrusion in Boden, Sweden. <i>Geophysics</i> , <b>2015</b> , 80, B131-B152	3.1	34
36	Geochemical evidence of aeolian deposits in European soils. <i>Boreas</i> , <b>2014</b> , 43, 175-192	2.4	34
35	Geochemical fingerprinting and source discrimination of agricultural soils at continental scale. <i>Chemical Geology</i> , <b>2015</b> , 396, 1-15	4.2	31
34	Geogenic and agricultural controls on the geochemical composition of European agricultural soils. <i>Journal of Soils and Sediments</i> , <b>2014</b> , 14, 121-137	3.4	28
33	Primary geochemical characteristics of mineral deposits: Implications for exploration. <i>Ore Geology Reviews</i> , <b>2012</b> , 45, 1-4	3.2	24
32	Predictive mapping of prospectivity for orogenic gold, Giyani greenstone belt (South Africa). <i>Ore Geology Reviews</i> , <b>2015</b> , 71, 703-718	3.2	23

31	GEMAS: Indium in agricultural and grazing land soil of Europe ¶ts source and geochemical distribution patterns. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 154, 61-80	3.8	21
30	Distribution of Rb, Ga and Cs in agricultural land soils at European continental scale (GEMAS): Implications for weathering conditions and provenance. <i>Chemical Geology</i> , <b>2018</b> , 479, 188-203	4.2	21
29	Mobile Metal Ion¶ analysis of European agricultural soils: bioavailability, weathering, geogenic patterns and anthropogenic anomalies. <i>Geochemistry: Exploration, Environment, Analysis</i> , <b>2015</b> , 15, 99-112 <sup>1,8</sup>	1.8	19
28	Dehydration of hot oceanic slab at depth 30¶0 km: KEY to formation of Irankuh-Emarat Pb Zn MVT belt, Central Iran. <i>Journal of Geochemical Exploration</i> , <b>2018</b> , 194, 88-103	3.8	17
27	Geochemical anomaly recognition of rare earth elements using multi-fractal modeling correlated with geological features, Central Iran. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 181, 318-332	3.8	14
26	Application of fractal models to characterization and evaluation of vertical distribution of geochemical data in Zarshuran gold deposit, NW Iran. <i>Journal of Geochemical Exploration</i> , <b>2015</b> , 148, 60-70	3.8	13
25	GEMAS: Spatial analysis of the Ni distribution on a continental-scale using digital image processing techniques on European agricultural soil data. <i>Journal of Geochemical Exploration</i> , <b>2018</b> , 186, 143-157	3.8	13
24	REE contents in solid sample media and stream water from different geological contexts: Comparison between Italy and Sweden. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 133, 176-201	3.8	12
23	GEMAS: Geochemical background and mineral potential of emerging tech-critical elements in Europe revealed from low-sampling density geochemical mapping. <i>Applied Geochemistry</i> , <b>2019</b> , 111, 104425	3.5	10
22	Major and trace element composition of urinary stones, Khuzestan province, southwest, Iran. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 131, 52-58	3.8	9
21	GEMAS: Source, distribution patterns and geochemical behaviour of Ge in agricultural and grazing land soils at European continental scale. <i>Applied Geochemistry</i> , <b>2016</b> , 72, 113-124	3.5	8
20	Rare-earth element distribution and genesis of manganese ores associated with Tethyan ophiolites, Iran: A review. <i>Mineralogical Magazine</i> , <b>2016</b> , 80, 127-142	1.7	8
19	Post-VMS mineralization deformations (1880¶1820 Ma) of the Skellefte district (Sweden): insights from the spatial pattern of VMS occurrences. <i>Frontiers of Earth Science</i> , <b>2014</b> , 8, 319-324	1.7	8
18	The multi-attribute anomaly structure model: An exploration tool for the Zhaojikou epithermal Pb-Zn deposit, China. <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 169, 50-59	3.8	7
17	A new hypothesis on parameters controlling the formation and size of porphyry copper deposits: Implications on thermal gradient of subducted oceanic slab, depth of dehydration and partial melting along the Kerman copper belt in Iran. <i>Ore Geology Reviews</i> , <b>2019</b> , 104, 522-539	3.2	7
16	REE concentrations in agricultural soil in Sweden and Italy: Comparison of weak MM¶ extraction with near total extraction data. <i>Applied Geochemistry</i> , <b>2015</b> , 63, 22-36	3.5	6
15	Detecting homogenous clusters using whole-rock chemical compositions and REE patterns: A graph-based geochemical approach. <i>Journal of Geochemical Exploration</i> , <b>2016</b> , 170, 94-106	3.8	6
14	Sparse 3D reflection seismic survey for deep-targeting iron oxide deposits and their host rocks, Ludvika Mines, Sweden. <i>Solid Earth</i> , <b>2021</b> , 12, 483-502	3.3	6

13	Geochemistry, geochronology, isotope and fluid inclusion studies of the Kuh-e-Zar deposit, Khaf-Kashmar-Bardaskan magmatic belt, NE Iran: Evidence of gold-rich iron oxide-copper-gold deposit. <i>Journal of Geochemical Exploration</i> , <b>2017</b> , 183, 58-78	3.8	5
12	The Gol-e-Zard Zn-Pb Deposit, Lorestan Province, Iran: a Metamorphosed SEDEX Deposit. <i>Acta Geologica Sinica</i> , <b>2014</b> , 88, 142-153	0.7	5
11	Biogeochemical expression of rare earth element and zirconium mineralization at Norra Kärr, Southern Sweden. <i>Journal of Geochemical Exploration</i> , <b>2013</b> , 133, 15-24	3.8	4
10	Reply to comments on Dehydration of hot oceanic slab at depth 30-50 km: Key to formation of Iran-Kuh-Emarat Pb-Zn MVT belt, Central Iran by Mohammad Hassan Karimpour and Martiya Sadeghi. <i>Journal of Geochemical Exploration</i> , <b>2020</b> , 210, 106455	3.8	4
9	Geochemistry of trace elements and their relations with organic matter in Kuh-e-Sefid phosphorite mineralization, Zagros Mountain, Iran. <i>Ore Geology Reviews</i> , <b>2019</b> , 104, 72-87	3.2	4
8	Geochemistry and potential resource of rare earth element in the IOA deposits of Tarom area, NW Iran. <i>Ore Geology Reviews</i> , <b>2018</b> , 92, 529-541	3.2	4
7	FRAME's (Forecasting and Assessing Europe's Strategic Raw Materials Needs) contribution to the European Green Deal		2
6	GEMAS: Geochemical distribution of Mg in agricultural soil of Europe. <i>Journal of Geochemical Exploration</i> , <b>2021</b> , 221, 106706	3.8	2
5	Geochemistry of Rare Earth Elements in Bedrock and Till, Applied in the Context of Mineral Potential in Sweden. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 365	2.4	1
4	Semi-automated geological mapping and target generation from geochemical and magnetic data in Halkidiki region, Greece. <i>Ore Geology Reviews</i> , <b>2022</b> , 142, 104714	3.2	1
3	Tectonomagmatic settings of Jurassic granitoids in the Sanandaj-Sirjan Zone, Iran: A review. <i>Geologos</i> , <b>2022</b> , 28, 19-37	0.9	1
2	Innovative methods applied to processing and interpreting geochemical data. <i>Journal of Geochemical Exploration</i> , <b>2022</b> , 106983	3.8	0
1	Comparison of petrological and geochemical characteristics of three different types of Eocene copper-gold mineralization in eastern Iran. <i>Ore Geology Reviews</i> , <b>2021</b> , 138, 104335	3.2	