Basem Ahmed Zoheir

List of Publications by Year
in descending order

56	1,936	185998 28	264894 42
papers	citations	h-index	g-index

56	56	56	799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of Multi-Sensor Satellite Data for Exploration of Znâ€“Pb Sulfide Mineralization in the Franklinian Basin, North Greenland. Remote Sensing, 2018, 10, 1186.	1.8	92
2	Mapping hydrothermal alteration zones and lineaments associated with orogenic gold mineralization using ASTER data: A case study from the Sanandaj-Sirjan Zone, Iran. Advances in Space Research, 2019, 63, 3315-3332.	1.2	92
3	Listveniteâ€“lode association at the Barramiya gold mine, Eastern Desert, Egypt. Ore Geology Reviews, 2011, 39, 101-115.	1.1	91
4	Application of Landsat-8, Sentinel-2, ASTER and WorldView-3 Spectral Imagery for Exploration of Carbonate-Hosted Pb-Zn Deposits in the Central Iranian Terrane (CIT). Remote Sensing, 2020, 12, 1239.	1.8	89
5	Identifying high potential zones of gold mineralization in a sub-tropical region using Landsat-8 and ASTER remote sensing data: A case study of the Ngoura-Colomines goldfield, eastern Cameroon. Ore Geology Reviews, 2020, 122, 103530.	1.1	83
6	Integrating geologic and satellite imagery data for high-resolution mapping and gold exploration targets in the South Eastern Desert, Egypt. Journal of African Earth Sciences, 2012, 66-67, 22-34.	0.9	82
7	Landsat-8, Advanced Spaceborne Thermal Emission and Reflection Radiometer, and WorldView-3 Multispectral Satellite Imagery for Prospecting Copper-Gold Mineralization in the Northeastern Inglefield Mobile Belt (IMB), Northwest Greenland. Remote Sensing, 2019, 11, 2430.	1.8	72
8	Orogenic Gold in Transpression and Transtension Zones: Field and Remote Sensing Studies of the Barramiyaâ€“Mueilha Sector, Egypt. Remote Sensing, 2019, 11, 2122.	1.8	70
9	Mapping Listvenite Occurrences in the Damage Zones of Northern Victoria Land, Antarctica Using ASTER Satellite Remote Sensing Data. Remote Sensing, 2019, 11, 1408.	1.8	60
10	Orogenic gold in the Egyptian Eastern Desert: Widespread gold mineralization in the late stages of Neoproterozoic orogeny. Gondwana Research, 2019, 75, 184-217.	3.0	56
11	Luâ€“Hf and O isotopic compositions on single zircons from the North Eastern Desert of Egypt, Arabianâ€“Nubian Shield: Implications for crustal evolution. Gondwana Research, 2016, 32, 181-192.	3.0	55
12	The tectono-metamorphic evolution of the central part of the Neoproterozoic Allaqiâ€“Heiani suture, south Eastern Desert of Egypt. Gondwana Research, 2007, 12, 289-304.	3.0	52
13	Characteristics and genesis of shear zone-related gold mineralization in Egypt: A case study from the Um El Tuyor mine, south Eastern Desert. Ore Geology Reviews, 2008, 34, 445-470.	1.1	52
14	Multispectral and Radar Data for the Setting of Gold Mineralization in the South Eastern Desert, Egypt. Remote Sensing, 2019, 11, 1450.	1.8	52
15	Origin and Evolution of the Um Egat and Dungash Orogenic Gold Deposits, Egyptian Eastern Desert: Evidence from Fluid Inclusions in Quartz. Economic Geology, 2008, 103, 405-424.	1.8	51
16	Gold-bearing volcanogenic massive sulfides and orogenic-gold deposits in the Nubian Shield. South African Journal of Geology, 2017, 120, 63-76.	0.6	50
17	Transpressional zones in ophiolitic mÃ©lange terranes: Potential exploration targets for gold in the South Eastern Desert, Egypt. Journal of Geochemical Exploration, 2011, 111, 23-38.	1.5	49
18	Field and ASTER imagery data for the setting of gold mineralization in Western Allaqiâ€“Heiani belt, Egypt: A case study from the Haimur deposit. Journal of African Earth Sciences, 2014, 99, 150-164.	0.9	49

