

Nilgun Gulec

List of Publications by Year in descending order

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19
papers

748
citations

687363

13
h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcanostratigraphy and petrogenesis of the Nemrut stratovolcano (East Anatolian High Plateau): The most recent post-collisional volcanism in Turkey. <i>Chemical Geology</i> , 2006, 226, 189-211.	3.3	104
2	Geochemical characteristics of granitoids along the western margin of the Central Anatolian Crystalline Complex and their tectonic implications. <i>Geological Journal</i> , 1993, 28, 371-382.	1.3	97
3	Hydrogeochemical outline of thermal waters and geothermometry applications in Anatolia (Turkey). <i>Journal of Volcanology and Geothermal Research</i> , 1998, 85, 495-515.	2.1	92
4	Tectonomagmatic Evolution of Bimodal Plutons in the Central Anatolian Crystalline Complex, Turkey. <i>Journal of Geology</i> , 2003, 111, 671-690.	1.4	75
5	Geological and Geochemical Evolution of the Quaternary S ¹ / ₄ phan Stratovolcano, Eastern Anatolia, Turkey: Evidence for the Lithosphere-Asthenosphere Interaction in Post-Collisional Volcanism. <i>Journal of Petrology</i> , 2014, 55, 37-62.	2.8	75
6	Helium-carbon relationships in geothermal fluids of western Anatolia, Turkey. <i>Chemical Geology</i> , 2008, 247, 305-321.	3.3	66
7	The importance of fractional crystallization and magma mixing in controlling chemical differentiation at S ¹ / ₄ phan stratovolcano, eastern Anatolia, Turkey. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 573-597.	3.1	38
8	GIS based geothermal potential assessment: A case study from Western Anatolia, Turkey. <i>Energy</i> , 2010, 35, 246-261.	8.8	34
9	Types and genesis of the enclaves in Central Anatolian granitoids. <i>Geological Journal</i> , 1999, 34, 243-256.	1.3	32
10	Turkish geothermal fields as natural analogues of CO ₂ storage sites: Gas geochemistry and implications for CO ₂ trapping mechanisms. <i>Geothermics</i> , 2016, 64, 96-110.	3.4	28
11	Mafic Microgranular Enclaves and Interaction Between Felsic and Mafic Magmas in the Agacoren Intrusive Suite: Evidence from Petrographic Features and Mineral Chemistry. <i>International Geology Review</i> , 1996, 38, 854-867.	2.1	26
12	Spatial variations in gas and stable isotope compositions of thermal fluids around Lake Van: Implications for crust-mantle dynamics in eastern Turkey. <i>Chemical Geology</i> , 2012, 300-301, 165-176.	3.3	24
13	Geochemical Monitoring of Geothermal Waters (2002-2004) along the North Anatolian Fault Zone, Turkey: Spatial and Temporal Variations and Relationship to Seismic Activity. <i>Pure and Applied Geophysics</i> , 2008, 165, 17-43.	1.9	23
14	Post-earthquake anomalies in He-CO ₂ isotope and relative abundance systematics of thermal waters: The case of the 2011 Van earthquake, eastern Anatolia, Turkey. <i>Chemical Geology</i> , 2015, 411, 1-11.	3.3	10
15	Geochemical characterization of geothermal systems in western Anatolia (Turkey): implications for CO ₂ trapping mechanisms in prospective CO ₂ -EGS sites. , 2018, 8, 63-76.		10
16	Subaqueous hot springs in K ¹ / ₄ tyce-Yiz Lake, Dalyan Channel and Fethiye-G ¹ / ₄ ncek Bay (SW Turkey): Locations, chemistry and origins. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 345, 81-97.	2.1	7
17	Reply to discussion by Evren A ¹ / ₄ buk-Åu, Erkan Aydar and Alain Gourgaud of "Volcanostratigraphy and petrogenesis of the Nemrut stratovolcano (East Anatolian High Plateau): The most recent post-collisional volcanism in Turkey" by Y. A-zdemir, Å-. Karao ¹ / ₄ lu, A.Åoe. Tolluo ¹ / ₄ lu and N. G ¹ / ₄ leÅ [Chemical Geology 226 (2006) 189-211]. <i>Chemical Geology</i> , 2007, 245, 130-134.	3.3	5
18	Tectonomagmatic Evolution of Bimodal Plutons in the Central Anatolian Crystalline Complex, Turkey: A Reply. <i>Journal of Geology</i> , 2005, 113, 497-499.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Real-time gas monitoring at the Tekke Hamam geothermal field (Western Anatolia, Turkey): an assessment in relation to local seismicity. <i>Natural Hazards</i> , 2020, 104, 1655-1678.	3.4	1