

Włodzimierz Godłowski

List of Publications by Year in descending order

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38
papers

722
citations

471509

17
h-index

526287

27
g-index

38
all docs

38
docs citations

38
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	How many parameters in the cosmological models with dark energy?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 10-16.	4.1	86
2	DARK MATTER AND DARK ENERGY AS EFFECTS OF MODIFIED GRAVITY. International Journal of Geometric Methods in Modern Physics, 2007, 04, 183-196.	2.0	78
3	Generalized Chaplygin Gas Models Tested with Type Ia Supernovae. Astrophysical Journal, 2005, 622, 28-38.	4.5	60
4	Accelerated cosmological models in modified gravity tested by distant supernovae SNIa data. Physical Review D, 2006, 74, .	4.7	56
5	Which cosmological modelâ€”with dark energy or modified FRW dynamics?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 427-432.	4.1	56
6	Can the Stephani model be an alternative to FRW accelerating models?. Classical and Quantum Gravity, 2004, 21, 3953-3971.	4.0	36
7	Equation of state for the Universe from similarity symmetries. General Relativity and Gravitation, 2006, 38, 795-821.	2.0	31
8	Constraints on a Cardassian Model from Type Ia Supernova Data, Revisited. Astrophysical Journal, 2004, 605, 599-606.	4.5	28
9	Letter: Rotation of the Universe and the Angular Momenta of Celestial Bodies. General Relativity and Gravitation, 2003, 35, 907-913.	2.0	27
10	Brane Universes Tested by Supernovae Ia. General Relativity and Gravitation, 2004, 36, 767-779.	2.0	27
11	GLOBAL AND LOCAL EFFECTS OF ROTATION: OBSERVATIONAL ASPECTS. International Journal of Modern Physics D, 2011, 20, 1643-1673.	2.1	23
12	Some remarks on the angular momenta of galaxies, their clusters and superclusters. General Relativity and Gravitation, 2005, 37, 615-625.	2.0	21
13	BRANE UNIVERSES TESTED AGAINST ASTRONOMICAL DATA. International Journal of Modern Physics D, 2004, 13, 1669-1702.	2.1	20
14	Can the initial singularity be detected by cosmological tests?. Physical Review D, 2005, 72, .	4.7	20
15	Dark Energy and Global Rotation of the Universe. General Relativity and Gravitation, 2003, 35, 2171-2187.	2.0	19
16	THE ORIENTATION OF GALAXIES IN GALAXY CLUSTERS. Astrophysical Journal, 2010, 723, 985-992.	4.5	19
17	REMARKS ON THE METHODS OF INVESTIGATIONS OF ALIGNMENT OF GALAXIES. Astrophysical Journal, 2012, 747, 7.	4.5	18
18	Testing and selection of cosmological models with $(1+z)^6$ corrections. Physical Review D, 2008, 77, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	THE ORIENTATIONS OF GALAXY GROUPS AND FORMATION OF THE LOCAL SUPERCLUSTER. <i>Astrophysical Journal</i> , 2010, 708, 920-926.	4.5	13
20	ACCELERATION OF THE UNIVERSE DRIVEN BY THE CASIMIR FORCE. <i>International Journal of Modern Physics D</i> , 2008, 17, 343-366.	2.1	12
21	Complementary constraints on non-standard cosmological models from CMB and BBN. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 619, 219-225.	4.1	10
22	Can brane dark energy model be probed observationally by distant supernovae?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 5-13.	4.1	10
23	Towards observational constraints on a negative cosmological constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 5-13.	4.1	10
24	Investigation of the orientation of galaxies in clusters: the importance, methods and results of research. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 005-005.	5.4	6
25	Constraining bouncing cosmology caused by the Casimir effect. <i>Gravitation and Cosmology</i> , 2008, 14, 17-27.	1.1	5
26	THE DISTRIBUTION OF GALAXIESâ€™ GRAVITATIONAL FIELD STEMMING FROM THEIR TIDAL INTERACTION. <i>Astrophysical Journal</i> , 2015, 810, 167.	4.5	5
27	Dynamics of the universe with global rotation. <i>General Relativity and Gravitation</i> , 2005, 37, 907-936.	2.0	4
28	The non-Gaussian distribution of galaxy gravitational fields. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 119.	1.7	4
29	Some Properties of Galaxy Structures. <i>Open Astronomy</i> , 2011, 20, .	0.6	2
30	Implications of Galaxy Alignment for the Galaxy Formation Problem. , 1994, , 275-276.		1
31	The new method of investigating the orientation of galaxies and their clusters. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 315-315.	0.0	1
32	Construction of luminosity function for galaxy clusters. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 316-316.	0.0	1
33	Power Spectrum for the Distribution of Galaxies on the Sphere. , 0, , 273-278.		0
34	Brane Universes Tested by Supernovae. , 2005, , 579-584.		0
35	Acceleration of the Universe caused by non-homogeneity effects. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
36	Problems of Clustering of Radiogalaxies. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 215-216.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Toward testing the fundamental physics by SNIa data. , 2004, , 157-191.		0
38	On the Orientation of Galaxies in the Local Supercluster. Astrophysics and Space Science Library, 1984, , 65-66.	2.7	0