Ercan Aldanmaz

List of Publications by Year
in descending order

21 papers	1,869 citations	566801 15 h-index	713013 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. Journal of Volcanology and Geothermal Research, 2000, 102, 67-95.	0.8	890
2	Geochemical constraints on the Cenozoic, OIB-type alkaline volcanic rocks of NW Turkey: Implications for mantle sources and melting processes. Lithos, 2006, 86, 50-76.	0.6	150
3	Mid-ocean ridge and supra-subduction geochemical signatures in spinelâ€“peridotites from the Neotethyan ophiolites in SW Turkey: Implications for upper mantle melting processes. Lithos, 2009, 113, 691-708.	0.6	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. Geological Magazine, 2008, 145, 37-54.	0.9	101
5	Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions. Geochemistry, Geophysics, Geosystems, 2015, 16, 1771-1785.	1.0	97
6	Eocene Granitic Magmatism in NW Anatolia (Turkey) revisited: New implications from comparative zircon SHRIMP Uâ€“Pb and 40Arâ€“39Ar geochronology and isotope geochemistry on magma genesis and emplacement. Lithos, 2012, 155, 289-309.	0.6	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. International Geology Review, 2004, 46, 705-729.	1.1	82
8	Mantle Source Characteristics of Alkali Basalts and Basanites in an Extensional Intracontinental Plate Setting, Western Anatolia, Turkey: Implications for Multi-stage Melting. International Geology Review, 2002, 44, 440-457.	1.1	73
9	Late Miocene transcurrent tectonics in NW Turkey: evidence from palaeomagnetism and 40Arâ€“39Ar dating of alkaline volcanic rocks. Geological Magazine, 2007, 144, 379-392.	0.9	68
10	Origin of the Upper Cretaceousâ€“Tertiary sedimentary basins within the Taurideâ€“Anatolide platform in Turkey. Geological Magazine, 2002, 139, 191-197.	0.9	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. Chemical Geology, 2012, 294-295, 152-164.	1.4	27
12	Constraints on the composition and thermal structure of the upper mantle beneath NW Turkey: Evidence from mantle xenoliths and alkali primary melts. Journal of Geodynamics, 2005, 39, 277-316.	0.7	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. International Geology Review, 2006, 48, 420-442.	1.1	23
14	Trace element geochemistry of primary mantle minerals in spinelâ€peridotites from polygenetic MORâ€“SSZ suites of SW Turkey: constraints from an LAâ€ICPâ€MS study and implications for mantle metasomatism. Geological Journal, 2012, 47, 59-76.	0.6	23
15	Source components and magmatic processes in the genesis of Miocene to Quaternary lavas in western Turkey: constraints from HSE distribution and Hfâ€“Pbâ€“Os isotopes. Contributions To Mineralogy and Petrology, 2015, 170, 1.	1.2	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. Lithos, 2020, 360-361, 105438.	0.6	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. International Geology Review, 2012, 54, 799-815.	1.1	8
18	Some remarks on the nature of mantle metasomatism beneath western Anatolianâ€“Aegean region: Contrasting isotopic signatures recorded in the Miocene lavas from the SÃ¶ke Basin. Geological Journal, 2019, 54, 3860-3877.	0.6	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.	0.6	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.	0.2	7
21	Transpressional deformation in the lithospheric mantle beneath the North Anatolian Fault Zone. Tectonophysics, 2021, 815, 228989.	0.9	3