

Tuna Eken

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36
papers

614
citations

14
h-index

24
g-index

41
ext. papers

724
ext. citations

3.3
avg, IF

3.66
L-index

#	Paper	IF	Citations
36	An earthquake gap south of Istanbul. <i>Nature Communications</i> , 2013 , 4, 1999	17.4	77
35	Thickness of the lithosphere beneath Turkey and surroundings from S-receiver functions. <i>Solid Earth</i> , 2015 , 6, 971-984	3.3	64
34	Seismogenic zones in Eastern Turkey. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	55
33	The East Anatolian Fault Zone: Seismotectonic setting and spatiotemporal characteristics of seismicity based on precise earthquake locations. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		45
32	Upper-mantle structure of the Baltic Shield below the Swedish National Seismological Network (SNSN) resolved by teleseismic tomography. <i>Geophysical Journal International</i> , 2007 , 169, 617-630	2.6	35
31	S and P velocity heterogeneities within the upper mantle below the Baltic Shield. <i>Tectonophysics</i> , 2008 , 462, 109-124	3.1	25
30	Seismic anisotropy of the mantle lithosphere beneath the Swedish National Seismological Network (SNSN). <i>Tectonophysics</i> , 2010 , 480, 241-258	3.1	24
29	Numerical simulation of 3-D mantle flow evolution in subduction zone environments in relation to seismic anisotropy beneath the eastern Mediterranean region. <i>Earth and Planetary Science Letters</i> , 2018 , 497, 50-61	5.3	23
28	Scandinavia: A Former Tibet?. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 4479-4487	3.6	22
27	Seismic anisotropy in central North Anatolian Fault Zone and its implications on crustal deformation. <i>Physics of the Earth and Planetary Interiors</i> , 2018 , 277, 99-112	2.3	19
26	Crustal Anisotropy in the Eastern Sea of Marmara Region in Northwestern Turkey. <i>Bulletin of the Seismological Society of America</i> , 2013 , 103, 911-924	2.3	19
25	Seismic Anisotropy from SKS Splitting beneath Northeastern Tibet. <i>Bulletin of the Seismological Society of America</i> , 2013 , 103, 3362-3371	2.3	18
24	Effects of seismic anisotropy on P-velocity tomography of the Baltic Shield. <i>Geophysical Journal International</i> , 2012 , 188, 600-612	2.6	16
23	Receiver function images of the base of the lithosphere in the Alboran Sea region. <i>Geophysical Journal International</i> , 2011 , 187, 1019-1026	2.6	16
22	Investigation of mantle kinematics beneath the Hellenic-subduction zone with teleseismic direct shear waves. <i>Physics of the Earth and Planetary Interiors</i> , 2016 , 261, 141-151	2.3	14
21	Anisotropic lithosphere under the Fennoscandian shield from P receiver functions and SKS waveforms of the POLENET/LAPNET array. <i>Tectonophysics</i> , 2014 , 628, 45-54	3.1	14
20	An application of the coda methodology for moment-rate spectra using broadband stations in Turkey. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	14

19	Fault Model for the 2015 Leucas (Aegean Arc) Earthquake: Analysis Based on Seismological and Geodetic Observations. <i>Bulletin of the Seismological Society of America</i> , 2017 , 107, 433-444	2.3	13
18	Significant seismic anisotropy beneath southern Tibet inferred from splitting of direct S-waves. <i>Physics of the Earth and Planetary Interiors</i> , 2016 , 250, 1-11	2.3	13
17	A new Moho boundary map for the northern Fennoscandian Shield based on combined controlled-source seismic and receiver function data. <i>GeoResJ</i> , 2014 , 1-2, 19-32		13
16	The Use of Direct Shear Waves in Quantifying Seismic Anisotropy: Exploiting Regional Arrays. <i>Bulletin of the Seismological Society of America</i> , 2014 , 104, 2644-2661	2.3	12
15	Localized crustal deformation along the central North Anatolian Fault Zone revealed by joint inversion of P-receiver functions and P-wave polarizations. <i>Geophysical Journal International</i> , 2019 , 217, 682-702	2.6	8
14	Influence of Upper Mantle Anisotropy on Isotropic P-Wave Tomography Images Obtained in the Eastern Mediterranean Region. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018559	3.6	8
13	Isotropic and Anisotropic P Wave Velocity Structures of the Crust and Uppermost Mantle Beneath Turkey. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2020JB019566	3.6	7
12	Source Mechanism and Rupture Process of the 24 January 2020 Mw 6.7 DoñnyolBivrice Earthquake obtained from Seismological Waveform Analysis and Space Geodetic Observations on the East Anatolian Fault Zone (Turkey). <i>Tectonophysics</i> , 2021 , 804, 228745	3.1	7
11	Seismic Anisotropy Beneath the Pamir and the Hindu Kush: Evidence for Contributions From Crust, Mantle Lithosphere, and Asthenosphere. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 10,727	3.6	7
10	Imaging of shear wave attenuation along the central part of the North Anatolian Fault Zone, Turkey. <i>Journal of Seismology</i> , 2019 , 23, 913-927	1.5	5
9	Seismic anisotropy inferred from direct &i></i>S</i>-wave-derived splitting measurements and its geodynamic implications beneath southeastern Tibetan Plateau. <i>Solid Earth</i> , 2017 , 8, 435-452	3.3	5
8	Moment magnitude estimates for central Anatolian earthquakes using coda waves. <i>Solid Earth</i> , 2019 , 10, 713-723	3.3	4
7	First results from the North Iceland experiment. <i>Marine Geophysical Researches</i> , 2006 , 27, 267-281	2.3	4
6	Crustal seismic attenuation parameters in the western region of the North Anatolian Fault Zone. <i>Journal of Geodynamics</i> , 2020 , 134, 101694	2.2	2
5	Seismic anisotropy and mantle deformation in NW Iran inferred from splitting measurements of SK(K)S and direct S phases. <i>Geophysical Journal International</i> , 2021 , 226, 1417-1431	2.6	2
4	Source characteristics and seismotectonic implications of the 26 September 2019 Mw 5.7 Silivri High-Kumburgaz Basin earthquake and evaluation of its aftershocks at the North Anatolian Fault Zone (Central Marmara Sea, NW Turkey). <i>Geophysical Journal International</i> , 2021 , 227, 383-402	2.6	2
3	Upper mantle dynamics of Bangladesh by splitting analysis of core-mantle refracted SKS, PKS, and SKKS phases. <i>Physics of the Earth and Planetary Interiors</i> , 2018 , 279, 21-32	2.3	1
2	Kinematics of the 30 October 2020 Mw 7.0 Nñn Karlovñion (Samos) earthquake in the Eastern Aegean Sea: Implications on source characteristics and dynamic rupture simulations. <i>Tectonophysics</i> , 2022 , 229223	3.1	1

- 1 Seismic anisotropy and mantle deformation beneath Eastern Ghats Mobile Belt using direct-S waves. *Precambrian Research*, **2021**, 360, 106215 3.9 ○