

GÃ¼rsel Sunal

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,712
citations

304743

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289244

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44
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44
docs citations

44
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	The Surface Rupture and Slip Distribution of the 17 August 1999 Izmit Earthquake (M 7.4), North Anatolian Fault. <i>Bulletin of the Seismological Society of America</i> , 2002, 92, 43-60.	2.3	281
2	The Tectonics of the Altaids: Crustal Growth During the Construction of the Continental Lithosphere of Central Asia Between ~ 14750 and ~ 14130 Ma Ago. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 439-494.	11.0	156
3	Early Cretaceous sedimentation and orogeny on the active margin of Eurasia: Southern Central Pontides, Turkey. <i>Tectonics</i> , 2013, 32, 1247-1271.	2.8	146
4	Surface Rupture and Slip Distribution of the 12 November 1999 Duzce Earthquake (M 7.1), North Anatolian Fault, Bolu, Turkey. <i>Bulletin of the Seismological Society of America</i> , 2002, 92, 61-66.	2.3	110
5	Spatial, temporal and geochemical evolution of Oligo-Miocene granitoid magmatism in western Anatolia, Turkey. <i>Gondwana Research</i> , 2012, 21, 961-986.	6.0	101
6	Low-pressure-high-temperature metamorphism during extension in a Jurassic magmatic arc, Central Pontides, Turkey. <i>Journal of Metamorphic Geology</i> , 2014, 32, 49-69.	3.4	94
7	Eocene Granitic Magmatism in NW Anatolia (Turkey) revisited: New implications from comparative zircon SHRIMP U-Pb and $40\text{Ar}/^{39}\text{Ar}$ geochronology and isotope geochemistry on magma genesis and emplacement. <i>Lithos</i> , 2012, 155, 289-309.	1.4	88
8	Paleozoic magmatic events in the Strandja Massif, NW Turkey. <i>Geodinamica Acta</i> , 2006, 19, 283-300.	2.2	63
9	Paleotectonic Position of the Strandja Massif and Surrounding Continental Blocks Based on Zircon Pb-Pb Age Studies. <i>International Geology Review</i> , 2008, 50, 519-545.	2.1	52
10	Neoproterozoic continental arc volcanism at the northern edge of the Arabian Plate, SE Turkey. <i>Precambrian Research</i> , 2015, 258, 208-233.	2.7	52
11	Metamorphism and diachronous cooling in a contractional orogen: the Strandja Massif, NW Turkey. <i>Geological Magazine</i> , 2011, 148, 580-596.	1.5	44
12	Palaeostress analysis of Tertiary post-collisional structures in the Western Pontides, northern Turkey. <i>Geological Magazine</i> , 2002, 139, 343-359.	1.5	39
13	Devonian magmatism in the western Sakarya Zone, Karacabey region, NW Turkey. <i>Geodinamica Acta</i> , 2012, 25, 183-201.	2.2	38
14	First U-Pb SHRIMP zircon and $40\text{Ar}/^{39}\text{Ar}$ ages of metarhyolites from the Afyon-Bolkardag Zone, SW Turkey: Implications for the rifting and closure of the Neo-Tethys. <i>Gondwana Research</i> , 2013, 24, 377-391.	6.0	37
15	Uplift of Anatolia. <i>Turkish Journal of Earth Sciences</i> , 2020, 29, 696-713.	1.0	35
16	The Phanerozoic palaeotectonics of Turkey. Part I: an inventory. <i>Mediterranean Geoscience Reviews</i> , 2019, 1, 91-161.	1.2	33
17	Precambrian to Early Cretaceous rocks of the Strandja Massif (northwestern Turkey): evolution of a long lasting magmatic arc. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 1312-1335.	1.3	31
18	Geological evolution of the Central Pontides. <i>Geological Society Special Publication</i> , 2018, 464, 33-67.	1.3	31

