

Vadim K Milyukov

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,351
citations

759233

12
h-index

580821

25
g-index

34
all docs

34
docs citations

34
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	Contemporary State of the Elbrus Volcanic Center (The Northern Caucasus). Pure and Applied Geophysics, 2018, 175, 1889-1907.	1.9	10
2	Measurements of the gravitational constant using two independent methods. Nature, 2018, 560, 582-588.	27.8	102
3	Satellite geodetic monitoring of the Vladikavkaz active fault zone: First results. Izvestiya, Physics of the Solid Earth, 2017, 53, 598-605.	0.9	4
4	Influence of tungsten fiber's slow drift on the measurement of G with angular acceleration method. Review of Scientific Instruments, 2016, 87, 084501.	1.3	2
5	Observation of the Free Oscillations of the Earth by Laser Interferometer-Strain Meters. Measurement Techniques, 2016, 58, 1322-1329.	0.6	2
6	TianQin: a space-borne gravitational wave detector. Classical and Quantum Gravity, 2016, 33, 035010.	4.0	995
7	The free oscillations of the earth excited by three strongest earthquakes of the past decade according to deformation observations. Izvestiya, Physics of the Solid Earth, 2015, 51, 176-190.	0.9	15
8	Velocities of contemporary movements of the Northern Caucasus estimated from GPS observations. Geotectonics, 2015, 49, 210-218.	0.9	20
9	Preliminary determination of Newtonian gravitational constant with angular acceleration feedback method. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140031.	3.4	12
10	G measurements with time-of-swing method at HUST. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20140141.	3.4	11
11	Monitoring Current Vertical Movements of the Northern Caucasus by Absolute and Relative Gravimetry. Measurement Techniques, 2014, 56, 1105-1110.	0.6	10
12	Global deformations of the Eurasian plate and variations of the Earth rotation rate. Journal of Geodynamics, 2013, 67, 97-105.	1.6	10
13	Influence of thermoelastic and baric processes on measurements of lithosphere deformations by means of a baksan laser interferometer. Measurement Techniques, 2012, 55, 659-665.	0.6	3
14	The Newtonian gravitational constant: Modern status of measurement and the new CODATA value. Gravitation and Cosmology, 2012, 18, 216-224.	1.1	25
15	Long-term observations of lithosphere deformations by the Baksan laser interferometer in underground conditions. Measurement Techniques, 2012, 55, 63-67.	0.6	5
16	Deformation processes in the lithosphere related to the nonuniformity of the Earth's rotation. Izvestiya, Physics of the Solid Earth, 2011, 47, 246-258.	0.9	10
17	THE NEWTONIAN GRAVITATIONAL CONSTANT: THE HISTORY OF THE DETERMINATION AND THE ENVIRONMENTAL NOISE PROBLEM FOR THE EXPERIMENTAL MEASUREMENT. , 2010, , .		1
18	Monitoring crustal deformations in the Northern Caucasus using a high precision long base laser strainmeter and the GPS/GLONASS network. Journal of Geodynamics, 2010, 49, 216-223.	1.6	15

#	ARTICLE	IF	CITATIONS
19	“Galileo Galilei” (GG) a small satellite to test the equivalence principle of Galileo, Newton and Einstein. <i>Experimental Astronomy</i> , 2009, 23, 689-710.	3.7	22
20	Numerical modeling of the motion of a torsion balance in the problem of measuring the Newtonian gravitational constant. <i>Moscow University Physics Bulletin (English Translation of Vestnik) Tj ETQq0 0 0 rgBT /Overlook 10 Tf50 697 Td</i>		
21	Problems of measurement of the Newtonian gravitational constant. <i>Gravitation and Cosmology</i> , 2009, 15, 65-68.	1.1	0
22	Coupled modes of the torsion pendulum. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 547-552.	2.1	23
23	Status of the experiments on measurement of the Newtonian gravitational constant. <i>Gravitation and Cosmology</i> , 2008, 14, 368-375.	1.1	2
24	Monitoring the State of the Magmatic Structures of Elbrus Volcano Based on Observation of Lithosphere Strains. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
25	Observation of Luni-Solar Tides by the Long Base Laser Interferometer. <i>Progress of Theoretical Physics Supplement</i> , 2008, 172, 165-168.	0.1	0
26	Measurement of Density Inhomogeneity for Glass Pendulum. <i>Chinese Physics Letters</i> , 2008, 25, 4203-4206.	3.3	12
27	Observations of crustal tide strains in the Elbrus area. <i>Izvestiya, Physics of the Solid Earth</i> , 2007, 43, 922-930.	0.9	14
28	A Laser Interferometer-Deformograph for Monitoring the Crust Movement. <i>Instruments and Experimental Techniques</i> , 2005, 48, 780-795.	0.5	23
29	LINGRAN-100: laser middle-base interferometric gravitational antenna. , 1998, , .		0
30	Wideband laser interferometer for monitoring the Earth strains. , 1998, 3682, 117.		0