

Mohammad Hosein Mahmudy Gharaie

List of Publications by Year in descending order

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46
papers

529
citations

686830

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713013

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46
all docs

46
docs citations

46
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Remediation of cyanide from the gold mine tailing pond by a novel bacterial co-culture. <i>International Biodeterioration and Biodegradation</i> , 2015, 99, 123-128.	1.9	39
2	Assessment of groundwater suitability for irrigation in a gold mine surrounding area, NE Iran. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	37
3	Holocene hydrological changes in SE Iran, a key region between Indian Summer Monsoon and Mediterranean winter precipitation zones, as revealed from a lacustrine sequence from Lake Hamoun. <i>Quaternary International</i> , 2016, 408, 25-39.	0.7	34
4	Isotopic chemostratigraphy of the microbialite-bearing Permian–Triassic boundary section in the Zagros Mountains, Iran. <i>Chemical Geology</i> , 2007, 244, 708-714.	1.4	33
5	Hydrogeochemical and isotopic evaluation of arsenic contaminated waters in an argillic alteration zone. <i>Journal of Geochemical Exploration</i> , 2017, 175, 1-10.	1.5	33
6	High soil and groundwater arsenic levels induce high body arsenic loads, health risk and potential anemia for inhabitants of northeastern Iran. <i>Environmental Geochemistry and Health</i> , 2016, 38, 469-482.	1.8	28
7	Depositional environments and ichnology of Upper Cretaceous deep-marine deposits in the Sistan Suture Zone, Birjand, Eastern Iran. <i>Cretaceous Research</i> , 2016, 60, 28-51.	0.6	21
8	Geochemistry of Carboniferous Sandstones (Sardar Formation), East–Central Iran: Implication for Provenance and Tectonic Setting. <i>Acta Geologica Sinica</i> , 2012, 86, 1200-1210.	0.8	19
9	PALEOLIMNOLOGY OF LAKE HAMOUN (E IRAN): IMPLICATION FOR PAST CLIMATE CHANGES AND POSSIBLE IMPACTS ON HUMAN SETTLEMENTS. <i>Palaios</i> , 2016, 31, 616-629.	0.6	19
10	Petrography and geochemistry of Silurian Niur sandstones, Derenjal Mountains, East Central Iran: implications for tectonic setting, provenance and weathering. <i>Arabian Journal of Geosciences</i> , 2014, 7, 2793-2813.	0.6	17
11	Hydrochemical assessment of surface and ground waters used for drinking and irrigation in Kardeh Dam Basin (NE Iran). <i>Environmental Geochemistry and Health</i> , 2019, 41, 1235-1250.	1.8	16
12	Sequence stratigraphy of the petroliferous Dariyan Formation (Aptian) in Qeshm Island and offshore (southern Iran). <i>Petroleum Science</i> , 2015, 12, 232-251.	2.4	15
13	Isotopic analysis, hydrogeochemistry and geothermometry of Tang-Bijar oilfield springs, Zagros region, Iran. <i>Geothermics</i> , 2015, 55, 24-30.	1.5	13
14	Removal of anthropogenic lead pollutions by a potent <i>Bacillus</i> species AS2 isolated from geogenic contaminated site. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2135-2142.	1.8	13
15	Characterization and origin of late Devonian illitic clay deposits southwestern Iran. <i>Applied Clay Science</i> , 2008, 42, 318-325.	2.6	12
16	Trace fossils analysis of fluvial to open marine transitional sediments: Example from the Upper Devonian (Geirud Formation), Central Alborz, Iran. <i>Palaeoworld</i> , 2014, 23, 50-68.	0.5	12
17	Planktonic foraminiferal turnover across the Cenomanian – Turonian boundary (OAE2) in the northeast of the Tethys realm, Kopet-Dagh Basin. <i>Geologica Carpathica</i> , 2016, 67, 451-462.	0.2	12
18	Inorganic arsenic can be potent granulotoxin in mammalian neutrophils <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2016, 13, 686-693.	0.9	12

