

Yalın E Ersoy

List of Publications by Year in descending order

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34
papers

1,599
citations

279798

23
h-index

361022

35
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37
docs citations

37
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	FCâ€“AFCâ€“FCA and mixing modeler: A Microsoft® Excel© spreadsheet program for modeling geochemical differentiation of magma by crystal fractionation, crustal assimilation and mixing. <i>Computers and Geosciences</i> , 2010, 36, 383-390.	4.2	163
2	Coexistence of abyssal and ultra-depleted SSZ type mantle peridotites in a Neo-Tethyan Ophiolite in SW Turkey: Constraints from mineral composition, whole-rock geochemistry (majorâ€“traceâ€“REEâ€“PGE), and Reâ€“Os isotope systematics. <i>Lithos</i> , 2012, 132-133, 50-69.	1.4	157
3	Eocene-Quaternary magmatic activity in the Aegean: Implications for mantle metasomatism and magma genesis in an evolving orogeny. <i>Lithos</i> , 2013, 180-181, 5-24.	1.4	100
4	Mantle source characteristics and melting models for the early-middle Miocene mafic volcanism in Western Anatolia: Implications for enrichment processes of mantle lithosphere and origin of K-rich volcanism in post-collisional settings. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 198, 112-128.	2.1	90
5	Depletion and refertilization of the Tethyan oceanic upper mantle as revealed by the early Jurassic Refahiye ophiolite, NE Anatoliaâ€“Turkey. <i>Gondwana Research</i> , 2015, 27, 594-611.	6.0	77
6	A geochemical approach to Neogeneâ€“Quaternary volcanic activity of western Anatolia: An example of episodic bimodal volcanism within the Selendi Basin, Turkey. <i>Chemical Geology</i> , 2008, 255, 265-282.	3.3	75
7	Tectono-stratigraphic evolution of the NEâ€“SW-trending superimposed Selendi basin: Implications for late Cenozoic crustal extension in Western Anatolia, Turkey. <i>Tectonophysics</i> , 2010, 488, 210-232.	2.2	68
8	Tectono-stratigraphy of the Neogene basins in Western Turkey: Implications for tectonic evolution of the Aegean Extended Region. <i>Tectonophysics</i> , 2014, 635, 33-58.	2.2	67
9	Petrogenesis and ⁴⁰ Ar/ ³⁹ Ar geochronology of the volcanic rocks of the UÅŸak-GÃ¼re basin, western TÃ¼rkiye. <i>Lithos</i> , 2010, 119, 193-210.	1.4	66
10	Stratigraphic, structural and geochemical features of the NEâ€“SW trending Neogene volcano-sedimentary basins in western Anatolia: Implications for associations of supra-detachment and transtensional strike-slip basin formation in extensional tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 159-183.	2.3	61
11	Geochemistry and ⁴⁰ Ar/ ³⁹ Ar geochronology of Miocene volcanic rocks from the Karaburun Peninsula: Implications for amphibole-bearing lithospheric mantle source, Western Anatolia. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 185, 181-202.	2.1	60
12	Petrogenesis of the Neogene volcanic units in the NEâ€“SW-trending basins in western Anatolia, Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 379-401.	3.1	58
13	Quaternary bimodal volcanism in the NiÅŸde Volcanic Complex (Cappadocia, central Anatolia, Turkey): age, petrogenesis and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	3.1	55
14	Petrogenesis of the Miocene volcanism along the ÅŸzmir-BalÃ±kesir Transfer Zone in western Anatolia, Turkey: Implications for origin and evolution of potassic volcanism in post-collisional areas. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 241-242, 21-38.	2.1	46
15	Multiple episodes of partial melting, depletion, metasomatism and enrichment processes recorded in the heterogeneous upper mantle sequence of the Neotethyan Eldivan ophiolite, Turkey. <i>Lithos</i> , 2016, 246-247, 228-245.	1.4	45
16	Transition from Compression to Strike-slip Tectonics Revealed by Mioceneâ€“Pleistocene Volcanism West of the KarÃ±ova Triple Junction (East Anatolia). <i>Journal of Petrology</i> , 2017, 58, 2055-2087.	2.8	38
17	Geochemical make-up of oceanic peridotites from NW Turkey and the multi-stage melting history of the Tethyan upper mantle. <i>Mineralogy and Petrology</i> , 2014, 108, 49-69.	1.1	34
18	Chemo-probe into the mantle origin of the NW Anatolia Eocene to Miocene volcanic rocks: Implications for the role of, crustal accretion, subduction, slab roll-back and slab break-off processes in genesis of post-collisional magmatism. <i>Lithos</i> , 2017, 288-289, 55-71.	1.4	34