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19	Triassic warm subduction in northeast Turkey: Evidence from the Å^{v} vanis metamorphic rocks. <i>Island Arc</i> , 2014, 23, 181-205.	1.1	27
20	Å^{z} mir Å^{E} Ankara Suture as a Triassic to Cretaceous Plate Boundary Å^{E} Data From Central Anatolia. <i>Tectonics</i> , 2020, 39, e2019TC005849.	2.8	26
21	Provenance of a large Lower Cretaceous turbidite submarine fan complex on the active Laurasian margin: Central Pontides, northern Turkey. <i>Journal of Asian Earth Sciences</i> , 2017, 134, 309-329.	2.3	25
22	Reconstructing orogens without biostratigraphy: The Saharides and continental growth during the final assembly of Gondwana-Land. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32278-32284.	7.1	24
23	A middle Permian ophiolite fragment in Late Triassic greenschist- to blueschist-facies rocks in NW Turkey: An earlier pulse of suprasubduction-zone ophiolite formation in the Tethyan belt. <i>Lithos</i> , 2018, 300-301, 121-135.	1.4	22
24	The Altaids: A review of twenty-five years of knowledge accumulation. <i>Earth-Science Reviews</i> , 2022, 228, 104013.	9.1	21
25	Geochemical characterization of clay deposits in the Amuq Valley (Southern Turkey) and the implications for archaeometric study of ancient ceramics. <i>Applied Clay Science</i> , 2017, 141, 316-333.	5.2	14
26	The Thrace Basin and the Black Sea: the Eocene Å^{E} Oligocene marine connection. <i>Geological Magazine</i> , 2019, 156, 39-61.	1.5	14
27	The Saharides: Turkic-type orogeny in Afro-Arabia. <i>International Journal of Earth Sciences</i> , 2022, 111, 2885-2924.	1.8	14
28	Distributed transpressive continental deformation: The Varto Fault Zone, eastern Turkey. <i>Tectonophysics</i> , 2015, 661, 99-111.	2.2	12
29	Estimation of the pre-North Anatolian Fault Zone pseudo-paleo-topography: A key to determining the cumulative offset of major post-collisional strike-slip faults. <i>Geomorphology</i> , 2012, 159-160, 125-141.	2.6	10
30	The Strandja Massif and the Å^{o} stanbul Zone were once parts of the same palaeotectonic unit: new data from Triassic detrital zircons. <i>Geodinamica Acta</i> , 2018, 30, 212-224.	2.2	10
31	Metamorphism, magmatism, and exhumation history of the Tav Å^{y} an Å^{E} Zone, NW Turkey: new petrological constraints. <i>Turkish Journal of Earth Sciences</i> , 2018, 27, 269-293.	1.0	8
32	A new chronostratigraphy (40Ar-39Ar and U-Pb dating) for the middle section of the Burdur-Fethiye Shear Zone, SW Turkey (eastern Mediterranean). <i>Turkish Journal of Earth Sciences</i> , 2018, 27, 405-420.	1.0	8
33	Geochemical and Petrographic Analysis of Late Bronze Age Cypriot Ceramics (White Slip I and II and Tj ETQq1 1 0.784314 rgBT /Overlo 471-488.	1.3	7
34	Reconstructing the deformation of the North Anatolian Fault Zone through restoring the Oligo Å^{E} Miocene exhumation pattern of the Almac Å^{E} k Block (northwestern Turkey) based on the apatite (U Å^{E} Th)/He ages. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1202-1217.	1.3	6
35	Tectonics of the Strandja Massif, NW Turkey: History of a Long-Lived Arc at the Northern Margin of Palaeo-Tethys. <i>Turkish Journal of Earth Sciences</i> , 0, , .	1.0	6
36	Structural modification of expandable polystyrene. II. Copolymerization with silicone acrylate. <i>Journal of Applied Polymer Science</i> , 2006, 101, 128-132.	2.6	5

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37	Miocene uplift and exhumation history of northwestern Anatolia (Turkey): Implications from apatite (U-Th)/He thermochronology of syn-extensional plutons. <i>Journal of Asian Earth Sciences</i> , 2021, 213, 104770.	2.3	5
38	Quaternary evolution of the Suluova Basin: implications on tectonics and palaeoenvironments of the Central North Anatolian Shear Zone. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1239-1261.	1.3	4
39	Structural modification of expandable polystyrene. I. Copolymerization with ?-methylstyrene. <i>Journal of Applied Polymer Science</i> , 2003, 90, 609-614.	2.6	3
40	Evaluation of the Plio-Quaternary tectonic stress regime from fault kinematic analysis in the lake Van Basin (Eastern Anatolia). <i>Journal of Structural Geology</i> , 2020, 140, 104157.	2.3	3
41	The Early Eocene EkmekÅŖi granodiorite porphyry in the Karacabey region(Sakarya Zone, NW Turkey). <i>Turkish Journal of Earth Sciences</i> , 2019, 28, 589-602.	1.0	2
42	THE PROTOGONOS: A LONG LIVED MAGMATIC ARC ALONG THE NORTHERN MARGIN OF GONDWANA-LAND AND ITS DISRUPTION DURING THE HERCYNIAN OROGENY. , 2017, , .		2
43	PALAEO-TETHYAN MARGIN OF GONDWANA-LAND WAS AN EXTENSIONAL ARC. , 2018, , .		2
44	Paleo-exhumation histories of the Sakarya and the Istanbul Zones of the Western Pontides, the AlmacÅ±k Block and its surroundings, NW Turkey. <i>International Geology Review</i> , 2023, 65, 1267-1288.	2.1	1