

Ercan Aldanmaz

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,869
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Petrogenetic evolution of late Cenozoic, post-collision volcanism in western Anatolia, Turkey. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 102, 67-95.	2.1	890
2	Geochemical constraints on the Cenozoic, OIB-type alkaline volcanic rocks of NW Turkey: Implications for mantle sources and melting processes. <i>Lithos</i> , 2006, 86, 50-76.	1.4	150
3	Mid-ocean ridge and supra-subduction geochemical signatures in spinel-peridotites from the Neotethyan ophiolites in SW Turkey: Implications for upper mantle melting processes. <i>Lithos</i> , 2009, 113, 691-708.	1.4	110
4	Geochemical characteristics of mafic lavas from the Neotethyan ophiolites in western Turkey: implications for heterogeneous source contribution during variable stages of ocean crust generation. <i>Geological Magazine</i> , 2008, 145, 37-54.	1.5	101
5	Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1771-1785.	2.5	97
6	Eocene Granitic Magmatism in NW Anatolia (Turkey) revisited: New implications from comparative zircon SHRIMP U-Pb and ^{40}Ar - ^{39}Ar geochronology and isotope geochemistry on magma genesis and emplacement. <i>Lithos</i> , 2012, 155, 289-309.	1.4	88
7	Geochemical Constraints on the Petrogenesis of Cenozoic I-Type Granitoids in Northwest Anatolia, Turkey: Evidence for Magma Generation by Lithospheric Delamination in a Post-Collisional Setting. <i>International Geology Review</i> , 2004, 46, 705-729.	2.1	82
8	Mantle Source Characteristics of Alkali Basalts and Basanites in an Extensional Intracontinental Plate Setting, Western Anatolia, Turkey: Implications for Multi-stage Melting. <i>International Geology Review</i> , 2002, 44, 440-457.	2.1	73
9	Late Miocene transcurrent tectonics in NW Turkey: evidence from palaeomagnetism and ^{40}Ar - ^{39}Ar dating of alkaline volcanic rocks. <i>Geological Magazine</i> , 2007, 144, 379-392.	1.5	68
10	Origin of the Upper Cretaceous-Tertiary sedimentary basins within the Tauride-Anatolide platform in Turkey. <i>Geological Magazine</i> , 2002, 139, 191-197.	1.5	42
11	Osmium isotope systematics and highly siderophile element fractionation in spinel-peridotites from the Tethyan ophiolites in SW Turkey: Implications for multi-stage evolution of oceanic upper mantle. <i>Chemical Geology</i> , 2012, 294-295, 152-164.	3.3	27
12	Constraints on the composition and thermal structure of the upper mantle beneath NW Turkey: Evidence from mantle xenoliths and alkali primary melts. <i>Journal of Geodynamics</i> , 2005, 39, 277-316.	1.6	24
13	Platinum-Group-Element Systematics of Peridotites from Ophiolite Complexes of Northwest Anatolia, Turkey: Implications for Mantle Metasomatism by Melt Percolation in a Supra-subduction Zone Environment. <i>International Geology Review</i> , 2006, 48, 420-442.	2.1	23
14	Trace element geochemistry of primary mantle minerals in spinel-peridotites from polygenetic MOR-SSZ suites of SW Turkey: constraints from an LA-ICP-MS study and implications for mantle metasomatism. <i>Geological Journal</i> , 2012, 47, 59-76.	1.3	23
15	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. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	23
16	Effects of reactive dissolution of orthopyroxene in producing incompatible element depleted melts and refractory mantle residues during early fore-arc spreading: constraints from ophiolites in eastern Mediterranean. <i>Lithos</i> , 2020, 360-361, 105438.	1.4	15
17	Osmium isotope and highly siderophile element geochemistry of mantle xenoliths from NW Turkey: implications for melt depletion and metasomatic history of the sub-continental lithospheric mantle. <i>International Geology Review</i> , 2012, 54, 799-815.	2.1	8
18	Some remarks on the nature of mantle metasomatism beneath western Anatolian-Aegean region: Contrasting isotopic signatures recorded in the Miocene lavas from the Sığirci Basin. <i>Geological Journal</i> , 2019, 54, 3860-3877.	1.3	8

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19	The origin of low-Ca olivine from ultramafic xenoliths and host basaltic lavas in a back-arc setting, James Ross Island, Antarctic Peninsula. Lithos, 2019, 342-343, 276-287.	1.4	7
20	Lithostratigraphy and petrology of Lachman Crags and Cape Lachman lava-fed deltas, Ulu Peninsula, James Ross Island, north-eastern Antarctic Peninsula: Preliminary results. Czech Polar Reports, 2018, 8, 60-83.	0.6	7
21	Transpressional deformation in the lithospheric mantle beneath the North Anatolian Fault Zone. Tectonophysics, 2021, 815, 228989.	2.2	3