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19	Geochemistry of IÄ±type granitoids in the Karaburun Peninsula, West Turkey: Evidence for Triassic continental arc magmatism following closure of the Palaeotethys. <i>Island Arc</i> , 2008, 17, 394-418.	1.1	28
20	The petrology of Paleogene volcanism in the Central Sakarya, NallÄ±han Region: Implications for the initiation and evolution of post-collisional, slab break-off-related magmatic activity. <i>Lithos</i> , 2016, 246-247, 81-98.	1.4	27
21	Petrology, mineral chemistry and SrÄ±NdÄ±Pb isotopic compositions of granitoids in the central Menderes metamorphic core complex: Constraints on the evolution of Aegean lithosphere slab. <i>Lithos</i> , 2013, 180-181, 74-91.	1.4	26
22	Petrologic evolution of Miocene-Pliocene mafic volcanism in the Kangal and GÄ±4rÄ±4n basins (Sivas-Malatya), central east Anatolia: Evidence for Miocene anorogenic magmas contaminated by continental crust. <i>Lithos</i> , 2018, 310-311, 392-408.	1.4	26
23	MioceneÄ±Quaternary volcanism and geodynamic evolution in the Pannonian Basin and the Menderes Massif: A comparative study. <i>Lithos</i> , 2013, 180-181, 25-42.	1.4	25
24	U-Pb zircon geochronology of the Paleogene Ä± Neogene volcanism in the NW Anatolia: Its implications for the Late Mesozoic-Cenozoic geodynamic evolution of the Aegean. <i>Tectonophysics</i> , 2017, 717, 284-301.	2.2	24
25	A short, sharp pulse of potassium-rich volcanism during continental collision and subduction. <i>Geology</i> , 2019, 47, 1079-1082.	4.4	24
26	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
27	PETROMODELER (Petrological Modeler): a MicrosoftÄ± ExcelÄ± spreadsheet program for modelling melting, mixing, crystallization and assimilation processes in magmatic systems. <i>Turkish Journal of Earth Sciences</i> , 0, , .	1.0	15
28	Origin and significance of tourmalinites and tourmaline-bearing rocks of Menderes Massif, western Anatolia, Turkey. <i>Lithos</i> , 2015, 218-219, 22-36.	1.4	14
29	Petrological characteristics and geochemical compositions of the Neotethyan Mersin ophiolite (southern Turkey): Processes of melt depletion, refertilization, chromitite formation and oceanic crust generation. <i>Journal of Asian Earth Sciences</i> , 2019, 176, 281-299.	2.3	14
30	Geochemistry and petrology of the lower Miocene bimodal volcanic units in the TunÄ±bilekÄ± DomaniÄ± Basin, western Anatolia. <i>International Geology Review</i> , 2016, 58, 1234-1252.	2.1	12
31	Stratigraphy and Ar/Ar geochronology of the Miocene lignite-bearing TunÄ±bilek-DomaniÄ± Basin, western Anatolia. <i>International Journal of Earth Sciences</i> , 2017, 106, 1797-1814.	1.8	12
32	Geochemistry and petrology of the Early Miocene lamproites and related volcanic rocks in the Thrace Basin, NW Anatolia. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 283, 143-158.	2.1	11
33	⁴⁰ Ar/ ³⁹ Ar geochronology, geochemistry and petrology of volcanic rocks from the Simav Graben, western Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	3.1	6
34	Neogene volcanism in Elazig-Tunceli area (eastern Anatolia): geochronological and petrological constraints. <i>Italian Journal of Geosciences</i> , 2019, 138, 433-455.	0.8	5