

Dan McKenzie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8519284/publications.pdf>

Version: 2024-02-01

45
papers

8,538
citations

159358

30
h-index

233125

45
g-index

47
all docs

47
docs citations

47
times ranked

4977
citing authors

#	ARTICLE	IF	CITATIONS
1	The exfoliation of cratonic Australia in earthquakes. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117305.	1.8	9
2	The formation of continental roots. <i>Geology</i> , 2021, 49, 190-194.	2.0	20
3	Relations between earthquake distributions, geological history, tectonics and rheology on the continents. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20190412.	1.6	12
4	The influence of sediment blanketing on subduction-zone seismicity. <i>Earth and Planetary Science Letters</i> , 2020, 552, 116612.	1.8	3
5	Speculations on the Generation and Movement of Komatiites. <i>Journal of Petrology</i> , 2020, 61, .	1.1	10
6	Estimates of the Temperature and Melting Conditions of the Carpathian-Pannonian Upper Mantle From Volcanism and Seismology. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009334.	1.0	4
7	The structure of the lithosphere and upper mantle beneath the Eastern Mediterranean and Middle East. <i>Mediterranean Geoscience Reviews</i> , 2020, 2, 311-326.	0.6	19
8	Gravity, Topography, and Melt Generation Rates From Simple 3D Models of Mantle Convection. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008809.	1.0	9
9	The mechanical structure of Tibet. <i>Geophysical Journal International</i> , 2019, 217, 950-969.	1.0	13
10	Continental collisions and the origin of subcrustal continental earthquakes. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1101-1118.	0.6	26
11	Lithospheric heating by crustal thickening: a possible origin of the Parna�ba Basin. <i>Geological Society Special Publication</i> , 2018, 472, 37-44.	0.8	10
12	Subduction and vertical coastal motions in the eastern Mediterranean. <i>Geophysical Journal International</i> , 2017, 211, 593-620.	1.0	49
13	Speculations on the formation of cratons and cratonic basins. <i>Earth and Planetary Science Letters</i> , 2016, 435, 94-104.	1.8	75
14	A note on estimating T_e from Bouguer coherence. <i>GEM - International Journal on Geomathematics</i> , 2016, 7, 103-116.	0.7	8
15	Estimates of T_e for continental regions using GOCE gravity. <i>Earth and Planetary Science Letters</i> , 2015, 428, 97-107.	1.8	17
16	The lithospheric structure of Pangea. <i>Geology</i> , 2015, 43, 783-786.	2.0	47
17	Estimates of T_e from Bouguer coherence. <i>GEM - International Journal on Geomathematics</i> , 2016, 7, 103-116.	1.8	26
18	The relationship between shear wave velocity, temperature, attenuation and viscosity in the shallow part of the mantle. <i>Earth and Planetary Science Letters</i> , 2013, 381, 78-91.	1.8	209

#	ARTICLE	IF	CITATIONS
19	Lithospheric flexure in the Sichuan Basin and Longmen Shan at the eastern edge of Tibet. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	33
20	The Zagros core: Deformation of the continental lithospheric mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	79
21	Tsunami earthquake generation by the release of gravitational potential energy. <i>Earth and Planetary Science Letters</i> , 2012, 345-348, 1-8.	1.8	43
22	The influence of dynamically supported topography on estimates of T. <i>Earth and Planetary Science Letters</i> , 2010, 295, 127-138.	1.8	66
23	Subparallel thrust and normal faulting in Albania and the roles of gravitational potential energy and rheology contrasts in mountain belts. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	37
24	The African upper mantle and its relationship to tectonics and surface geology. <i>Geophysical Journal International</i> , 2008, 175, 1108-1126.	1.0	100
25	New views on the structure and rheology of the lithosphere. <i>Journal of the Geological Society</i> , 2008, 165, 453-465.	0.9	223
26	Thermal structure and seismicity of subducting lithosphere. <i>Physics of the Earth and Planetary Interiors</i> , 2007, 163, 191-208.	0.7	40
27	Models of crustal flow in the India-Asia collision zone. <i>Geophysical Journal International</i> , 2007, 169, 683-698.	1.0	171
28	Thermal structure of oceanic and continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2005, 233, 337-349.	1.8	731
29	Source enrichment processes responsible for isotopic anomalies in oceanic island basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2699-2724.	1.6	56
30	The dynamics of melting beneath Theistareykir, northern Iceland. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	48
31	Estimating the presence of internal loads. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	119
32	Theistareykir revisited. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	142
33	Characteristics and consequences of flow in the lower crust. <i>Journal of Geophysical Research</i> , 2000, 105, 11029-11046.	3.3	207
34	The generation of martian floods by the melting of ground ice above dykes. <i>Nature</i> , 1999, 397, 231-233.	13.7	116
35	Estimates of the effective elastic thickness of the continental lithosphere from Bouguer and free air gravity anomalies. <i>Journal of Geophysical Research</i> , 1997, 102, 27523-27552.	3.3	300
36	Convective thermal evolution of the upper mantles of Earth and Venus. <i>Geophysical Research Letters</i> , 1997, 24, 1539-1542.	1.5	15

#	ARTICLE	IF	CITATIONS
37	Elastic Thickness Estimates for Venus from Line of Sight Accelerations. <i>Icarus</i> , 1997, 130, 198-216.	1.1	54
38	The Relationship between Topography and Gravity on Earth and Venus. <i>Icarus</i> , 1994, 112, 55-88.	1.1	77
39	Oceanic crustal thickness from seismic measurements and rare earth element inversions. <i>Journal of Geophysical Research</i> , 1992, 97, 19683-19715.	3.3	1,124
40	Melt Generation by Plumes: A Study of Hawaiian Volcanism. <i>Journal of Petrology</i> , 1991, 32, 501-537.	1.1	434
41	The extraction of magma from the crust and mantle. <i>Earth and Planetary Science Letters</i> , 1985, 74, 81-91.	1.8	630
42	The Generation and Compaction of Partially Molten Rock. <i>Journal of Petrology</i> , 1984, 25, 713-765.	1.1	1,712
43	A thin viscous sheet model for continental deformation. <i>Geophysical Journal International</i> , 1982, 70, 295-321.	1.0	739
44	The relationship between bathymetry and gravity in the Atlantic Ocean. <i>Journal of Geophysical Research</i> , 1976, 81, 1903-1915.	3.3	340
45	Speculations on the Thermal and Tectonic History of the Earth. <i>Geophysical Journal of the Royal Astronomical Society</i> , 0, 42, 131-174.	0.2	280