

# Sodnomsambuu Demberel

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

445  
citations

759233

12  
h-index

752698

20  
g-index

33  
all docs

33  
docs citations

33  
times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for fluid and melt generation in response to an asthenospheric upwelling beneath the Hangai Dome, Mongolia. <i>Earth and Planetary Science Letters</i> , 2018, 487, 201-209.	4.4	54
2	Geologic Inheritance and Earthquake Rupture Processes: The 1905 M <sub>8</sub> Tsetserleg-Bulnay Strike-Slip Earthquake Sequence, Mongolia. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1925-1953.	3.4	53
3	Slip rate and slip magnitudes of past earthquakes along the Bogd left-lateral strike-slip fault (Mongolia). <i>Geophysical Journal International</i> , 2011, 186, 897-927.	2.4	40
4	Magnetotelluric multiscale 3-D inversion reveals crustal and upper mantle structure beneath the Hangai and Gobi-Altai region in Mongolia. <i>Geophysical Journal International</i> , 2020, 221, 1002-1028.	2.4	38
5	Evidence for terrane boundaries and suture zones across Southern Mongolia detected with a 2-dimensional magnetotelluric transect. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	28
6	FOCAL MECHANISMS OF EARTHQUAKES AND STRESS FIELD OF THE CRUST IN MONGOLIA AND ITS SURROUNDINGS. <i>Geodinamika I Tektonofizika</i> , 2016, 7, 23-38.	0.7	26
7	The first estimations of soil-radon activity near faults in Central Mongolia. <i>Radiation Measurements</i> , 2013, 49, 19-34.	1.4	23
8	Seismic velocity variations beneath central Mongolia: Evidence for upper mantle plumes?. <i>Earth and Planetary Science Letters</i> , 2017, 459, 406-416.	4.4	19
9	Crustal architecture of a metallogenic belt and ophiolite belt: implications for mineral genesis and emplacement from 3-D electrical resistivity models (Bayankhongor area, Mongolia). <i>Earth, Planets and Space</i> , 2021, 73, 82.	2.5	19
10	The Central Mongolia Seismic Experiment: Multiple Applications of Temporary Broadband Seismic Arrays. <i>Seismological Research Letters</i> , 2019, 90, 1364-1376.	1.9	18
11	Further evidence for an impact origin of the Tsenkher structure in the Gobi-Altai, Mongolia: geology of a 3.7 km crater with a well-preserved ejecta blanket. <i>Geological Magazine</i> , 2019, 156, 1-24.	1.5	16
12	Complicated seismic anisotropy beneath south-central Mongolia and its geodynamic implications. <i>Earth and Planetary Science Letters</i> , 2017, 465, 126-133.	4.4	15
13	Variations in radon activity in the crustal fault zones: Spatial characteristics. <i>Izvestiya, Physics of the Solid Earth</i> , 2014, 50, 795-813.	0.9	14
14	The crustal structure of south central Mongolia using receiver functions. <i>Tectonics</i> , 2016, 35, 1392-1403.	2.8	13
15	Attenuation of regional seismic phases (Lg and Sn) in Eastern Mongolia. <i>Geophysical Journal International</i> , 2017, 211, 979-989.	2.4	10
16	Lithospheric stress in Mongolia, from earthquake source data. <i>Geoscience Frontiers</i> , 2017, 8, 1323-1337.	8.4	9
17	Instrumental recording of slow deformation waves in the South Baikal geodynamic study site. <i>Doklady Earth Sciences</i> , 2017, 473, 371-374.	0.7	9
18	25,000 Years long seismic cycle in a slow deforming continental region of Mongolia. <i>Scientific Reports</i> , 2021, 11, 17855.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Solar terminator effects on middle- to low-latitude Pi2 pulsations. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	6
20	Recurrence of strong earthquakes in the active Hovd Fault Zone, Mongolian Altay. <i>Geotectonics</i> , 2013, 47, 340-350.	0.9	4
21	An interaction model for livestock farming and steppe ecosystem. <i>Mathematics and Computers in Simulation</i> , 2004, 67, 335-342.	4.4	3
22	First estimates of soil radon activity in the fault zones of central Mongolia. <i>Doklady Earth Sciences</i> , 2013, 448, 21-24.	0.7	3
23	Fault zones and stress fields of the Earth's crust in the vicinity of Ulaanbaatar (Mongolia) at the modern stage of tectogenesis. <i>Doklady Earth Sciences</i> , 2017, 474, 511-515.	0.7	3
24	Relationship between Radon and the Tectonic Activity of Faults in Central Mongolia. <i>Doklady Earth Sciences</i> , 2019, 487, 890-893.	0.7	3
25	Discovery of Ulaanbaatar Fault: A New Earthquake Threat to the Capital of Mongolia. <i>Seismological Research Letters</i> , 2021, 92, 437-447.	1.9	3
26	Diagnostics of the stress state of the lithosphere in Mongolia based on seismic source data. <i>Doklady Earth Sciences</i> , 2017, 473, 433-437.	0.7	2
27	First results of GPS measurements on the Ulaanbaatar geodynamic testing area. <i>Russian Geology and Geophysics</i> , 2018, 59, 1049-1059.	0.7	2
28	Infrastructural approach and geospatial data processing services in the tasks of territorial development management. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 190, 012048.	0.3	1
29	Study on the Earthquake Catalogue and the Seismicity of North China, Mongolia, and Adjacent Areas. , 2017, , .		0
30	The Bayankhongor Metal Belt (Mongolia): Constraints on Crustal Architecture and Implications for Mineral Emplacement from 3-D Electrical Resistivity Models. <i>Environmental Sciences Proceedings</i> , 2021, 6, 32.	0.3	0