

I TonguÃ§ Uysal

List of Publications by Year in descending order

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49
papers

1,347
citations

331670

21
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal CO ₂ degassing in seismically active zones during the late Quaternary. <i>Chemical Geology</i> , 2009, 265, 442-454.	3.3	142
2	U-series dating and geochemical tracing of late Quaternary travertine in co-seismic fissures. <i>Earth and Planetary Science Letters</i> , 2007, 257, 450-462.	4.4	130
3	Seismic cycles recorded in late Quaternary calcite veins: Geochronological, geochemical and microstructural evidence. <i>Earth and Planetary Science Letters</i> , 2011, 303, 84-96.	4.4	81
4	Early-mid Cretaceous tectonic evolution of eastern Gondwana: From silicic LIP magmatism to continental rupture. <i>Episodes</i> , 2012, 35, 142-152.	1.2	71
5	Sm- ¹⁴⁷ Nd dating and rare-earth element tracing of calcite: Implications for fluid-flow events in the Bowen Basin, Australia. <i>Chemical Geology</i> , 2007, 238, 63-71.	3.3	68
6	An 80-kyr-long continuous speleothem record from Dim Cave, SW Turkey with paleoclimatic implications for the Eastern Mediterranean. <i>Scientific Reports</i> , 2015, 5, 13560.	3.3	64
7	Clay mineralogical and isotopic (⁴⁰ Ar, ¹⁸ O, ¹³ C) constraints on the evolution of the North Anatolian Fault Zone, Turkey. <i>Earth and Planetary Science Letters</i> , 2006, 243, 181-194.	4.4	56
8	Reactivation history of the North Anatolian fault zone based on calcite age-strain analyses. <i>Geology</i> , 2019, 47, 465-469.	4.4	55
9	Crustal-scale fluid circulation and co-seismic shallow comb-veining along the longest normal fault of the central Apennines, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 498, 152-168.	4.4	43
10	Timing and mechanism of late-Pleistocene calcite vein formation across the Dead Sea Fault Zone, northern Israel. <i>Journal of Structural Geology</i> , 2012, 36, 43-54.	2.3	42
11	CO ₂ degassing and trapping during hydrothermal cycles related to Gondwana rifting in eastern Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5444-5466.	3.9	37
12	Clay-Mineral Authigenesis in the Late Permian Coal Measures, Bowen Basin, Queensland, Australia. <i>Clays and Clay Minerals</i> , 2000, 48, 351-365.	1.3	36
13	The evolution of intraplate fault systems in central Turkey: Structural evidence and Ar-Ar and Rb-Sr age constraints for the Savcili Fault Zone. <i>Tectonics</i> , 2014, 33, 1875-1899.	2.8	34
14	Geophysical anomalies and quartz microstructures, Eastern Warburton Basin, North-east South Australia: Tectonic or impact shock metamorphic origin?. <i>Tectonophysics</i> , 2013, 589, 57-76.	2.2	33
15	Recent mantle degassing recorded by carbonic spring deposits along sinistral strike-slip faults, south-central Australia. <i>Earth and Planetary Science Letters</i> , 2016, 454, 304-318.	4.4	29
16	An integrated zircon geochronological and geochemical investigation into the Miocene plutonic evolution of the Cyclades, Aegean Sea, Greece: part 2-geochemistry. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 915-933.	3.1	27
17	Accessory phases from the Soutz monzogranite, Soutz-sous-Forets, France: Implications for titanite destabilisation and differential REE, Y and Th mobility in hydrothermal systems. <i>Chemical Geology</i> , 2013, 335, 105-117.	3.3	27
18	Paleogene igneous intrusion and its effect on thermal maturity of organic-rich mudstones in the Beibuwan Basin, South China Sea. <i>Marine and Petroleum Geology</i> , 2017, 86, 733-750.	3.3	26

