Elena Bataleva

List of Publications by Year
in descending order

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45	468	840776 11	713466 21
papers	citations	h-index	g-index

48	48	48	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cenozoic tectonic and geodynamic evolution of the Kyrgyz Tien Shan Mountains: A review of geological, thermochronological and geophysical data. Journal of Asian Earth Sciences, 2007, 29, 205-214.	2.3	93
2	Underthrusting of Tarim beneath the Tien Shan and deep structure of their junction zone: Main results of seismic experiment along MANAS Profile Kashgar-Song-KÃ¶l. Geotectonics, 2010, 44, 102-126.	0.9	91
3	The system of neotectonic faults in southeastern Altai: orientations and geometry of motion. Russian Geology and Geophysics, 2008, 49, 859-867.	0.7	29
4	The lithospheric structure of the Central and Southern Tien Shan: MTS data correlated with petrology and laboratory studies of lower-crust and upper-mantle xenoliths. Russian Geology and Geophysics, 2011, 52, 1592-1599.	0.7	22
5	Array magnetotelluric soundings in the active seismic area of Northern Tien Shan. Russian Geology and Geophysics, 2008, 49, 337-349.	0.7	18
6	Cenozoic tectonics and geodynamic evolution of the Tien Shan mountain belt as response to India-Eurasia convergence. Himalayan Journal of Sciences, 2006, 2, 106-107.	0.3	17
7	COMPLEX ELECTROMAGNETIC MONITORING OF GEODYNAMIC PROCESSES IN THE NORTHERN TIEN SHAN (BISHKEK GEODYNAMIC TEST AREA). Geodinamika I Tektonofizika, 2018, 9, 461-487.	0.7	17
8	On the question of the interrelation between variations in crustal electrical conductivity and geodynamical processes. Izvestiya, Physics of the Solid Earth, 2013, 49, 402-410.	0.9	15
9	New sedimentological and palynological data from the Yarkand-Fergana Basin (Kyrgyz Tian Shan): Insights on its Mesozoic paleogeographic and tectonic evolution. Geoscience Frontiers, 2021, 12, 183-202.	8.4	14
10	Response of cracking processes in variations of geophysical fields. Journal of Applied Geophysics, 2020, 181, 104144.	2.1	13
11	System for Collecting, Processing, Visualization, and Storage of the MT-Monitoring Data. Data, 2019, 4, 99.	2.3	12
12	Middleâ€“Late Paleozoic geodynamic complexes and structure of Gorny Altai and their record in gravity data. Russian Geology and Geophysics, 2017, 58, 1277-1288.	0.7	11
13	Structure of the basement surface and sediments in the Kochkor basin (Tien Shan): geological and geophysical evidence. Russian Geology and Geophysics, 2018, 59, 335-350.	0.7	11
14	Specific Features in the Deep Structure of the Naryn Basinâ€“Baibichetoo Ridgeâ€“Atbashi Basin System: Evidence from the Complex of Geological and Geophysical Data. Doklady Earth Sciences, 2018, 479, 499-502.	0.7	10
15	Studying the Depth Structure of the Kyrgyz Tien Shan by Using the Seismic Tomography and Magnetotelluric Sounding Methods. Geosciences (Switzerland), 2021, 11, 122.	2.2	10
16	Nature of electric conductive layers of the upper crust and infrastructure of granites of the Central Tien Shan. Doklady Earth Sciences, 2016, 470, 968-971.	0.7	9
17	BASED ON MAGNETOTELLURIC DATA (METHODOLOGICAL ASPECT). Bulletin of Kamchatka Regional Association Â«Educational-Scientific CenterÂ» Earth Sciences, 2019, , 42-56.	0.3	9
18	Oxygen and Carbon Stable Isotope Composition of Cretaceous to Pliocene Calcareous Paleosols in the Tian Shan Region (Central Asia): Controlling Factors and Paleogeographic Implications. Geosciences (Switzerland), 2018, 8, 330.	2.2	8

