

Kamal A Ali

List of Publications by Year in descending order

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49
papers

2,731
citations

218677

26
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Orogen styles in the East African Orogen: A review of the Neoproterozoic to Cambrian tectonic evolution. <i>Journal of African Earth Sciences</i> , 2013, 86, 65-106.	2.0	561
2	Geochemistry, Nd isotopes and U ²³⁵ /Pb SHRIMP zircon dating of Neoproterozoic volcanic rocks from the Central Eastern Desert of Egypt: New insights into the ~1/4750Ma crust-forming event. <i>Precambrian Research</i> , 2009, 171, 1-22.	2.7	198
3	SHRIMP zircon dating and Sm/Nd isotopic investigations of Neoproterozoic granitoids, Eastern Desert, Egypt. <i>Precambrian Research</i> , 2008, 160, 341-356.	2.7	179
4	ÅDistribution and significance of pre-Neoproterozoic zircons in juvenile Neoproterozoic igneous rocks of the Arabian-Nubian Shield. <i>Numerische Mathematik</i> , 2010, 310, 791-811.	1.4	161
5	Age constraints on the formation and emplacement of Neoproterozoic ophiolites along the Allaqi ² Heiani Suture, South Eastern Desert of Egypt. <i>Gondwana Research</i> , 2010, 18, 583-595.	6.0	152
6	U ²³⁵ -Pb zircon dating and Sr ⁸⁷ -Nd ¹⁴³ -Hf isotopic evidence to support a juvenile origin of the ~ 634 Ma El Shalul granitic gneiss dome, Arabian ² Nubian Shield. <i>Geological Magazine</i> , 2012, 149, 783-797.	1.5	84
7	Geochemistry and Sr ⁸⁷ -Nd ¹⁴³ -Pb isotopic composition of the Harrat Al-Madinah Volcanic Field, Saudi Arabia. <i>Gondwana Research</i> , 2012, 21, 670-689.	6.0	83
8	Geochemistry, geochronology, and Sr ⁸⁷ -Nd isotopes of the Late Neoproterozoic Wadi Kid volcano-sedimentary rocks, Southern Sinai, Egypt: Implications for tectonic setting and crustal evolution. <i>Lithos</i> , 2012, 154, 147-165.	1.4	81
9	Neoproterozoic diamictite in the Eastern Desert of Egypt and Northern Saudi Arabia: evidence of ~750ÅMa glaciation in the Arabian ² Nubian Shield?. <i>International Journal of Earth Sciences</i> , 2010, 99, 705-726.	1.8	79
10	Hf isotopic composition of single zircons from Neoproterozoic arc volcanics and post-collision granites, Eastern Desert of Egypt: Implications for crustal growth and recycling in the Arabian-Nubian Shield. <i>Precambrian Research</i> , 2013, 239, 42-55.	2.7	79
11	~1/4750 Ma banded iron formation from the Arabian-Nubian Shield ² Implications for understanding neoproterozoic tectonics, volcanism, and climate change. <i>Precambrian Research</i> , 2013, 239, 79-94.	2.7	74
12	Composition, age, and origin of the ~620ÅMa Humr Akarim and Humrat Mukbid A-type granites: no evidence for pre-Neoproterozoic basement in the Eastern Desert, Egypt. <i>International Journal of Earth Sciences</i> , 2012, 101, 1705-1722.	1.8	71
13	U ²³⁵ -Pb zircon geochronology and Hf ¹⁷⁷ -Nd isotopic systematics of Wadi Beitan granitoid gneisses, South Eastern Desert, Egypt. <i>Gondwana Research</i> , 2015, 27, 811-824.	6.0	70
14	Zircon trace element geochemical constraints on the evolution of the Ediacaran (600 ² 614Ma) post-collisional Dokhan Volcanics and Younger Granites of SE Sinai, NE Arabian ² Nubian Shield. <i>Chemical Geology</i> , 2013, 360-361, 54-73.	3.3	66
15	⁴⁰ Ar/ ³⁹ Ar geochronology of the Neogene-Quaternary Harrat Al-Madinah intercontinental volcanic field, Saudi Arabia: Implications for duration and migration of volcanic activity. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 253-268.	2.3	65
16	Geochemical, U ²³⁵ -Pb zircon, and Nd isotope investigations of the Neoproterozoic Ghawjah Metavolcanic rocks, Northwestern Saudi Arabia. <i>Lithos</i> , 2010, 120, 379-392.	1.4	56
17	Lu ¹⁷⁶ -Hf and O isotopic compositions on single zircons from the North Eastern Desert of Egypt, Arabian ² Nubian Shield: Implications for crustal evolution. <i>Gondwana Research</i> , 2016, 32, 181-192.	6.0	55
18	Geochemistry of the Late Neoproterozoic Hadb adh Dayheen ring complex, Central Arabian Shield: Implications for the origin of rare-metal-bearing post-orogenic A-type granites. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 1324-1340.	2.3	51

