Yurij Baryshev

List of Publications by Year
in descending order

54	783	516710 16	552781 26
papers	citations	h-index	g-index

55	55	55	406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The cold local Hubble flow as a signature of dark energy. Astronomy and Astrophysics, 2001, 378, 729-734.	5.1	62
2	On the quiescence of the Hubble flow in the vicinity of the Local Group. Astronomy and Astrophysics, 2001, 368, L17-L20.	5.1	53
3	Absence of self-averaging and of homogeneity in the large-scale galaxy distribution. Europhysics Letters, 2009, 86, 49001.	2.0	49
4	Why is the Hubble flow so quiet?. Advances in Space Research, 2003, 31, 459-467.	2.6	44
5	Absence of anti-correlations and of baryon acoustic oscillations in the galaxy correlation function from the Sloan Digital Sky Survey data release 7. Astronomy and Astrophysics, 2009, 505, 981-990.	5.1	44
6	The quiescent Hubble flow, local dark energy tests, and pairwise velocity dispersion in a $ mathsf{Omega} = {mathsf 1}$ universe. Astronomy and Astrophysics, 2005, 440, 791-797.	5.1	42
7	Breaking the self-averaging properties of spatial galaxy fluctuations in the Sloan Digital Sky Survey â€“ Data release six. Astronomy and Astrophysics, 2009, 508, 17-43.	5.1	34
8	Galaxy distribution and extreme-value statistics. Europhysics Letters, 2009, 88, 59001.	2.0	31
9	Power law correlations in galaxy distribution and finite volume effects from the Sloan Digital Sky Survey Data Release Four. Astronomy and Astrophysics, 2007, 465, 23-33.	5.1	30
10	Non-Friedmann cosmology for the Local Universe, significance of the universal Hubble constant, and short-distance indicators of dark energy. Astronomy and Astrophysics, 2006, 456, 13-21.	5.1	29
11	Fundamental Questions of Practical Cosmology. Astrophysics and Space Science Library, 2012, , .	2.7	28
12	Two-fluid matter-quintessence FLRW models: Energy transfer and the equation of state of the universe. Astronomy and Astrophysics, 2004, 415, 813-820.	5.1	27
13	Large-scale fluctuations in the distribution of galaxies from the two-degree galaxy redshift survey. Astronomy and Astrophysics, 2009, 496, 7-23.	5.1	26
14	Persistent fluctuations in the distribution of galaxies from the Two-degree Field Galaxy Redshift Survey. Europhysics Letters, 2009, 85, 29002.	2.0	24
15	Large scale correlations in galaxy clustering from the two degree field galaxy redshift survey. Astronomy and Astrophysics, 2006, 447, 431-440.	5.1	18
16	Testing the Copernican and Cosmological Principles in the local universe with galaxy surveys. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 021-021.	5.4	18
17	Statistics of the detection rates for tensor and scalar gravitational waves from the Local Galaxy universe. Astronomy and Astrophysics, 2001, 371, 378-392.	5.1	13
18	Optical morphology of distant RATAN-600 radio galaxies from subarcsecond resolution NOT images. Astronomy and Astrophysics, 1999, 134, 505-521.	2.1	13