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19	Geochemistry and geochronology of the ~620 Ma gold-associated Batouri granitoids, Cameroon. International Geology Review, 2015, 57, 1485-1509.	1.1	38
20	Editorial for the Special Issue: Multispectral and Hyperspectral Remote Sensing Data for Mineral Exploration and Environmental Monitoring of Mined Areas. Remote Sensing, 2021, 13, 519.	1.8	36
21	Structural controls, temperatureâ€“pressure conditions and fluid evolution of orogenic gold mineralisation at the Betam mine, south Eastern Desert, Egypt. Mineralium Deposita, 2008, 43, 79-95.	1.7	35
22	Shear-Related Gold Ores in the Wadi Hodein Shear Belt, South Eastern Desert of Egypt: Analysis of Remote Sensing, Field and Structural Data. Minerals (Basel, Switzerland), 2021, 11, 474.	0.8	35
23	Au and Cr mobilization through metasomatism: Microchemical evidence from ore-bearing listvenite, South Eastern Desert of Egypt. Journal of Geochemical Exploration, 2013, 125, 34-45.	1.5	32
24	ASTER-based mapping of ophiolitic rocks: examples from the Allaqiâ€“Heiani suture, SE Egypt. International Geology Review, 2016, 58, 525-539.	1.1	31
25	REE geochemical characteristics and satellite-based mapping of hydrothermal alteration in Atud gold deposit, Egypt. Journal of African Earth Sciences, 2018, 145, 317-330.	0.9	31
26	Role of fluid mixing and wallrock sulfidation in gold mineralization at the Semna mine area, central Eastern Desert of Egypt: Evidence from hydrothermal alteration, fluid inclusions and stable isotope data. Ore Geology Reviews, 2008, 34, 580-596.	1.1	30
27	Genesis of the Abu Marawat gold deposit, central Eastern Desert of Egypt. Journal of African Earth Sciences, 2010, 57, 306-320.	0.9	30
28	Auriferous shear zones in the central Allaqi-Heiani belt: Orogenic gold in post-accretionary structures, SE Egypt. Journal of African Earth Sciences, 2018, 146, 118-131.	0.9	30
29	Fluid evolution in the El-Sid gold deposit, Eastern Desert, Egypt. Geological Society Special Publication, 2014, 402, 147-175.	0.8	29
30	Greenstone-hosted lode-gold mineralization at Dungash mine, Eastern Desert, Egypt. Journal of African Earth Sciences, 2014, 99, 165-187.	0.9	29
31	Satellite imagery and airborne geophysics for geologic mapping of the Edembo area, Eastern Hoggar (Algerian Sahara). Journal of African Earth Sciences, 2016, 115, 143-158.	0.9	27
32	Ediacaran (~ 600 Ma) orogenic gold in Egypt: age of the Atalla gold mineralization and its geological significance. International Geology Review, 2019, 61, 779-794.	1.1	27
33	Lode-gold mineralization in convergent wrench structures: Examples from South Eastern Desert, Egypt. Journal of Geochemical Exploration, 2012, 114, 82-97.	1.5	25
34	Orogenic gold formation in an evolving, decompressing hydrothermal system: Genesis of the Samut gold deposit, Eastern Desert, Egypt. Ore Geology Reviews, 2019, 105, 236-257.	1.1	25
35	Phase equilibria, thermodynamic properties, and solubility of quartz in saline-aqueous-carbonic fluids: Application to orogenic and intrusion-related gold deposits. Geochimica Et Cosmochimica Acta, 2020, 283, 201-221.	1.6	25
36	Controls on lode gold mineralization, Romite deposit, South Eastern Desert, Egypt. Geoscience Frontiers, 2012, 3, 571-585.	4.3	21