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19	Neoproterozoic contaminated MORB of Wadi Ghadir ophiolite, NE Africa: Geochemical and Nd and Sr isotopic constraints. <i>Journal of African Earth Sciences</i> , 2011, 59, 227-242.	2.0	48
20	Neoproterozoic ophiolitic peridotites along the Allaqi-Heiani suture, South Eastern Desert, Egypt. <i>Mineralogy and Petrology</i> , 2013, 107, 829-848.	1.1	45
21	Sources of rare-metal-bearing A-type granites from Jabel Sayed complex, Northern Arabian Shield, Saudi Arabia. <i>Journal of Asian Earth Sciences</i> , 2015, 107, 244-258.	2.3	41
22	The Wadi Zaghra metasediments of Sinai, Egypt: new constraints on the late Cryogenian–Ediacaran tectonic evolution of the northernmost Arabian–Nubian Shield. <i>International Geology Review</i> , 2014, 56, 1020-1038.	2.1	38
23	P–T path and timing of crustal thickening during amalgamation of East and West Gondwana: A case study from the Hafafit Metamorphic Complex, Eastern Desert of Egypt. <i>Lithos</i> , 2016, 263, 213-238.	1.4	38
24	U–Pb zircon geochronology of the eastern part of the Southern Ethiopian Shield. <i>Precambrian Research</i> , 2012, 206-207, 159-167.	2.7	35
25	U–Pb zircon geochronology and Nd–Hf–O isotopic systematics of the Neoproterozoic Haddadh Dayheen ring complex, Central Arabian Shield, Saudi Arabia. <i>Lithos</i> , 2014, 206-207, 348-360.	1.4	33
26	Cadomian (~4560 Ma) crust buried beneath the northern Arabian Peninsula: Mineral, chemical, geochronological, and isotopic constraints from NE Jordan xenoliths. <i>Earth and Planetary Science Letters</i> , 2016, 436, 31-42.	4.4	33
27	Single zircon Hf–O isotope constraints on the origin of A-type granites from the Jabal Al-Hassir ring complex, Saudi Arabia. <i>Precambrian Research</i> , 2015, 256, 131-147.	2.7	27
28	Early Carboniferous (~357 Ma) crust beneath northern Arabia: Tales from Tell Thannoun (southern) Tj ETQq0 0 0, rgBT /Overlock 10 T	4.4	23
29	Fatima suture: A new amalgamation zone in the western Arabian Shield, Saudi Arabia. <i>Precambrian Research</i> , 2014, 249, 57-78.	2.7	22
30	Geochemistry and petrogenesis of the Ediacaran post-collisional Jabal Al-Hassir ring complex, Southern Arabian Shield, Saudi Arabia. <i>Chemie Der Erde</i> , 2013, 73, 451-467.	2.0	20
31	Nature of the lithospheric mantle beneath the Arabian Shield and genesis of Al-spinel micropods: Evidence from the mantle xenoliths of Harrat Kishb, Western Saudi Arabia. <i>Lithos</i> , 2016, 240-243, 119-139.	1.4	20
32	Crustal Evolution of the Egyptian Precambrian Rocks. <i>Regional Geology Reviews</i> , 2020, , 131-151.	1.2	19
33	An Application of Transfer to American Football: From Observation of Raw Video to Control in a Simulated Environment. <i>AI Magazine</i> , 2011, 32, 107.	1.6	17
34	A new look on Imperial Porphyry: a famous ancient dimension stone from the Eastern Desert of Egypt—petrogenesis and cultural relevance. <i>International Journal of Earth Sciences</i> , 2018, 107, 2393-2408.	1.8	16
35	The Atud gabbro–diorite complex: glimpse of the Cryogenian mixing, assimilation, storage and homogenization zone beneath the Eastern Desert of Egypt. <i>Journal of the Geological Society</i> , 2020, 177, 965-980.	2.1	14
36	U–Pb zircon and ⁴⁰ Ar/ ³⁹ Ar geochronology of sericite from hydrothermal alteration zones: new constraints for the timing of Ediacaran gold mineralization in the Sukhaybarat area, western Afif terrane, Saudi Arabia. <i>Mineralium Deposita</i> , 2018, 53, 459-476.	4.1	12

