

# Bolokhov Sergey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6956989/publications.pdf>

Version: 2024-02-01

28  
papers

219  
citations

1307594

7  
h-index

996975

15  
g-index

28  
all docs

28  
docs citations

28  
times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic black universes and wormholes with a phantom scalar. <i>Classical and Quantum Gravity</i> , 2012, 29, 245006.	4.0	75
2	Cylindrical wormholes: A search for viable phantom-free models in GR. <i>International Journal of Modern Physics D</i> , 2019, 28, 1941008.	2.1	23
3	Hybrid Metric-Palatini Gravity: Black Holes, Wormholes, Singularities, and Instabilities. <i>Gravitation and Cosmology</i> , 2020, 26, 212-227.	1.1	17
4	Extra dimensions as a source of the electroweak model. <i>Physical Review D</i> , 2011, 84, .	4.7	15
5	On generalized Melvin's solutions for Lie algebras of rank 2. <i>Gravitation and Cosmology</i> , 2017, 23, 337-342.	1.1	9
6	On Cosmology in Nonlinear Multidimensional Gravity with Multiple Factor Spaces. <i>Gravitation and Cosmology</i> , 2018, 24, 154-160.	1.1	9
7	Rotating Cylinders with Anisotropic Fluids in General Relativity. <i>Gravitation and Cosmology</i> , 2019, 25, 122-130.	1.1	8
8	The Schwarzschild Singularity: A Semiclassical Bounce?. <i>Gravitation and Cosmology</i> , 2018, 24, 315-320.	1.1	7
9	On generalized Melvin solution for the Lie algebra $E_{6,6}$ . <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	6
10	On generalized Melvin solutions for Lie algebras of rank 3. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018, 15, 1850108.	2.0	6
11	Hybrid Metric-Palatini Gravity: Regular Stringlike Configurations. <i>Universe</i> , 2020, 6, 172.	2.5	6
12	The mechanism of generating fermion masses in the 8-dimensional geometric theory. <i>General Relativity and Gravitation</i> , 2005, 37, 2227-2238.	2.0	5
13	Matter Accretion Versus Semiclassical Bounce in Schwarzschild Interior. <i>Universe</i> , 2020, 6, 178.	2.5	5
14	On nonlinear multidimensional gravity and the Casimir effect. <i>Gravitation and Cosmology</i> , 2016, 22, 323-328.	1.1	4
15	Duality Identities for Moduli Functions of Generalized Melvin Solutions Related to Classical Lie Algebras of Rank 4. <i>Advances in Mathematical Physics</i> , 2018, 2018, 1-10.	0.8	4
16	On the description of Lorentz reference frames in a relational model of space-time. <i>Gravitation and Cosmology</i> , 2009, 15, 28-31.	1.1	3
17	Spherically Symmetric Space-Times in Generalized Hybrid Metric-Palatini Gravity. <i>Gravitation and Cosmology</i> , 2021, 27, 358-374.	1.1	3
18	On stepwise dimensional reduction in Kaluza-Klein models. <i>Gravitation and Cosmology</i> , 2012, 18, 61-64.	1.1	2

#	ARTICLE	IF	CITATIONS
19	On the construction of effective metrics in a relational model of space-time. <i>Gravitation and Cosmology</i> , 2013, 19, 35-41.	1.1	2
20	Visible, invisible and trapped ghosts as sources of wormholes and black universes. <i>Journal of Physics: Conference Series</i> , 2016, 675, 012013.	0.4	2
21	Cosmology in nonlinear multidimensional gravity and the Casimir effect. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012091.	0.4	2
22	On Explanations of Magnetic Fields of Astrophysical Objects in the Geometric and Relational Approaches. <i>Gravitation and Cosmology</i> , 2018, 24, 139-147.	1.1	2
23	On generalized Melvin solutions for Lie algebras of rank 4. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	2
24	The Higgs field and extra dimensions. <i>Gravitation and Cosmology</i> , 2011, 17, 31-34.	1.1	1
25	A possible semiclassical bounce instead of a Schwarzschild singularity. <i>International Journal of Modern Physics A</i> , 2020, 35, 2040051.	1.5	1
26	On the Description of Masses and Charges in the 6D Theory of Kaluza-Klein Type. <i>Gravitation and Cosmology</i> , 2019, 25, 366-373.	1.1	0
27	On generalized Melvin solutions for Lie algebras of rank 3. <i>Journal of Physics: Conference Series</i> , 2019, 1390, 012093.	0.4	0
28	On generalized Melvin solutions for Lie algebras of rank 4. <i>Journal of Physics: Conference Series</i> , 2020, 1690, 012140.	0.4	0