

# 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	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
2	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
3	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
4	25,000 Years long seismic cycle in a slow deforming continental region of Mongolia. <i>Scientific Reports</i> , 2021, 11, 17855.	3.3	8
5	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
6	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
7	Relationship between Radon and the Tectonic Activity of Faults in Central Mongolia. <i>Doklady Earth Sciences</i> , 2019, 487, 890-893.	0.7	3
8	The Central Mongolia Seismic Experiment: Multiple Applications of Temporary Broadband Seismic Arrays. <i>Seismological Research Letters</i> , 2019, 90, 1364-1376.	1.9	18
9	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
10	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
11	Geologic Inheritance and Earthquake Rupture Processes: The 1905 M <sup>8</sup> Tsetserleg-Bulnay Strike-Slip Earthquake Sequence, Mongolia. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1925-1953.	3.4	53
12	First results of GPS measurements on the Ulaanbaatar geodynamic testing area. <i>Russian Geology and Geophysics</i> , 2018, 59, 1049-1059.	0.7	2
13	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
14	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
15	Lithospheric stress in Mongolia, from earthquake source data. <i>Geoscience Frontiers</i> , 2017, 8, 1323-1337.	8.4	9
16	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
17	Study on the Earthquake Catalogue and the Seismicity of North China, Mongolia, and Adjacent Areas. , 2017, , .		0
18	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

#	ARTICLE	IF	CITATIONS
19	Fault zones and stress fields of the Earth's crust in the vicinity of Ulaanbaatar (Mongolia) at the modern stage of tectogenesis. Doklady Earth Sciences, 2017, 474, 511-515.	0.7	3
20	Instrumental recording of slow deformation waves in the South Baikal geodynamic study site. Doklady Earth Sciences, 2017, 473, 371-374.	0.7	9
21	Attenuation of regional seismic phases (Lg and Sn) in Eastern Mongolia. Geophysical Journal International, 2017, 211, 979-989.	2.4	10
22	Solar terminator effects on middle- to low-latitude Pi2 pulsations. Earth, Planets and Space, 2016, 68, .	2.5	6
23	The crustal structure of south central Mongolia using receiver functions. Tectonics, 2016, 35, 1392-1403.	2.8	13
24	FOCAL MECHANISMS OF EARTHQUAKES AND STRESS FIELD OF THE CRUST IN MONGOLIA AND ITS SURROUNDINGS. Geodinamika I Tektonofizika, 2016, 7, 23-38.	0.7	26
25	Variations in radon activity in the crustal fault zones: Spatial characteristics. Izvestiya, Physics of the Solid Earth, 2014, 50, 795-813.	0.9	14
26	First estimates of soil radon activity in the fault zones of central Mongolia. Doklady Earth Sciences, 2013, 448, 21-24.	0.7	3
27	The first estimations of soil-radon activity near faults in Central Mongolia. Radiation Measurements, 2013, 49, 19-34.	1.4	23
28	Recurrence of strong earthquakes in the active Hovd Fault Zone, Mongolian Altay. Geotectonics, 2013, 47, 340-350.	0.9	4
29	Slip rate and slip magnitudes of past earthquakes along the Bogd left-lateral strike-slip fault (Mongolia). Geophysical Journal International, 2011, 186, 897-927.	2.4	40
30	An interaction model for livestock farming and steppe ecosystem. Mathematics and Computers in Simulation, 2004, 67, 335-342.	4.4	3