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19	In situ U-Pb Dating of Calcite from the South China Antimony Metallogenic Belt. <i>IScience</i> , 2020, 23, 101575.	4.1	25
20	Trace element composition of near-surface silica deposits—A powerful tool for detecting hydrothermal mineral and energy resources. <i>Chemical Geology</i> , 2011, 280, 154-169.	3.3	24
21	Integrating $^{40}\text{Ar}/^{39}\text{Ar}$, $^{87}\text{Rb}/^{87}\text{Sr}$ and $^{147}\text{Sm}/^{143}\text{Nd}$ geochronology of authigenic illite to evaluate tectonic reactivation in an intraplate setting, central Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 134, 155-174.	3.9	23
22	Hydrogen and $^{40}\text{Ar}/^{39}\text{Ar}$ isotope evidence for multiple and protracted paleofluid flow events within the long-lived $^{\text{N}}\text{orth}^{\text{A}}\text{natolian}^{\text{K}}\text{eio}^{\text{T}}\text{urkey}$. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1975-1987.	2.5	23
23	High-resolution trace element and stable/radiogenic isotope profiles of late Pleistocene to Holocene speleothems from Dim Cave, SW Turkey. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 452, 68-79.	2.3	19
24	U-Th age evidence from carbonate veins for episodic crustal deformation of Central Anatolian Volcanic Province. <i>Quaternary Science Reviews</i> , 2017, 177, 158-172.	3.0	19
25	Are U-Th Dates Correlated With Historical Records of Earthquakes? Constraints From Coseismic Carbonate Veins Within the North Anatolian Fault Zone. <i>Tectonics</i> , 2019, 38, 2431-2448.	2.8	19
26	CO ₂ outburst events in relation to seismicity: Constraints from microscale geochronology, geochemistry of late Quaternary vein carbonates, SW Turkey. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 187, 21-40.	3.9	18
27	Illite occurrences related to volcanic-hosted hydrothermal mineralization in the Biga Peninsula, NW Turkey: Implications for the age and origin of fluids. <i>Ore Geology Reviews</i> , 2016, 76, 35-51.	2.7	17
28	The evolution of the Cappadocia Geothermal Province, Anatolia (Turkey): geochemical and geochronological evidence. <i>Hydrogeology Journal</i> , 2017, 25, 2323-2345.	2.1	17
29	Late Jurassic intraplate faulting in eastern Australia: A link to subduction in eastern Gondwana and plate tectonic reorganisation. <i>Gondwana Research</i> , 2019, 66, 1-12.	6.0	15
30	Fault-gouge dating in the Southern Alps, New Zealand. <i>Tectonophysics</i> , 2017, 717, 321-338.	2.2	13
31	Clay mineralogical, geochemical and isotopic tracing of the evolution of the Woodleigh impact structure, Southern Carnarvon Basin, Western Australia. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 576-590.	3.1	12
32	Chemical and mineralogical characterisation of illite—smectite: Implications for episodic tectonism and associated fluid flow, central Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 148, 284-303.	3.9	12
33	Geophysical and structural criteria for the identification of buried impact structures, with reference to Australia. <i>Earth-Science Reviews</i> , 2013, 125, 114-122.	9.1	11
34	Geochemistry of Fluid Inclusions in Travertines From Western and Northern Turkey: Inferences on the Role of Active Faults in Fluids Circulation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5473-5498.	2.5	10
35	Mesozoic Hydrothermal Overprint on Carboniferous Bauxite in China. <i>Economic Geology</i> , 2021, 116, 787-800.	3.8	9
36	$^{\text{Rb}}\text{Sr}$ systematics of fault gouges from the North Anatolian Fault Zone (Turkey). <i>Journal of Structural Geology</i> , 2010, 32, 216-221.	2.3	8

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37	Precambrian faulting episodes and insights into the tectonothermal history of north Australia: microstructural evidence and $^{40}\text{Ar}/^{39}\text{Ar}$ and $^{87}\text{Sr}/^{86}\text{Sr}$ dating of syntectonic illite from the intracratonic Millungera Basin. <i>Solid Earth</i> , 2020, 11, 1653-1679.	2.8	7
38	Geochronological (^{238}U , ^{235}U , total Pb, Sm-Nd) and geochemical (REE, $^{87}\text{Sr}/^{86}\text{Sr}$, ^{18}O , ^{13}C) tracing of intraplate tectonism and associated fluid flow in the Warburton Basin, Australia. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	3.1	6
39	ESR and $^{230}\text{Th}/^{234}\text{U}$ dating of speleothems from Aladağlar Mountain Range (AMR) in Turkey. <i>Quaternary Research</i> , 2014, 81, 367-380.	1.7	6
40	Temporal changes in geochemical-isotopic systematics of the late Pleistocene Akkaya travertines (Turkey) – Implications for fluid flow circulation and seismicity. <i>Chemie Der Erde</i> , 2020, 80, 125630.	2.0	6
41	The off-fault deformation on the North Anatolian Fault zone and assessment of slip rate from carbonate veins. <i>Tectonophysics</i> , 2020, 795, 228633.	2.2	5
42	Timing and characterization of multiple fluid flow events in the Beibuwan Basin, northern South China Sea: Implications for hydrocarbon maturation. <i>Marine and Petroleum Geology</i> , 2021, 123, 104754.	3.3	5
43	K-Ar AND Rb-Sr DATING OF NANOMETER-SIZED SMECTITE-RICH MIXED LAYERS FROM BENTONITE BEDS OF THE CAMPOS BASIN (RIO DE JANEIRO STATE, BRAZIL). <i>Clays and Clay Minerals</i> , 2020, 68, 446-464.	1.3	4
44	Episodicity of structural flow in an active subduction system, new insights from mud volcano's carbonate veins – Scientific Ocean drilling expedition IODP 366. <i>Marine Geology</i> , 2021, 434, 106431.	2.1	4
45	Geochronology of Mexican mineral deposits. II: Veta Madre and Sierra epithermal vein systems, Guanajuato district. <i>Boletin De La Sociedad Geologica Mexicana</i> , 2015, 67, 349-355.	0.3	3
46	Ultrasonic Shaking of Glauconite Pellets with Diverse Reagents for a Comparison of Their ^{40}Ar with Already Published ^{87}Sr Results. <i>Geosciences (Switzerland)</i> , 2021, 11, 439.	2.2	3
47	When did the North Anatolian fault reach southern Marmara, Turkey?. <i>Geology</i> , 2022, 50, 432-436.	4.4	3
48	Comment on “Uranium series dating of Great Artesian Basin travertine deposits: Implications for palaeohydrogeology and palaeoclimate” by Priestley et al. (2018). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109420.	2.3	0
49	Sequential leaching of silicified Archaean carbonates: A Rb-Sr, Sm-Nd and Pb-Pb isotopic contribution to their tectonic-thermal history (Kapaavaal Craton, South Africa). <i>Precambrian Research</i> , 2021, 365, 106393.	2.7	0