

Basem Ahmed Zoheir

List of Publications by Year in descending order

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56
papers

1,936
citations

185998

28
h-index

264894

42
g-index

56
all docs

56
docs citations

56
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	New SIMS zircon U-Pb ages and oxygen isotope data for ophiolite nappes in the Eastern Desert of Egypt: Implications for Gondwana assembly. <i>Gondwana Research</i> , 2022, 105, 450-467.	3.0	10
2	Origin of the Volcanic-Arc Signature in Late-Orogenic Granitoids from the Arabian–Nubian Shield. <i>Regional Geology Reviews</i> , 2021, , 439-450.	1.2	0
3	Editorial for the Special Issue: Multispectral and Hyperspectral Remote Sensing Data for Mineral Exploration and Environmental Monitoring of Mined Areas. <i>Remote Sensing</i> , 2021, 13, 519.	1.8	36
4	Hybrid granite magmatism during orogenic collapse in the Eastern Desert of Egypt: Inferences from whole-rock geochemistry and zircon U–Pb–Hf isotopes. <i>Precambrian Research</i> , 2021, 354, 106044.	1.2	20
5	Shear-Related Gold Ores in the Wadi Hodein Shear Belt, South Eastern Desert of Egypt: Analysis of Remote Sensing, Field and Structural Data. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 474.	0.8	35
6	Geochemical and geochronological characteristics of the Um Rus granite intrusion and associated gold deposit, Eastern Desert, Egypt. <i>Geoscience Frontiers</i> , 2020, 11, 325-345.	4.3	18
7	Extreme fractionation and magmatic–hydrothermal transition in the formation of the Abu Dabbab rare-metal granite, Eastern Desert, Egypt. <i>Lithos</i> , 2020, 352-353, 105329.	0.6	18
8	ASTER mapping and geochemical analysis of chromitite bodies in the Abu Dahr ophiolites, South Eastern Desert, Egypt. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	4
9	Phase equilibria, thermodynamic properties, and solubility of quartz in saline-aqueous-carbonic fluids: Application to orogenic and intrusion-related gold deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 283, 201-221.	1.6	25
10	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. <i>Ore Geology Reviews</i> , 2020, 122, 103530.	1.1	83
11	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). <i>Remote Sensing</i> , 2020, 12, 1239.	1.8	89
12	Mineral Resources in Egypt (I): Metallic Ores. <i>Regional Geology Reviews</i> , 2020, , 521-587.	1.2	8
13	Multispectral and Radar Data for the Setting of Gold Mineralization in the South Eastern Desert, Egypt. <i>Remote Sensing</i> , 2019, 11, 1450.	1.8	52
14	Mapping Listvenite Occurrences in the Damage Zones of Northern Victoria Land, Antarctica Using ASTER Satellite Remote Sensing Data. <i>Remote Sensing</i> , 2019, 11, 1408.	1.8	60
15	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. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	6
16	Orogenic Gold in Transpression and Transtension Zones: Field and Remote Sensing Studies of the Barramiya–Mueilha Sector, Egypt. <i>Remote Sensing</i> , 2019, 11, 2122.	1.8	70
17	Mapping hydrothermal alteration zones and lineaments associated with orogenic gold mineralization using ASTER data: A case study from the Sanandaj-Sirjan Zone, Iran. <i>Advances in Space Research</i> , 2019, 63, 3315-3332.	1.2	92
18	Orogenic gold in the Egyptian Eastern Desert: Widespread gold mineralization in the late stages of Neoproterozoic orogeny. <i>Gondwana Research</i> , 2019, 75, 184-217.	3.0	56

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19	Gold endowment in the evolution of the Allaqi-Heiani suture, Egypt: A synthesis of geological, structural, and space-borne imagery data. <i>Ore Geology Reviews</i> , 2019, 110, 102938.	1.1	20
20	Use of Landsat-8 OLI data for delineating fracture systems in subsoil regions: implications for groundwater prospection in the Waddai area, eastern Chad. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	13
21	Gold Metallogeny of the Egyptian South Eastern Desert. <i>Advances in Science, Technology and Innovation</i> , 2019, , 261-263.	0.2	0
22	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. <i>Remote Sensing</i> , 2019, 11, 2430.	1.8	72
23	Orogenic gold formation in an evolving, decompressing hydrothermal system: Genesis of the Samut gold deposit, Eastern Desert, Egypt. <i>Ore Geology Reviews</i> , 2019, 105, 236-257.	1.1	25
24	Ediacaran (~ 600 Ma) orogenic gold in Egypt: age of the Atalla gold mineralization and its geological significance. <i>International Geology Review</i> , 2019, 61, 779-794.	1.1	27
25	Trace elements and isotope data of the Um Garayat gold deposit, Wadi Allaqi district, Egypt. <i>Mineralium Deposita</i> , 2019, 54, 101-116.	1.7	11
26	REE geochemical characteristics and satellite-based mapping of hydrothermal alteration in Atud gold deposit, Egypt. <i>Journal of African Earth Sciences</i> , 2018, 145, 317-330.	0.9	31
27	Auriferous shear zones in the central Allaqi-Heiani belt: Orogenic gold in post-accretionary structures, SE Egypt. <i>Journal of African Earth Sciences</i> , 2018, 146, 118-131.	0.9	30
28	Petrogenesis and evolution of the Nuweibi rare-metal granite, Central Eastern Desert, Egypt. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	13
29	Iron oxide copper-gold (IOCG) mineralization at the Imiter inlier, Eastern Anti-Atlas, Morocco. <i>Chemie Der Erde</i> , 2018, 78, 462-478.	0.8	2
30	Application of Multi-Sensor Satellite Data for Exploration of Zn-Pb Sulfide Mineralization in the Franklinian Basin, North Greenland. <i>Remote Sensing</i> , 2018, 10, 1186.	1.8	92
31	Granitoid-associated gold mineralization in Egypt: a case study from the Atalla mine. <i>Mineralium Deposita</i> , 2018, 53, 701-720.	1.7	18
32	Gold-bearing volcanogenic massive sulfides and orogenic-gold deposits in the Nubian Shield. <i>South African Journal of Geology</i> , 2017, 120, 63-76.	0.6	50
33	Mapping the Dyke Swarms of the Eastern Desert, Egypt. <i>Acta Geologica Sinica</i> , 2016, 90, 28-28.	0.8	1
34	Satellite imagery and airborne geophysics for geologic mapping of the Edembo area, Eastern Hoggar (Algerian Sahara). <i>Journal of African Earth Sciences</i> , 2016, 115, 143-158.	0.9	27
35	ASTER-based mapping of ophiolitic rocks: examples from the Allaqi-Heiani suture, SE Egypt. <i>International Geology Review</i> , 2016, 58, 525-539.	1.1	31
36	Lu-Hf and O isotopic compositions on single zircons from the North Eastern Desert of Egypt, Arabian-Nubian Shield: Implications for crustal evolution. <i>Gondwana Research</i> , 2016, 32, 181-192.	3.0	55

