

Vadim A Saltykov

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

258
citations

1307594

7
h-index

1058476

14
g-index

36
all docs

36
docs citations

36
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and spatial characteristics of volcanic tremor wave fields. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 40, 89-101.	2.1	37
2	Magma migration at the onset of the 2012–13 Tolbachik eruption revealed by Seismic Amplitude Ratio Analysis. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 307, 60-67.	2.1	28
3	A statistical estimate of seismicity level: The method and results of application to Kamchatka. <i>Journal of Volcanology and Seismology</i> , 2011, 5, 123-128.	0.7	27
4	Precursors of large Kamchatka earthquakes based on monitoring of seismic noise. <i>Journal of Volcanology and Seismology</i> , 2008, 2, 94-107.	0.7	15
5	Constraints on unrest in the Tolbachik volcanic zone in Kamchatka prior the 2012–13 flank fissure eruption of Plosky Tolbachik volcano from local seismicity and GPS data. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 307, 38-46.	2.1	15
6	Spatial relation between the tidal component of seismic noise and development zones of strong earthquakes (from long-term regular observations on the Kamchatka Peninsula). <i>Izvestiya, Physics of the Solid Earth</i> , 2007, 43, 754-765.	0.9	9
7	Deep Structure of the Zone of Tolbachik Fissure Eruptions (Kamchatka, Klyuchevskoy Volcano Group): Evidence from a Complex of Geological and Geophysical Data. <i>Izvestiya, Physics of the Solid Earth</i> , 2018, 54, 444-465.	0.9	9
8	Relation between the tidal modulation of seismic noise and the amplitude-dependent loss in rock. <i>Acoustical Physics</i> , 2008, 54, 538-544.	1.0	7
9	A parametric representation of Kamchatka seismicity over time. <i>Journal of Volcanology and Seismology</i> , 2013, 7, 58-75.	0.7	7
10	Identifying the precursors of large ($M \geq 6.0$) earthquakes in Kamchatka based on data from the Kamchatka Branch of the Russian expert council on earthquake prediction: 1998–2011. <i>Journal of Volcanology and Seismology</i> , 2013, 7, 76-85.	0.7	7
11	Deep structure of the North Vent Area, Great Tolbachik Fissure Eruption of 1975–1976, Kamchatka: Evidence from low-frequency microseismic sounding. <i>Journal of Volcanology and Seismology</i> , 2013, 7, 313-327.	0.7	7
12	An analysis of precursory phenomena for the 2012–2013 Tolbachik Fissure Eruption: Seismicity parameters and crustal strain as inferred from data supplied by the system of multidisciplinary monitoring of volcanic activity in Kamchatka. <i>Journal of Volcanology and Seismology</i> , 2015, 9, 258-275.	0.7	7
13	On the possibility of using the tidal modulation of seismic waves for forecasting earthquakes. <i>Izvestiya, Physics of the Solid Earth</i> , 2017, 53, 250-261.	0.9	7
14	A comprehensive analysis of Kamchatka seismicity for the period 2005–2007 using the regional catalog. <i>Journal of Volcanology and Seismology</i> , 2009, 3, 269-278.	0.7	6
15	Relationship between heating of the ground surface and high-frequency seismic noise. <i>Physics of the Earth and Planetary Interiors</i> , 1992, 71, 1-5.	1.9	5
16	High-frequency seismic noise: Results of investigation in Kamchatka. <i>Physics and Chemistry of the Earth</i> , 2006, 31, 132-137.	2.9	5
17	New data on the deep structure of the Northern Vent of the Great Tolbachik Fissure Eruption (1975–1976). <i>Doklady Earth Sciences</i> , 2011, 441, 1673-1677.	0.7	5
18	The Tolud Burst of Seismicity and the Earthquake of November 30, 2012 ($M_C = 5.4$, $M_W = 4.8$) that Accompanied the Start of the 2012–2013 Tolbachik Eruption. <i>Journal of Volcanology and Seismology</i> , 2017, 11, 419-433.	0.7	5

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19	Modulation of high-frequency seismic noise by tidal deformations: The features of the phenomenon before strong earthquakes and a probable physical mechanism. <i>Izvestiya, Physics of the Solid Earth</i> , 2011, 47, 951-965.	0.9	4
20	Development of near-surface dilatancy zones as a possible cause for seismic emission anomalies before strong earthquakes. <i>Russian Journal of Pacific Geology</i> , 2012, 6, 86-95.	0.7	4
21	The model of the Uzon-Geizernaya volcano-tectonic depression and Kikhpinych volcano, Kamchatka, from the joint analysis of microseismic sounding data and local geodynamic activity. <i>Izvestiya, Physics of the Solid Earth</i> , 2015, 51, 403-418.	0.9	3
22	Temporary seismological observations in the area of the 2012–2013 Tolbachik Fissure Eruption: Results. <i>Journal of Volcanology and Seismology</i> , 2017, 11, 305-320.	0.7	3
23	The precursory phenomena before the Karymskii seismovolcanic crisis in parameters of seismicity in a wide range of energy. <i>Journal of Volcanology and Seismology</i> , 2009, 3, 168-178.	0.7	2
24	Staging of acoustic emission in laboratory modeling of tidal effects in seismicity. <i>Doklady Earth Sciences</i> , 2010, 430, 235-238.	0.7	2
25	Long-term seismic noise investigations on Shikotan Island: First results. <i>Russian Journal of Pacific Geology</i> , 2008, 2, 218-227.	0.7	1
26	Deep structure of the region of the Uzon-Geyser volcanic-tectonic depression based on the data of microseismic sounding. <i>Doklady Earth Sciences</i> , 2010, 435, 1460-1465.	0.7	1
27	A Broadband Accelerometer for Studying High Frequency Noise Produced by the Earth. <i>Instruments and Experimental Techniques</i> , 2020, 63, 120-125.	0.5	1
28	Variations of Seismicity in the Avachinsky Gulf (Kamchatka, Russia). <i>Natural Hazards</i> , 1999, 19, 87-96.	3.4	0
29	Nonhysteretic Nonlinear Losses at Intergrain Contacts in Rocks: Application to Tidal Modulation Phenomena in Seismics. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
30	Statistical Estimation of the Seismicity Level Change around Hokkaido, Northern Japan. <i>Pure and Applied Geophysics</i> , 2018, 175, 1971-1982.	1.9	0