

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	TianQin: a space-borne gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2016, 33, 035010.	4.0	995
2	Measurements of the gravitational constant using two independent methods. <i>Nature</i> , 2018, 560, 582-588.	27.8	102
3	The Newtonian gravitational constant: Modern status of measurement and the new CODATA value. <i>Gravitation and Cosmology</i> , 2012, 18, 216-224.	1.1	25
4	A Laser Interferometer-Deformograph for Monitoring the Crust Movement. <i>Instruments and Experimental Techniques</i> , 2005, 48, 780-795.	0.5	23
5	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
6	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
7	Velocities of contemporary movements of the Northern Caucasus estimated from GPS observations. <i>Geotectonics</i> , 2015, 49, 210-218.	0.9	20
8	Monitoring crustal deformations in the Northern Caucasus using a high precision long base laser strainmeter and the GPS/GLONASS network. <i>Journal of Geodynamics</i> , 2010, 49, 216-223.	1.6	15
9	The free oscillations of the earth excited by three strongest earthquakes of the past decade according to deformation observations. <i>Izvestiya, Physics of the Solid Earth</i> , 2015, 51, 176-190.	0.9	15
10	Observations of crustal tide strains in the Elbrus area. <i>Izvestiya, Physics of the Solid Earth</i> , 2007, 43, 922-930.	0.9	14
11	Measurement of Density Inhomogeneity for Glass Pendulum. <i>Chinese Physics Letters</i> , 2008, 25, 4203-4206.	3.3	12
12	Preliminary determination of Newtonian gravitational constant with angular acceleration feedback method. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140031.	3.4	12
13	G measurements with time-of-swing method at HUST. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140141.	3.4	11
14	Deformation processes in the lithosphere related to the nonuniformity of the Earth's rotation. <i>Izvestiya, Physics of the Solid Earth</i> , 2011, 47, 246-258.	0.9	10
15	Global deformations of the Eurasian plate and variations of the Earth rotation rate. <i>Journal of Geodynamics</i> , 2013, 67, 97-105.	1.6	10
16	Monitoring Current Vertical Movements of the Northern Caucasus by Absolute and Relative Gravimetry. <i>Measurement Techniques</i> , 2014, 56, 1105-1110.	0.6	10
17	Contemporary State of the Elbrus Volcanic Center (The Northern Caucasus). <i>Pure and Applied Geophysics</i> , 2018, 175, 1889-1907.	1.9	10
18	Long-term observations of lithosphere deformations by the Baksan laser interferometer in underground conditions. <i>Measurement Techniques</i> , 2012, 55, 63-67.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Satellite geodetic monitoring of the Vladikavkaz active fault zone: First results. Izvestiya, Physics of the Solid Earth, 2017, 53, 598-605.	0.9	4
20	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
21	Status of the experiments on measurement of the Newtonian gravitational constant. Gravitation and Cosmology, 2008, 14, 368-375.	1.1	2
22	Monitoring the State of the Magmatic Structures of Elbrus Volcano Based on Observation of Lithosphere Strains. AIP Conference Proceedings, 2008, , .	0.4	2
23	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
24	Observation of the Free Oscillations of the Earth by Laser Interferometer-Strain Meters. Measurement Techniques, 2016, 58, 1322-1329.	0.6	2
25	THE NEWTONIAN GRAVITATIONAL CONSTANT: THE HISTORY OF THE DETERMINATION AND THE ENVIRONMENTAL NOISE PROBLEM FOR THE EXPERIMENTAL MEASUREMENT. , 2010, , .		1
26	LINGRAN-100: laser middle-base interferometric gravitational antenna. , 1998, , .		0
27	Wideband laser interferometer for monitoring the Earth strains. , 1998, 3682, 117.		0
28	Observation of Luni-Solar Tides by the Long Base Laser Interferometer. Progress of Theoretical Physics Supplement, 2008, 172, 165-168.	0.1	0
29	Numerical modeling of the motion of a torsion balance in the problem of measuring the Newtonian gravitational constant. Moscow University Physics Bulletin (English Translation of Vestnik) Tj ETQq1 1 0.784314 rg8T4/Overlæk 10 Tf 50		0
30	Problems of measurement of the Newtonian gravitational constant. Gravitation and Cosmology, 2009, 15, 65-68.	1.1	0