

CÃ¼neyt Akal

List of Publications by Year in descending order

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34
papers

1,416
citations

394421

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395702

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34
docs citations

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times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrapotassic Mafic Rocks as Geochemical Proxies for Post-collisional Dynamics of Orogenic Lithospheric Mantle: the Case of Southwestern Anatolia, Turkey. <i>Journal of Petrology</i> , 2012, 53, 1019-1055.	2.8	236
2	Miocene NNE-directed extensional unroofing in the Menderes Massif, southwestern Turkey. <i>Journal of the Geological Society</i> , 1995, 152, 639-654.	2.1	210
3	Alpine high-P/low-T metamorphism of the Afyon Zone and implications for the metamorphic evolution of Western Anatolia, Turkey. <i>Lithos</i> , 2005, 84, 102-124.	1.4	127
4	Magmatic Response to Slab Tearing: Constraints from the Afyon Alkaline Volcanic Complex, Western Turkey. <i>Journal of Petrology</i> , 2015, 56, 527-562.	2.8	105
5	Relative brittleness characterization of some selected granitic building stones: Influence of mineral grain size. <i>Construction and Building Materials</i> , 2009, 23, 370-375.	7.2	63
6	Supra-Pan-African unconformity between core and cover series of the Menderes Massif/Turkey and its geological implications. <i>Precambrian Research</i> , 2011, 184, 1-23.	2.7	58
7	Lamproites as indicators of accretion and/or shallow subduction in the assembly of south-western Anatolia, Turkey. <i>Terra Nova</i> , 2010, 22, 443-452.	2.1	55
8	Carboniferous granites on the northern margin of Gondwana, Anatolide-Tauride Block, Turkey – Evidence for southward subduction of Paleotethys. <i>Tectonophysics</i> , 2016, 683, 349-366.	2.2	54
9	Spatiotemporal evolution of brittle normal faulting and fluid infiltration in detachment fault systems: A case study from the Menderes Massif, western Turkey. <i>Tectonics</i> , 2013, 32, 364-376.	2.8	53
10	Pan-African magmatism in the Menderes Massif: geochronological data from leucocratic tourmaline orthogneisses in western Turkey. <i>International Journal of Earth Sciences</i> , 2012, 101, 2055-2081.	1.8	40
11	Early Triassic potassic volcanism in the Afyon Zone of the Anatolides/Turkey: implications for the rifting of the Neo-Tethys. <i>International Journal of Earth Sciences</i> , 2012, 101, 177-194.	1.8	40
12	Quantifying rates of detachment faulting and erosion in the central Menderes Massif (western) Turkey. <i>Tectonics</i> , 2013, 32, 669-683.	2.1	34
13	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
14	K-rich olivine-phlogopite-diopside-sanidine lamproites from the Afyon volcanic province, Turkey. <i>Geological Magazine</i> , 2008, 145, 570-585.	1.5	32
15	Surface exposure dating of Holocene basalt flows and cinder cones in the Kula volcanic field (Western Turkey) using cosmogenic ³ He and ¹⁰ Be. <i>Quaternary Geochronology</i> , 2016, 34, 81-91.	1.4	26
16	High-K volcanism in the Afyon region, western Turkey: from Si-oversaturated to Si-undersaturated volcanism. <i>International Journal of Earth Sciences</i> , 2013, 102, 435-453.	1.8	25
17	U-Pb zircon geochronology of the Paleogene – 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
18	A short, sharp pulse of potassium-rich volcanism during continental collision and subduction. <i>Geology</i> , 2019, 47, 1079-1082.	4.4	24

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19	Geochemistry and origin of ultramafic enclaves and their basanitic host rock from Kula Volcano, Turkey. <i>Lithos</i> , 2013, 180-181, 58-73.	1.4	22
20	Investigation of discrepancy between tuff used as building stones in historical and modern buildings in western Turkey. <i>Construction and Building Materials</i> , 2015, 93, 439-448.	7.2	19
21	Late Cenozoic cooling history of the central Menderes Massif: Timing of the BÄ¼yÄ¼k Menderes detachment and the relative contribution of normal faulting and erosion to rock exhumation. <i>Tectonophysics</i> , 2017, 717, 585-598.	2.2	19
22	Detachment faulting in a bivergent core complex constrained by fault gouge dating and low-temperature thermochronology. <i>Journal of Structural Geology</i> , 2019, 127, 103865.	2.3	16
23	Persistence of ¹³⁷ Cs in the litter layers of forest soil horizons of Mount İDA/Kazdagi, Turkey. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 125-134.	1.7	15
24	Berriasian rudist faunas and micropalaeontology of Stramberk type carbonate exotics from the Lycian nappes, Bodrum Peninsula, southwest Turkey. <i>Cretaceous Research</i> , 2015, 56, 76-92.	1.4	13
25	Terrestrial gamma exposure in the granodiorite area of Bergama (Pergamon)â€“Kozak, Turkey. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 288, 919-926.	1.5	12
26	Indoor radon measurements in the granodiorite area of Bergama (Pergamon)-Kozak, Turkey. <i>Radiation Protection Dosimetry</i> , 2012, 149, 147-154.	0.8	12
27	Exhumation history of the AydÄ±n range and the role of the BÄ¼yÄ¼k Menderes detachment system during bivergent extension of the central Menderes Massif, western Turkey. <i>Journal of the Geological Society</i> , 2019, 176, 704-726.	2.1	11
28	Radiological mapping in the granodiorite area of Bergama (Pergamon)-Kozak, Turkey. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 361-373.	1.5	10
29	Constraints on Water Reservoir Lifetimes From Catchmentâ€™s ¹⁰ Be Erosion Ratesâ€“A Case Study From Western Turkey. <i>Water Resources Research</i> , 2017, 53, 9206-9224.	4.2	7
30	Spatial patterns of erosion and landscape evolution in a bivergent metamorphic core complex revealed by cosmogenic ¹⁰ Be: The central Menderes Massif (western Turkey). , 2019, 15, 1846-1868.		6
31	Natural radionuclide activities in forest soil horizons of Mount İDA/Kazdagi, Turkey. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 319.	2.7	5
32	Kinematics and U-Pb zircon ages of the sole metamorphics of the Marmaris Ophiolite, Lycian Nappes, Southwest Turkey. <i>International Geology Review</i> , 2019, 61, 1124-1142.	2.1	5
33	Mechanism of emplacement and origin of the İldÄ±r lava dome in the Karaburun Peninsula, western Anatolia (Turkey). <i>Journal of Asian Earth Sciences</i> , 2019, 179, 80-98.	2.3	3
34	Uâ€“Pb ages and Hf isotopic compositions of zircon from the Early Miocene Kestanbol Magmatic Complex in NW Anatolia (Turkey): Implications for crustal contribution in the post-collisional magmatism. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104262.	2.3	1