Sergey A Tikhotskiy

List of Publications by Year
in descending order

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21	313	1163117 8	1199594 12
papers	citations	h-index	g-index

21	21	21	255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A global isostatic gravity model of the Earth. Geophysical Journal International, 1999, 136, 519-536.	2.4	92
2	Deep structure of the Baikal rift zone revealed by joint inversion of gravity and seismology. Journal of Geophysical Research, 2003, 108, .	3.3	50
3	Can tectonic processes be recovered from new gravity satellite data?. Earth and Planetary Science Letters, 2004, 228, 281-297.	4.4	34
4	Traveltime seismic tomography with adaptive wavelet parameterization. Izvestiya, Physics of the Solid Earth, 2011, 47, 326-344.	0.9	27
5	Structure and evolution of the Molucca Sea area: constraints based on interpretation of a combined sea-surface and satellite gravity dataset. Earth and Planetary Science Letters, 2003, 215, 135-150.	4.4	26
6	Joint inversion of the differential satellite interferometry and GPS data: A case study of Altai (Chuia) Earthquake of September 27, 2003. Izvestiya, Physics of the Solid Earth, 2010, 46, 91-103.	0.9	19
7	Inversion of controlled-source seismic tomography and gravity data with the self-adaptive wavelet parametrization of velocities and interfaces. Geophysical Journal International, 2008, 172, 619-630.	2.4	18
8	Mesozoicâ€“Cenozoic Climate and Neotectonic Events as Factors in Reconstructing the Thermal History of the Source-Rock Bazhenov Formation, Arctic Region, West Siberia, by the Example of the Yamal Peninsula. Izvestiya, Physics of the Solid Earth, 2018, 54, 310-329.	0.9	9
9	Estimation of Elastic Stress-Related Properties of Bottom Sediments via the Inversion of Very- and Ultra-High-Resolution Seismic Data. Izvestiya - Atmospheric and Oceanic Physics, 2019, 55, 1755-1765.	0.9	7
10	Localization and Characterization of Hydraulically Conductive Fractured Zones at Seismic Scale with the Help of Geomecha. , 2018, , .		6
11	Reconstruction of the harmonic component of the magnetic field modulus anomalies. Izvestiya, Physics of the Solid Earth, 2006, 42, 334-343.	0.9	5
12	Comprehensive Laboratory Core Analysis at CPGR IPE RAS. Seismic Instruments, 2018, 54, 586-597.	0.3	5
13	Upscaling and downscaling of reservoir rock elastic properties: Rock physics approach. , 2018, , .		5
14	3D Geomechanical Modeling of Oil Field on the Basis of a Model of the Mechanical Properties for the Task of Wells Construction (Russian). , 2015, , .		3
15	Joint Inversion of Multi-type Geophysical and Geochemical Data for Hydrocarbon Systems Exploration at Sea Shelf. , 2014, , .		2
16	3D Geomechanical Modeling of Oil Field on the Basis of a Model of the Mechanical Properties for the Task of Wells Construction. , 2015, , .		2
17	Ð¡ÐµÐ¹ÑÐ¼Ð¾ÐºÑƒÑ‚Ð¸Ñ‡ÐµÑÐºÐ¾Ð¼Ñ Ð¿Ñ€Ð¾Ñ„Ð¸Ð»Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð¸Ðµ Ð´Ð»Ñ•Ð†Ð¼Ð°Ð³Ð½Ð¸Ñ‚Ð½Ð¾Ð¹ Ð¼Ð¾Ð´ÐµÐ»Ð¸		
18	ÐÐºÑÐ¿ÐµÑ€Ð¸Ð¼ÐµÐ½Ñ‚Ð°Ð»ÑŒÐ½Ð¾Ðµ Ð¸ÑÑ»ÐµÐ´Ð¾Ð²Ð°Ð½Ð¸Ðµ Ð²Ð¾Ð·Ð¼Ð¾Ð¶Ð½Ð¾ÑÑ‚Ð¸		

#	Article	IF	Citations
19	Correction to â€œDeep structure of the Baikal rift zone revealed by joint inversion of gravity and seismologyâ€• Journal of Geophysical Research, 2003, 108, .	3.3	0
20	On the Resolution Limits in the Near Surface Traveltime Tomography Studies. , 2014, , .		0
21	INFLUENCE OF SPATIAL INTERACTIONS OF INCLUSIONS ON THE EFFECTIVE ELASTIC TENSOR OF CRACKED POROUS MEDIUM. Chebyshevskii Sbornik, 2017, 18, 44-54.	0.1	0