

Åafak Altunkaynak

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,692
citations

516710

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477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	When Did the Western Anatolian Grabens Begin to Develop?. Geological Society Special Publication, 2000, 173, 353-384.	1.3	250
2	Geochemistry and tectonics of Cenozoic volcanism in the Lesser Caucasus (Azerbaijan) and the peri-Arabian region: collision-induced mantle dynamics and its magmatic fingerprint. International Geology Review, 2010, 52, 536-578.	2.1	231
3	Cenozoic Crustal Evolution and Mantle Dynamics of Post-Collisional Magmatism in Western Anatolia. International Geology Review, 2007, 49, 431-453.	2.1	174
4	Geochemical and temporal evolution of Cenozoic magmatism in western Turkey: mantle response to collision, slab break-off, and lithospheric tearing in an orogenic belt. Geological Society Special Publication, 2009, 311, 213-233.	1.3	144
5	Collision-Driven Slab Breakoff Magmatism in Northwestern Anatolia, Turkey. Journal of Geology, 2007, 115, 63-82.	1.4	132
6	Petrogenesis and time-progressive evolution of the Cenozoic continental volcanism in the Biga Peninsula, NW Anatolia (Turkey). Lithos, 2008, 102, 316-340.	1.4	119
7	Spatial, temporal and geochemical evolution of Oligo-Miocene granitoid magmatism in western Anatolia, Turkey. Gondwana Research, 2012, 21, 961-986.	6.0	101
8	Eocene Granitic Magmatism in NW Anatolia (Turkey) revisited: New implications from comparative zircon SHRIMP U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology and isotope geochemistry on magma genesis and emplacement. Lithos, 2012, 155, 289-309.	1.4	88
9	Geochemistry of Neogene-Quaternary alkaline volcanism in western Anatolia, Turkey, and implications for the Aegean mantle. International Geology Review, 2010, 52, 631-655.	2.1	73
10	The $\text{Å}\text{ubukluda}\text{Å}$ graben, south of Å° zmir: its tectonic significance in the Neogene geological evolution of the western Anatolia. Geodinamica Acta, 2001, 14, 45-55.	2.2	62
11	Eocene mafic volcanism in northern Anatolia: its causes and mantle sources in the absence of active subduction. International Geology Review, 2013, 55, 1641-1659.	2.1	46
12	The $\text{Å}\text{ubukludag}$ graben, south of Izmir: its tectonic significance in the Neogene geological evolution of the western Anatolia. Geodinamica Acta, 2001, 14, 45-55.	2.2	44
13	The Kozak Pluton and its emplacement. Geological Journal, 1999, 34, 257-274.	1.3	39
14	Causes and effects of geochemical variations in late Cenozoic volcanism of the Fo Å sa volcanic centre, NW Anatolia, Turkey. International Geology Review, 2010, 52, 579-607.	2.1	38
15	Syn-extensional granitoids in the Menderes core complex and the late Cenozoic extensional tectonics of the Aegean province. Geological Society Special Publication, 2009, 321, 197-223.	1.3	31
16	Source components and magmatic processes in the genesis of Miocene to Quaternary lavas in western Turkey: constraints from HSE distribution and Hf-Pb-Os isotopes. Contributions To Mineralogy and Petrology, 2015, 170, 1.	3.1	23
17	Nature and genesis of potassic high Ba Sr granitoids associated with syn-convergent extension in NW Turkey. Lithos, 2018, 316-317, 261-277.	1.4	12
18	Role of mantle and lower continental crust in the genesis of Eocene post-collisional granitoids: Insights from the Topuk pluton (NW Turkey). Journal of Asian Earth Sciences, 2019, 179, 365-384.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Cooling and deformation history of the AđataldaŸ Metamorphic Core Complex (NW Turkey). Journal of Asian Earth Sciences, 2019, 172, 279-291.	2.3	11
20	Interplay between volcanic and plutonic systems: A case study of the early Miocene Solarya Volcano-plutonic Complex in NW Anatolia (Turkey). Journal of Asian Earth Sciences, 2019, 179, 319-336.	2.3	9
21	Magma chamber processes and dynamics beneath northwestern Anatolia: Insights from mineral chemistry and crystal size distributions (CSDs) of the Kepsut volcanic complex (NW Turkey). Journal of Asian Earth Sciences, 2019, 181, 103889.	2.3	8
22	Some remarks on the nature of mantle metasomatism beneath western AnatolianŸ Aegean region: Contrasting isotopic signatures recorded in the Miocene lavas from the SŸrke Basin. Geological Journal, 2019, 54, 3860-3877.	1.3	8
23	Origin of Eocene adakitic magmatism in northwest Turkey. Journal of Asian Earth Sciences, 2020, 190, 104147.	2.3	8
24	Distribution of natural radioactivity and assessment of radioactive dose of Western Anatolian plutons, Turkey. Turkish Journal of Earth Sciences, 2016, 25, 434-455.	1.0	7
25	The emplacement history of granitic intrusions into the upper crust: Forceful to passive emplacement of the early Miocene Solarya Pluton (NW Turkey) as a case study. Journal of Asian Earth Sciences, 2019, 183, 103979.	2.3	6
26	Miocene uplift and exhumation history of northwestern Anatolia (Turkey): Implications from apatite (U-Th)/He thermochronology of syn-extensional plutons. Journal of Asian Earth Sciences, 2021, 213, 104770.	2.3	5
27	Geochemistry of uranium and thorium and natural radioactivity levels of the western Anatolian plutons, Turkey. Mineralogy and Petrology, 2017, 111, 677-691.	1.1	4
28	The role of accreted continental crust in the formation of granites within the Alpine style continental collision zone: Geochemical and geochronological constrains from leucogranites in the AđataldaŸ Metamorphic Core Complex (NW Turkey). Lithos, 2020, 354-355, 105347.	1.4	3