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19	Definition of the Seismic Field of the Underground Sources in the Ambient Seismic Noise in the Tien Shan Region Using a Three-Component Gradient System. Journal of Earth Science (Wuhan, China), 2020, 31, 988-992.	3.2	8
20	New data on the deep structure of the South Kochkor zone of concentrated deformation. Doklady Earth Sciences, 2017, 475, 930-934.	0.7	7
21	Correlation dependences of electromagnetic and deformation parameters. Doklady Earth Sciences, 2016, 468, 523-526.	0.7	6
22	On the question of the relationship of variations in geophysical fields, lunar-solar tidal effects and seismic events. E3S Web of Conferences, 2019, 127, 02019.	0.5	6
23	Use of Magnetotelluric Sounding to Study Tectonic Disturbances in Rock Masses. Journal of Mining Science, 2005, 41, 225-231.	0.6	5
24	The state of the lithosphere in the junction zone of Tarim and Tien Shan according to the petrological interpretation of the magnetotelluric data. Izvestiya, Physics of the Solid Earth, 2013, 49, 384-391.	0.9	5
25	Deep Structure of the Lithosphere in the Central Tien Shan along the Son-Kul Magnetotelluric Sounding Profile. Doklady Earth Sciences, 2021, 496, 101-106.	0.7	4
26	Processing, analysis and interpretation of time-frequency series for magnetotelluric monitoring. IOP Conference Series: Earth and Environmental Science, 2019, 350, 012053.	0.3	3
27	Deep Geoelectric Structure of the Earthâ€™s Crust and the Upper Mantle of the Pamirâ€“Alai Zone. Russian Geology and Geophysics, 2019, 60, 108-118.	0.7	3
28	New options to study irreversible deformations in the Tien Shan lithosphere. IOP Conference Series: Earth and Environmental Science, 2021, 773, 012053.	0.3	2
29	Upper crust structural and morphological ensembles of the Pamir-Tien Shan segment of Central Asia and their reflection in geophysical fields. Vestnik of Saint Petersburg University Earth Sciences, 2018, 63, .	0.4	2
30	VOLUMETRIC AND SPATIAL SEGMENTATION OF THE TIEN SHAN LITHOSPHERE ACCORDING TO GEOPHYSICAL DATA. Geodinamika I Tektonofizika, 2021, 12, 508-543.	0.7	1
31	Ð“Ð›Ð£Ð˜ÐÐÐ˜ Ð“Ð•ÐžÐÐ›Ð•ÐšÐ¢ÐÐ˜Ð§Ð•Ð¡ÐšÐ˜Ð¥ Ð¡Ð¢Ð£Ð”Ð•ÐšÐ¢Ð£ÐÐ•Ð—Ð•ÐœÐžÐ™ ÐšÐžÐÐ« Ð˜ Ð’Ð•ÐÐ¥ÐÐ•Ð™ ÐœÐÐ	1	
32	ABOUT NEW POSSIBILITIES IN STUDYING PERMANENT DEFORMATIONS IN TIEN SHAN LITHOSPHERE. , 2019, 6, .	0.0	1
33	On the relationship of the extrema of lunar-solar tidal influences and seismic events. E3S Web of Conferences, 2020, 196, 02022.	0.5	1
34	Features of the manifestation of lunar-solar tides in the electromagnetic parameters of the active fault zones of the Tien Shan. E3S Web of Conferences, 2020, 196, 03003.	0.5	1
35	On the dynamics of the electromagnetic parameters of the Northern Tien Shan lithosphere. EPJ Web of Conferences, 2021, 254, 03004.	0.3	1
36	Structural and geological studies in the Naryn and Atbashi depressions (Tien Shan) and geological interpretation of magnetotelluric data. IOP Conference Series: Earth and Environmental Science, 2021, 929, 012007.	0.3	1

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37	STUDY OF THE DEPTH STRUCTURE OF SEISMICALLY ACTIVE ZONES BY THE METHOD OF MAGNETOTELLURIC SOUNDING. Interexpo GEO-Siberia, 2021, 2, 345-353.	0.0	0
38	Modern problems and prospects for the development of magnetotelluric monitoring on the territory of the Bishkek geodynamic test site. IOP Conference Series: Earth and Environmental Science, 2021, 867, 012002.	0.3	0
39	Integrated geodynamic studies of the Tien Shan lithosphere: state and prospects. IOP Conference Series: Earth and Environmental Science, 2021, 867, 012001.	0.3	0
40	Analysis of electromagnetic earthquake predictors based on data of magnetotelluric monitoring data (coseismic effect). , 2020, , .		0
41	The role of electromagnetic sounding in the assessment of hydrothermal resources of the Northern Tien Shan. IOP Conference Series: Earth and Environmental Science, 2020, 579, 012118.	0.3	0
42	Analysis of the features of the spatio-temporal distribution of geoelectric inhomogeneities in the Earthâ€™s crust and seismic events. EPJ Web of Conferences, 2021, 254, 02003.	0.3	0
43	Manifestation of â€œflower structuresâ€•in geophysical models of the Central Tien Shan. IOP Conference Series: Earth and Environmental Science, 2021, 929, 012001.	0.3	0
44	Analysis of synchronous magnetotelluric and magnetovariational regime observations for the Kentor mini test polygon. IOP Conference Series: Earth and Environmental Science, 2021, 929, 012023.	0.3	0
45	Helium isotope studies of the Central Tien Shan. IOP Conference Series: Earth and Environmental Science, 2021, 929, 012005.	0.3	0