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19	Heavy metal pollution associated with mining activity in the Kouh-e Zar region, NE Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 1113-1123.	1.6	12
20	High-sensitive elemental analysis using multi-parameter coincidence spectrometer: GEMINI-II. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 273-276.	0.7	11
21	Using inverse modeling and hierarchical cluster analysis for hydrochemical characterization of springs and Talkhab River in Tang-Bijar oilfield, Iran. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	11
22	Identification of pore types and pore facies for evaluating the diagenetic performance on reservoir quality: a case study from the Asmari Formation in Ramin Oil Field, SW Iran. <i>Geosciences Journal</i> , 2017, 21, 565-577.	0.6	11
23	Internal wave deposits in Jurassic Kermanshah pelagic carbonates and radiolarites (Kermanshah area,) Tj ETQq1 1 0,784314 rggBT /Ovelde	1.0	10
24	Effects of arsenic on porcine dendritic cells <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2017, 14, 1-8.	0.9	9
25	Benthic foraminiferal response to environmental changes across Cenomanian/Turonian boundary (OAE2) in the northeastern Tethys, Kopet-Dagh basin. <i>Journal of African Earth Sciences</i> , 2017, 134, 33-47.	0.9	7
26	Assessment of groundwater quality for the irrigation of melon farms: a comparison between two arable plains in northeastern Iran. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	7
27	Distribution of benthic foraminifera along the Iranian coast. <i>Marine Biodiversity</i> , 2019, 49, 933-946.	0.3	7
28	A Cenomanian-Turonian drowning unconformity on the eastern part of Kopet-Dagh basin, NE Iran. <i>Arabian Journal of Geosciences</i> , 2015, 8, 8373-8384.	0.6	6
29	Short-term eustatic sea-level changes during the Cenomanian–Turonian Supergreenhouse interval in the Kopet-Dagh Basin, NE Tethyan realm. <i>Journal of Iberian Geology</i> , 2018, 44, 177-191.	0.7	6
30	Evaluation of trace elements concentration in surface sediments of Parishan International Wetland (Fars Province, SW Iran) by using geochemical and sedimentological analysis. <i>Toxin Reviews</i> , 2020, , 1-11.	1.5	6
31	Facies Analysis and Sequence Stratigraphy of Silurian Carbonate Ramps in the Turan (Kopeh-Dagh) and Central Iran Plates with Emphasis on Gondwana Tectonic Event. <i>Acta Geologica Sinica</i> , 2015, 89, 1276-1295.	0.8	5
32	Radiolarian productivity linked to climate conditions during the Pliensbachian–Aalenian in the Kermanshah Basin (West Iran). <i>Facies</i> , 2016, 62, 1.	0.7	5
33	Modeling and characterization of an engineered microbial biosensor for high-throughput screening of arsenic in rural water. <i>Chemical Engineering Research and Design</i> , 2021, 153, 215-224.	2.7	4
34	Geogenic thallium and lead pollution in soils and potential risk of toxicity: A report from Iran. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 420-1.	0.4	4
35	Determination of trace elements using multi-parameter coincidence spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 271, 43-45.	0.7	3
36	Paleoenvironmental perturbation across the Cenomanian/Turonian boundary of the Kopet-Dagh Basin (NE Iran), inferred from geochemical anomalies and benthic foraminiferal assemblages. <i>Cretaceous Research</i> , 2018, 86, 261-275.	0.6	3

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37	Geochemistry of Bandan River sediments in Sistan Basin (Eastern Iran): implication for provenance and environmental impact on the Hamoun Lake pollution. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	3
38	Sedimentology and sediment geochemistry of the pelagic Paryab section (Zagros Mountains, Iran): implications for sea level fluctuations and paleoenvironments in the late Paleocene to middle Eocene. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	3
39	New biostratigraphic observations of planktonic foraminifera and ammonites on the Aptian-Albian intrashelf succession, Zagros Basin, SW Iran. <i>Cretaceous Research</i> , 2021, 128, 104996.	0.6	3
40	The Campanian-Maastrichtian planktonic foraminifera of the Kopet-Dagh Basin (NE Iran): bioevents and biostratigraphy. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2019, 294, 103-129.	0.2	2
41	Influence of faulting on porosity and permeability features of carbonate rocks, Kardeh fault, NE Iran. <i>Geosciences Journal</i> , 2021, 25, 537-546.	0.6	2
42	Estimation of sediment load and erosion of different geological units: A case study from a basin of north-eastern Iran. <i>Journal of Mountain Science</i> , 2021, 18, 1591-1608.	0.8	2
43	Sequence stratigraphy of the Hauterivian-Barremian time interval in land and offshore of the Bandar Abbas Area (SE Zagros, Iran). <i>Arabian Journal of Geosciences</i> , 2015, 8, 7087-7107.	0.6	1
44	Biostratigraphy of the Gurpi Formation (Zagros Basin, western Iran) based on planktonic foraminifera. <i>Geologica Balcanica</i> , 2020, 49, 53-66.	0.1	1
45	Profiles and potential health risks of heavy metals in polluted soils in NE-Iran. <i>Toxin Reviews</i> , 2022, 41, 523-535.	1.5	0
46	Investigating most appropriate method for estimating suspended sediment load based on error criterias in arid and semi-arid areas (case study of Kardeh Dam watershed stations). <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	0