#	Article	IF	Citations
19	Influence of gravitational lensing on sources of gravitational radiation. Classical and Quantum Gravity, 2002, 19, 1361-1366.	4.0	12
20	The method of a two-point conditional column density for estimating the fractal dimension of the distribution of galaxies. Astronomy Letters, 2004, 30, 444-450.	1.0	12
21	GRAVITATIONAL LENS AMPLIFICATION OF GRAVITATIONAL RADIATION. International Journal of Modern Physics D, 2002, 11, 1067-1074.	2.1	11
22	Large-scale fluctuations in the number density of galaxies in independent surveys of deep fields. Astronomy Reports, 2016, 60, 563-578.	0.9	10
23	Method for analyzing the spatial distribution of galaxies on gigaparsec scales. II. Application to a grid of the HUDF-FDF-COSMOS-HDF surveys. Astrophysics, 2010, 53, 101-111.	0.5	9
24	Spatial density fluctuations and selection effects in galaxy redshift surveys. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 035-035.	5.4	9
25	Sidereal time analysis as a tool for the study of the space distribution of sources of gravitational waves. Astronomy and Astrophysics, 2003, 398, 377-383.	5.1	9
26	Limits on dark energyâ€“matter interaction from the Hubble relation for two-fluid FLRW models. Astronomy and Astrophysics, 2003, 407, L9-L12.	5.1	7
27	Classical cosmological tests for galaxies of the Hubble Ultra Deep Field. Astrophysical Bulletin, 2008, 63, 244-258.	1.3	7
28	The non-uniform distribution of galaxies from data of the SDSS DR7 survey. Astronomy Reports, 2011, 55, 324-340.	0.9	7
29	Global structure of the local universe according to 2MRS survey. Astrophysical Bulletin, 2016, 71, 155-164.	1.3	7
30	Hubble Law: Measure and Interpretation. Foundations of Physics, 2017, 47, 1208-1228.	1.3	7
31	Relativistic Effects in Orbital Motion of the S-Stars at the Galactic Center. Universe, 2020, 6, 177.	2.5	7
32	Prediction of the Sidereal Time Distribution of Gravitational Wave Events for Different Detectors. Astrophysical Journal, 2003, 592, L99-L101.	4.5	6
33	Conceptual Problems of the Standard Cosmological Model. AIP Conference Proceedings, 2006, , .	0.4	6
34	Method for analyzing the spatial distribution of galaxies on gigaparsec scales. I. initial principles. Astrophysics, 2010, 53, 91-100.	0.5	6
35	Spatial Distribution of Gamma-Ray Burst Sources. Astrophysics, 2017, 60, 484-496.	0.5	6
36	Study of faint galaxies in the field of GRB021004. Astrophysical Bulletin, 2010, 65, 311-325.	1.3	5

#	Article	IF	Citations
37	Einsteinâ€™s Geometrical versus Feynmanâ€™s Quantum-Field Approaches to Gravity Physics: Testing by Modern Multimessenger Astronomy. Universe, 2020, 6, 212.	2.5	5
38	Observational constraints on the angular and spectral distributions of photons in gamma-ray burst sources. Astronomy Reports, 2006, 50, 612-625.	0.9	4
39	High time resolution multi-band photo-polarimetric observations of the binary millisecond redback pulsar J1023+0038 with the BTA. Journal of Physics: Conference Series, 2017, 932, 012027.	0.4	4
40	Large-Scale Structure: Methods of Analysis. Astrophysics and Space Science Library, 2012, , 213-245.	2.7	2
41	Physics of Gravitational Interaction: Geometry of Space or Quantum Field in Space. AIP Conference Proceedings, 2006, , .	0.4	0
42	The Inhomogeneous Galaxy Universe: Observational Results. Astrophysics and Space Science Library, 2012, , 247-270.	2.7	0
43	Cosmic Distances and Selection Biases. Astrophysics and Space Science Library, 2012, , 47-68.	2.7	0
44	Distance Measurement and Cosmography. Astrophysics and Space Science Library, 2012, , 19-45.	2.7	0
45	Study of BTA, Hubble, and Spitzer GRB 021004 deep fields. EAS Publications Series, 2013, 61, 435-437.	0.3	0
46	Mattig's relation and dynamical distance indicators. Astronomische Nachrichten, 2016, 337, 315-317.	1.2	0
47	Gravitational Physics for Cosmic Scales. Astrophysics and Space Science Library, 2012, , 91-110.	2.7	0
48	Cosmological Redshift and the Distance Scale. Astrophysics and Space Science Library, 2012, , 69-89.	2.7	0
49	Constructing Universes: A Gallery of Ideas. Astrophysics and Space Science Library, 2012, , 181-212.	2.7	0
50	Some Outstanding Problems of Cosmological Physics. Astrophysics and Space Science Library, 2012, , 271-291.	2.7	0
51	Predictions of Gravity Theories. Astrophysics and Space Science Library, 2012, , 111-130.	2.7	0
52	The Golden Age of Cosmological Physics. Astrophysics and Space Science Library, 2012, , 1-17.	2.7	0
53	The Friedmann Model. Astrophysics and Space Science Library, 2012, , 131-155.	2.7	0
54	Classical Cosmological Tests. Astrophysics and Space Science Library, 2012, , 157-180.	2.7	0