Derya GÃ¼rer

List of Publications by Year
in descending order

19 papers	1,123 citations	687363 13 h-index	940533 16 g-index
30 all docs	30 docs citations	30 times ranked	1196 citing authors

#	Article	IF	Citations
1	Orogenic architecture of the Mediterranean region and kinematic reconstruction of its tectonic evolution since the Triassic. Gondwana Research, 2020, 81, 79-229.	6.0	334
2	Forced subduction initiation recorded in the sole and crust of the Semail Ophiolite of Oman. Nature Geoscience, 2018, 11, 688-695.	12.9	153
3	Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions. Geochemistry, Geophysics, Geosystems, 2015, 16, 1771-1785.	2.5	97
4	Tectonic evolution and paleogeography of the KÄ±rÅŸehir Block and the Central Anatolian Ophiolites, Turkey. Tectonics, 2016, 35, 983-1014.	2.8	97
5	Sulfide-Olivine Fe-Ni Exchange and the Origin of Anomalously Ni Rich Magmatic Sulfides. Economic Geology, 2013, 108, 1971-1982.	3.8	91
6	A transdisciplinary and community-driven database to unravel subduction zone initiation. Nature Communications, 2020, 11, 3750.	12.8	83
7	Kinematics of a former oceanic plate of the Neotethys revealed by deformation in the UlukÄ±ÅŸla basin (Turkey). Tectonics, 2016, 35, 2385-2416.	2.8	51
8	A record of plume-induced plate rotation triggering subduction initiation. Nature Geoscience, 2021, 14, 626-630.	12.9	50
9	Chromite in komatiites: 3D morphologies with implications for crystallization mechanisms. Contributions To Mineralogy and Petrology, 2013, 165, 173-189.	3.1	42
10	Quantifying Arabiaâ€“Eurasia convergence accommodated in the Greater Caucasus by paleomagnetic reconstruction. Earth and Planetary Science Letters, 2018, 482, 454-469.	4.4	34
11	Diachronous demise of the Neotethys Ocean as a driver for non-cylindrical orogenesis in Anatolia. Tectonophysics, 2019, 760, 95-106.	2.2	23
12	Paleomagnetic constraints on the timing and distribution of Cenozoic rotations in Central and Eastern Anatolia. Solid Earth, 2018, 9, 295-322.	2.8	19
13	A long-lived Late Cretaceousâ€“early Eocene extensional province in Anatolia? Structural evidence from the Ivriz Detachment, southern central Turkey. Earth and Planetary Science Letters, 2018, 481, 111-124.	4.4	18
14	Geophysical and geochemical constraints on the origin of Holocene intraplate volcanism in East Asia. Earth-Science Reviews, 2021, 218, 103624.	9.1	13
15	Plate tectonic chain reaction revealed by noise in the Cretaceous quiet zone. Nature Geoscience, 2022, 15, 233-239.	12.9	9
16	Microstructural and textural modification of columnar calcite under increasing shear strain (Evia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.3	3
17	Structure and evolution of volcanic plumbing systems in fold-and-thrust belts: A case study of the Cerro Negro de Tricao Malal, NeuquÃ©n Province, Argentina. Bulletin of the Geological Society of America, 0, , B31341.1.	3.3	2
18	Origin of the Intraâ€Oceanic Silverwood Block (New England Orogen, Australia): Evidence From Radiolarian Biostratigraphy and Detrital Zircon Petrochronology. Tectonics, 2021, 40, .	2.8	1

#	Article	IF	Citations
19	A dynamic planet. Communications Earth & Environment, 2021, 2, .	6.8	0