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37	Metal and fluid sources in a potential world-class gold deposit: El-Sid mine, Egypt. International Journal of Earth Sciences, 2015, 104, 645-661.	0.9	21
38	Gold endowment in the evolution of the Allaqi-Heiani suture, Egypt: A synthesis of geological, structural, and space-borne imagery data. Ore Geology Reviews, 2019, 110, 102938.	1.1	20
39	Hybrid granite magmatism during orogenic collapse in the Eastern Desert of Egypt: Inferences from whole-rock geochemistry and zircon Uâ€“Pbâ€“Hf isotopes. Precambrian Research, 2021, 354, 106044.	1.2	20
40	Granitoid-associated gold mineralization in Egypt: a case study from the Atalla mine. Mineralium Deposita, 2018, 53, 701-720.	1.7	18
41	Geochemical and geochronological characteristics of the Um Rus granite intrusion and associated gold deposit, Eastern Desert, Egypt. Geoscience Frontiers, 2020, 11, 325-345.	4.3	18
42	Extreme fractionation and magmaticâ€“hydrothermal transition in the formation of the Abu Dabbab rare-metal granite, Eastern Desert, Egypt. Lithos, 2020, 352-353, 105329.	0.6	18
43	Petrogenesis and evolution of the Nuweibi rare-metal granite, Central Eastern Desert, Egypt. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	13
44	Use ofÂLandsat-8 OLI data for delineating fracture systems in subsoil regions: implications for groundwater prospection in the Waddai area, eastern Chad. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	13
45	Microchemistry and stable isotope systematics of gold mineralization in a gabbroâ€“diorite complex, SE Egypt. Microchemical Journal, 2012, 103, 148-157.	2.3	11
46	Trace elements and isotope data of the Um Garayat gold deposit, Wadi Allaqi district, Egypt. Mineralium Deposita, 2019, 54, 101-116.	1.7	11
47	New SIMS zircon U-Pb ages and oxygen isotope data for ophiolite nappes in the Eastern Desert of Egypt: Implications for Gondwana assembly. Gondwana Research, 2022, 105, 450-467.	3.0	10
48	Mineral Resources in Egypt (I): Metallic Ores. Regional Geology Reviews, 2020, , 521-587.	1.2	8
49	Geochemistry and mineral chemistry of lode gold mineralisation, SE Egypt: implications for ore genesis and exploration. Arabian Journal of Geosciences, 2013, 6, 4635-4646.	0.6	7
50	Field and spaceborne imagery data for evaluation of the paleo-stress regime during formation of the Jurassic dike swarms in the Kalateh Alaeddin Mountain area, Shahrood, north Iran. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	6
51	ASTER mapping and geochemical analysis of chromitite bodies in the Abu Dahr ophiolites, South Eastern Desert, Egypt. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	4
52	Epigenetic BIF-hosted gold lodes at the Abu Marawat area, Eastern Desert, Egypt: integrated mineralogical, structural control and fluid inclusion studies. Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science, 2009, 118, 59-76.	0.8	2
53	Iron oxide copper-gold (IOCG) mineralization at the Imiter inlier, Eastern Anti-Atlas, Morocco. Chemie Der Erde, 2018, 78, 462-478.	0.8	2
54	Mapping the Dyke Swarms of the Eastern Desert, Egypt. Acta Geologica Sinica, 2016, 90, 28-28.	0.8	1

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55	Gold Metallogeny of the Egyptian South Eastern Desert. Advances in Science, Technology and Innovation, 2019, , 261-263.	0.2	0
56	Origin of the Volcanic-Arc Signature in Late-Orogenic Granitoids from the Arabianâ€“Nubian Shield. Regional Geology Reviews, 2021, , 439-450.	1.2	0