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37	The structural geometry and metamorphic evolution of the Umm Gheig shear belt, Central Eastern Desert, Egypt: Implications for exhumation of Sibai core complex during oblique transpression. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	12
38	Geophysical characterization of the role of fault and fracture systems for recharging groundwater aquifers from surface water of Lake Nasser. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2018, 7, 99-106.	0.9	10
39	Provenance and metamorphic PT conditions of Cryogenian–Ediacaran metasediments from the Kid metamorphic complex, Sinai, NE Arabian–Nubian Shield: Insights from detrital zircon geochemistry and mineral chemistry. <i>Tectonophysics</i> , 2015, 665, 199-217.	2.2	7
40	Subduction to post-collisional volcanism in the Northern Arabian-Nubian Shield: Genesis of Cryogenian/Ediacaran intermediate-felsic magmas and the lifespan of a Neoproterozoic mature island arc. <i>Precambrian Research</i> , 2021, 358, 106148.	2.7	7
41	Chapter 22 Evidence for Early and Mid-Cryogenian glaciation in the Northern Arabian–Nubian Shield (Egypt, Sudan, and western Arabia). <i>Geological Society Memoir</i> , 2011, 36, 277-284.	1.7	6
42	Investigating Sediment and Velocity Distribution Profiles for Nubia Lake Using RS/GIS and Field Data. <i>Procedia Engineering</i> , 2016, 154, 291-298.	1.2	6
43	Assessment of sedimentation capacity in Lake Nasser, Egypt, utilizing RS and GIS. <i>Procedia Manufacturing</i> , 2018, 22, 558-566.	1.9	5
44	Towards knowledge-based identification of mineral mixtures from reflectance spectra. <i>Knowledge-Based Systems</i> , 1989, 2, 5-13.	7.1	4
45	Geochemistry and U-Pb zircon dating constraints of some plutonic rocks along Bir Tawilah shear zone, central Saudi Arabia: Implication for magma petrogenesis and age of gold mineralization. <i>Chemie Der Erde</i> , 2016, 76, 309-324.	2.0	4
46	Nature and evolution of the Precambrian lithosphere beneath the Arabian Shield of Saudi Arabia deduced from a suite of xenoliths from the Harrat Hutaymah Cenozoic volcanic field. <i>Lithos</i> , 2019, 344-345, 1-21.	1.4	4
47	Short note of field workshop on Neoproterozoic ophiolites, ophiolitic maganges and other rock units in the Eastern Desert of Egypt and comparison with the Central Asian Orogenic Belt of Central Asia (18–24 February 2016). <i>International Geology Review</i> , 2016, 58, 1127-1129.	2.1	0
48	An Overview Study of Zircon Geochronology from Sinai Precambrian Basement: Implications for Crustal Evolution of Northern Arabian-Nubian Shield. <i>Regional Geology Reviews</i> , 2021, , 535-557.	1.2	0
49	Geochemical and geochronological constraints on the gold-sulfide mineralization and host granitoid rocks in the Bulghah and Al-Maham prospects, central Arabian Shield, Saudi Arabia. <i>Journal of Asian Earth Sciences</i> , 2021, 223, 105004.	2.3	0