

C Berk Biryol

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

788
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmented African lithosphere beneath the Anatolian region inferred from teleseismic P-wave tomography. <i>Geophysical Journal International</i> , 2011, 184, 1037-1057.	2.4	303
2	Detecting the limit of slab break-off in central Turkey: new high-resolution Pn tomography results. <i>Geophysical Journal International</i> , 2009, 179, 1566-1572.	2.4	86
3	3-D crustal structure along the North Anatolian Fault Zone in north-central Anatolia revealed by local earthquake tomography. <i>Geophysical Journal International</i> , 2012, 188, 819-849.	2.4	71
4	Relationship between observed upper mantle structures and recent tectonic activity across the Southeastern United States. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3393-3414.	3.4	64
5	Shear wave velocity structure of the Anatolian Plate: anomalously slow crust in southwestern Turkey. <i>Geophysical Journal International</i> , 2015, 202, 261-276.	2.4	61
6	Subduction termination through progressive slab deformation across Eastern Mediterranean subduction zones from updated P-wave tomography beneath Anatolia. , 2018, 14, 907-925.		56
7	Structure of the crust and African slab beneath the central Anatolian plateau from receiver functions: New insights on isostatic compensation and slab dynamics. , 2017, 13, 1774-1787.		48
8	Post-rift magmatic evolution of the eastern North American passive-aggressive margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3-22.	2.5	25
9	Shear wave splitting along a nascent plate boundary: the North Anatolian Fault Zone. <i>Geophysical Journal International</i> , 2010, , .	2.4	17
10	Seismicity, focal mechanisms and active stress field around the central segment of the North Anatolian Fault in Turkey. <i>Geophysical Journal International</i> , 2014, 196, 405-421.	2.4	13
11	Imaging the shallow crust with local and regional earthquake tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 2289-2306.	3.4	12
12	Overriding plate, mantle wedge, slab, and subslab contributions to seismic anisotropy beneath the northern Central Andean Plateau. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2556-2575.	2.5	12
13	Imaging the Nazca slab and surrounding mantle to 700 km depth beneath the central Andes (18°S to 10°S). <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1078-1094.	1.0784314	10
14	Lithospheric structure of an incipient rift basin: Results from receiver function analysis of Bransfield Strait, NW Antarctic Peninsula. <i>Polar Science</i> , 2018, 16, 47-58.	1.2	10
15	NOT SO STABLE AFTER ALL: LITHOSPHERIC STRUCTURES BENEATH THE SOUTHEASTERN UNITED STATES. , 2016, , .		0