

Faruk Aydın

List of Publications by Year in descending order

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687363

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#	ARTICLE	IF	CITATIONS
1	Generation of the Early Cenozoic adakitic volcanism by partial melting of mafic lower crust, Eastern Turkey: Implications for crustal thickening to delamination. <i>Lithos</i> , 2010, 114, 109-120.	1.4	211
2	Relative contributions of crust and mantle to generation of Campanian high-K calc-alkaline I-type granitoids in a subduction setting, with special reference to the HarĖit Pluton, Eastern Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 467-487.	3.1	144
3	Petrogenesis of the Neogene alkaline volcanics with implications for post-collisional lithospheric thinning of the Eastern Pontides, NE Turkey. <i>Lithos</i> , 2008, 104, 249-266.	1.4	116
4	AcigĖl rhyolite field, Central Anatolia (part 1): high-resolution dating of eruption episodes and zircon growth rates. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 1215-1231.	3.1	98
5	Adakite-like granitoid porphyries in the Eastern Pontides, NE Turkey: Potential parental melts and geodynamic implications. <i>Lithos</i> , 2011, 127, 354-372.	1.4	93
6	Geochemical fingerprints of Late Triassic calc-alkaline lamprophyres from the Eastern Pontides, NE Turkey: A key to understanding lamprophyre formation in a subduction-related environment. <i>Lithos</i> , 2014, 196-197, 181-197.	1.4	71
7	Quaternary bimodal volcanism in the NiĖde Volcanic Complex (Cappadocia, central Anatolia, Turkey): age, petrogenesis and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	3.1	55
8	Geochronology, geochemistry, and petrogenesis of the MaĖka subvolcanic intrusions: implications for the Late Cretaceous magmatic and geodynamic evolution of the eastern part of the Sakarya Zone, northeastern Turkey. <i>International Geology Review</i> , 2014, 56, 1246-1275.	2.1	52
9	Latest Cretaceous A2-type granites in the Sakarya Zone, NE Turkey: Partial melting of mafic lower crust in response to roll-back of Neo-Tethyan oceanic lithosphere. <i>Lithos</i> , 2018, 302-303, 312-328.	1.4	48
10	Postcollisional transition from subduction- to intraplate-type magmatism in the eastern Sakarya zone, Turkey: Indicators of northern Neotethyan slab breakoff. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1623-1642.	3.3	34
11	C2/c pyroxene phenocrysts from three potassic series in the Neogene alkaline volcanics, NE Turkey: their crystal chemistry with petrogenetic significance as an indicator of P-T conditions. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 131-147.	3.1	25
12	Temporal, geochemical and geodynamic evolution of the Late Cretaceous subduction zone volcanism in the eastern Sakarya Zone, NE Turkey: Implications for mantle-crust interaction in an arc setting. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104217.	2.3	25
13	Adakite-like parental melt generation by partial fusion of juvenile lower crust, Sakarya Zone, NE Turkey: A far-field response to break-off of the southern Neotethyan oceanic lithosphere. <i>Lithos</i> , 2019, 338-339, 58-72.	1.4	24
14	Geochemical modelling of early Eocene adakitic magmatism in the Eastern Pontides, NE Anatolia: continental crust or subducted oceanic slab origin?. <i>International Geology Review</i> , 2013, 55, 2083-2095.	2.1	16
15	Nature of the Early Cretaceous lamprophyre and high-Nb basaltic dykes, NE Turkey: Constraints on their linkage to subduction initiation of Neotethyan oceanic lithosphere. <i>Lithos</i> , 2021, 380-381, 105884.	1.4	6
16	Tracking the timing of Neotethyan oceanic slab break-off: Geochronology and geochemistry of the quartz diorite porphyries, NE Turkey. <i>Journal of Asian Earth Sciences</i> , 2020, 200, 104456.	2.3	4
17	Slab break-off-related magnesian andesites and dacites with adakitic affinity from the early Quaternary KeĖiboyduran stratovolcano, Cappadocia province, central Turkey: evidence for slab/sediment melt-mantle interaction and magma mixing. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	3.1	3