

# 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	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
2	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
3	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
4	Crustal Evolution of the Egyptian Precambrian Rocks. <i>Regional Geology Reviews</i> , 2020, , 131-151.	1.2	19
5	The Atud gabbroâ€“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
6	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
7	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
8	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
9	Assessment of sedimentation capacity in Lake Nasser, Egypt, utilizing RS and GIS. <i>Procedia Manufacturing</i> , 2018, 22, 558-566.	1.9	5
10	A new look on Imperial Porphyry: a famous ancient dimension stone from the Eastern Desert of Egyptâ€”petrogenesis and cultural relevance. <i>International Journal of Earth Sciences</i> , 2018, 107, 2393-2408.	1.8	16
11	U-Pb zircon and <sup>40</sup> Ar/ <sup>39</sup> 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
12	Short note of field workshop on Neoproterozoic ophiolites, ophiolitic mÃ©langes and other rock units in the Eastern Desert of Egypt and comparison with the Central Asian Orogenic Belt of Central Asia (18â€“24 February 2016). <i>International Geology Review</i> , 2016, 58, 1127-1129.	2.1	0
13	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
14	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
15	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
16	Pâ€“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
17	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
18	Luâ€“Hf and O isotopic compositions on single zircons from the North Eastern Desert of Egypt, Arabianâ€“Nubian Shield: Implications for crustal evolution. <i>Gondwana Research</i> , 2016, 32, 181-192.	6.0	55

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19	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
20	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
21	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
22	U–Pb zircon geochronology and Hf–Nd isotopic systematics of Wadi Beitan granitoid gneisses, South Eastern Desert, Egypt. <i>Gondwana Research</i> , 2015, 27, 811-824.	6.0	70
23	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
24	U–Pb zircon geochronology and Nd–Hf–O isotopic systematics of the Neoproterozoic Hadb adh Dayheen ring complex, Central Arabian Shield, Saudi Arabia. <i>Lithos</i> , 2014, 206-207, 348-360.	1.4	33
25	Fatima suture: A new amalgamation zone in the western Arabian Shield, Saudi Arabia. <i>Precambrian Research</i> , 2014, 249, 57-78.	2.7	22
26	Early Carboniferous (~4357 Ma) crust beneath northern Arabia: Tales from Tell Thannoun (southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.4	23
27	Neoproterozoic ophiolitic peridotites along the Allaqi-Heiani suture, South Eastern Desert, Egypt. <i>Mineralogy and Petrology</i> , 2013, 107, 829-848.	1.1	45
28	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
29	~750 Ma banded iron formation from the Arabian-Nubian Shield—Implications for understanding neoproterozoic tectonics, volcanism, and climate change. <i>Precambrian Research</i> , 2013, 239, 79-94.	2.7	74
30	Zircon trace element geochemical constraints on the evolution of the Ediacaran (600–614Ma) post-collisional Dokhan Volcanics and Younger Granites of SE Sinai, NE Arabian–Nubian Shield. <i>Chemical Geology</i> , 2013, 360-361, 54-73.	3.3	66
31	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
32	<sup>40</sup> Ar/ <sup>39</sup> 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
33	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
34	U–Pb zircon dating and Sr–Nd–Hf isotopic evidence to support a juvenile origin of the ~ 634 Ma El Shalul granitic gneiss dome, Arabian–Nubian Shield. <i>Geological Magazine</i> , 2012, 149, 783-797.	1.5	84
35	Composition, age, and origin of the ~620 Ma 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
36	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

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37	Geochemistry, geochronology, and Sr <sup>87</sup> /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
38	Geochemistry and Sr <sup>87</sup> /Nd isotopic composition of the Harrat Al-Madinah Volcanic Field, Saudi Arabia. <i>Gondwana Research</i> , 2012, 21, 670-689.	6.0	83
39	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
40	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
41	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
42	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
43	Neoproterozoic diamictite in the Eastern Desert of Egypt and Northern Saudi Arabia: evidence of ~750 Ma glaciation in the Arabian Nubian Shield?. <i>International Journal of Earth Sciences</i> , 2010, 99, 705-726.	1.8	79
44	Geochemical, U <sup>235</sup> /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
45	Age constraints on the formation and emplacement of Neoproterozoic ophiolites along the Allaq Heiani Suture, South Eastern Desert of Egypt. <i>Gondwana Research</i> , 2010, 18, 583-595.	6.0	152
46	Distribution 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
47	Geochemistry, Nd isotopes and U <sup>235</sup> /Pb SHRIMP zircon dating of Neoproterozoic volcanic rocks from the Central Eastern Desert of Egypt: New insights into the ~750 Ma crust-forming event. <i>Precambrian Research</i> , 2009, 171, 1-22.	2.7	198
48	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
49	Towards knowledge-based identification of mineral mixtures from reflectance spectra. <i>Knowledge-Based Systems</i> , 1989, 2, 5-13.	7.1	4