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37	Metal and fluid sources in a potential world-class gold deposit: El-Sid mine, Egypt. <i>International Journal of Earth Sciences</i> , 2015, 104, 645-661.	0.9	21
38	Geochemistry and geochronology of the ~620 Ma gold-associated Batouri granitoids, Cameroon. <i>International Geology Review</i> , 2015, 57, 1485-1509.	1.1	38
39	Fluid evolution in the El-Sid gold deposit, Eastern Desert, Egypt. <i>Geological Society Special Publication</i> , 2014, 402, 147-175.	0.8	29
40	Field and ASTER imagery data for the setting of gold mineralization in Western Allaqiâ€œHeiani belt, Egypt: A case study from the Haimur deposit. <i>Journal of African Earth Sciences</i> , 2014, 99, 150-164.	0.9	49
41	Greenstone-hosted lode-gold mineralization at Dungash mine, Eastern Desert, Egypt. <i>Journal of African Earth Sciences</i> , 2014, 99, 165-187.	0.9	29
42	Geochemistry and mineral chemistry of lode gold mineralisation, SE Egypt: implications for ore genesis and exploration. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4635-4646.	0.6	7
43	Au and Cr mobilization through metasomatism: Microchemical evidence from ore-bearing listvenite, South Eastern Desert of Egypt. <i>Journal of Geochemical Exploration</i> , 2013, 125, 34-45.	1.5	32
44	Lode-gold mineralization in convergent wrench structures: Examples from South Eastern Desert, Egypt. <i>Journal of Geochemical Exploration</i> , 2012, 114, 82-97.	1.5	25
45	Controls on lode gold mineralization, Romite deposit, South Eastern Desert, Egypt. <i>Geoscience Frontiers</i> , 2012, 3, 571-585.	4.3	21
46	Integrating geologic and satellite imagery data for high-resolution mapping and gold exploration targets in the South Eastern Desert, Egypt. <i>Journal of African Earth Sciences</i> , 2012, 66-67, 22-34.	0.9	82
47	Microchemistry and stable isotope systematics of gold mineralization in a gabbroâ€œdiorite complex, SE Egypt. <i>Microchemical Journal</i> , 2012, 103, 148-157.	2.3	11
48	Transpressional zones in ophiolitic mÃ©lange terranes: Potential exploration targets for gold in the South Eastern Desert, Egypt. <i>Journal of Geochemical Exploration</i> , 2011, 111, 23-38.	1.5	49
49	Listveniteâ€œlode association at the Barramiya gold mine, Eastern Desert, Egypt. <i>Ore Geology Reviews</i> , 2011, 39, 101-115.	1.1	91
50	Genesis of the Abu Marawat gold deposit, central Eastern Desert of Egypt. <i>Journal of African Earth Sciences</i> , 2010, 57, 306-320.	0.9	30
51	Epigenetic BIF-hosted gold lodes at the Abu Marawat area, Eastern Desert, Egypt: integrated mineralogical, structural control and fluid inclusion studies. <i>Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science</i> , 2009, 118, 59-76.	0.8	2
52	Characteristics and genesis of shear zone-related gold mineralization in Egypt: A case study from the Um El Tuyor mine, south Eastern Desert. <i>Ore Geology Reviews</i> , 2008, 34, 445-470.	1.1	52
53	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. <i>Ore Geology Reviews</i> , 2008, 34, 580-596.	1.1	30
54	Structural controls, temperatureâ€œpressure conditions and fluid evolution of orogenic gold mineralisation at the Betam mine, south Eastern Desert, Egypt. <i>Mineralium Deposita</i> , 2008, 43, 79-95.	1.7	35

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55	Origin and Evolution of the Um Egat and Dungash Orogenic Gold Deposits, Egyptian Eastern Desert: Evidence from Fluid Inclusions in Quartz. <i>Economic Geology</i> , 2008, 103, 405-424.	1.8	51
56	The tectono-metamorphic evolution of the central part of the Neoproterozoic Allaqîâ€Heiani suture, south Eastern Desert of Egypt. <i>Gondwana Research</i> , 2007, 12, 289-304.	3.0	52