

Ayoub Kaviani

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

817
citations

567281

15
h-index

642732

23
g-index

31
all docs

31
docs citations

31
times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic attenuation tomography of the Sn phase beneath the Turkish-Iranian Plateau and the Zagros mountain belt. , 2022, 18, 1377-1393.		7
2	Mantle-flow diversion beneath the Iranian plateau induced by Zagrosâ€™ lithospheric keel. Scientific Reports, 2021, 11, 2848.	3.3	20
3	Crustal and Mantle Deformation Inherited From Obduction of the Semail Ophiolite (Oman) and Continental Collision (Zagros). Tectonics, 2021, 40, e2020TC006644.	2.8	10
4	Investigating the strength and trend of seismic anisotropy in the western part of Makran subduction zone and southeast of Iran. Physics of the Earth and Planetary Interiors, 2020, 298, 106345.	1.9	1
5	Simultaneous inversion for crustal thickness and anisotropy by multiphase splitting analysis of receiver functions. Geophysical Journal International, 2020, 223, 2009-2026.	2.4	3
6	Crustal and uppermost mantle shear wave velocity structure beneath the Middle East from surface wave tomography. Geophysical Journal International, 2020, 221, 1349-1365.	2.4	55
7	Shear wave velocity structure of the upper-mantle beneath the northern Zagros collision zone revealed by nonlinear teleseismic tomography and Bayesian Monte-Carlo joint inversion of surface wave dispersion and teleseismic P-wave coda. Physics of the Earth and Planetary Interiors, 2020, 300, 106444.	1.9	15
8	The Southern Zagros Collisional Orogen: New Insights From Transdimensional Trees Inversion of Seismic Noise. Geophysical Research Letters, 2020, 47, e2019GL086258.	4.0	25
9	Upper-mantle velocity structure beneath the Zagros collision zone, Central Iran and Alborz from nonlinear teleseismic tomography. Geophysical Journal International, 2019, 218, 414-428.	2.4	26
10	The effect of crustal anisotropy on SKS splitting analysisâ€™ synthetic models and real-data observations. Geophysical Journal International, 2018, 213, 1426-1447.	2.4	8
11	Mantle Transition Zone Thickness Beneath the Middle East: Evidence for Segmented Tethyan Slabs, Delaminated Lithosphere, and Lower Mantle Upwelling. Journal of Geophysical Research: Solid Earth, 2018, 123, 4886-4905.	3.4	28
12	Moment Magnitudes of Local/Regional Events from 1D Coda Calibrations in the Broader Middle East Region. Bulletin of the Seismological Society of America, 2016, 106, 1926-1938.	2.3	15
13	The crustal structure beneath Mauritius from teleseismic <i>P</i> receiver functions: Oceanic or continental?. Geophysical Research Letters, 2016, 43, 9636-9643.	4.0	4
14	Generalization of the <i>Hâ€™</i> stacking method to anisotropic media. Journal of Geophysical Research: Solid Earth, 2015, 120, 5135-5153.	3.4	14
15	The structure of the crust in the Turkishâ€™Iranian Plateau and Zagros using Lg Q and velocity. Geophysical Journal International, 2015, 200, 1254-1268.	2.4	25
16	Ps-splitting analysis for multilayered anisotropic media by azimuthal stacking and layer stripping. Geophysical Journal International, 2014, 199, 146-163.	2.4	48
17	Investigation of seismic anisotropy beneath the Dead Sea fault using dense networks of broadband stations. Journal of Geophysical Research: Solid Earth, 2013, 118, 3476-3491.	3.4	15
18	High resolution image of uppermost mantle beneath NE Iran continental collision zone. Physics of the Earth and Planetary Interiors, 2012, 208-209, 38-49.	1.9	27

#	ARTICLE	IF	CITATIONS
19	Short-scale variations of shear-wave splitting across the Dead Sea basin: Evidence for the effects of sedimentary fill. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	17
20	Upper-mantle S-velocity structure across the Zagros collision zone resolved by nonlinear teleseismic tomography. <i>Journal of Seismology</i> , 2011, 15, 329-339.	1.3	17
21	Seismic imaging of the lithospheric structure of the Zagros mountain belt (Iran). <i>Geological Society Special Publication</i> , 2010, 330, 5-18.	1.3	124
22	Shear-wave splitting, lithospheric anisotropy, and mantle deformation beneath the Arabia-Eurasia collision zone in Iran. <i>Earth and Planetary Science Letters</i> , 2009, 286, 371-378.	4.4	51
23	A strong seismic velocity contrast in the shallow mantle across the Zagros collision zone (Iran). <i>Geophysical Journal International</i> , 2007, 171, 399-410.	2.4	86
24	Seismological evidence for crustal-scale thrusting in the Zagros mountain belt (Iran). <i>Geophysical Journal International</i> , 2006, 166, 227-237.	2.4	176