

# Anastasia Petukhova

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

58  
citations

1684188  
5  
h-index

1588992  
8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Image of Forbush Decrease in a Magnetic Cloud by Three Moments of Cosmic Ray Distribution Function. Journal of Geophysical Research: Space Physics, 2019, 124, 19-31.	2.4	13
2	Theory of the Formation of Forbush Decrease in a Magnetic Cloud: Dependence of Forbush Decrease Characteristics on Magnetic Cloud Parameters. Astrophysical Journal, 2019, 880, 17.	4.5	11
3	Solar Energetic Particle Acceleration by a Shock Wave Accompanying a Coronal Mass Ejection in the Solar Atmosphere. Astrophysical Journal, 2017, 836, 36.	4.5	9
4	Forbush Decrease Characteristics in a Magnetic Cloud. Space Weather, 2020, 18, e2020SW002616.	3.7	9
5	Forbush decrease in the intensity of cosmic rays in a toroidal model of a magnetic cloud. JETP Letters, 2015, 102, 697-700.	1.4	6
6	Toroidal models of magnetic field with twisted structure. SolneĤno-zemnaĤ Fizika, 2019, 5, 69-75.	0.9	4
7	Toroidal models of magnetic field with twisted structure. SolneĤno-zemnaĤ Fizika, 2019, 5, 74-81.	0.2	2
8	Forbush decrease of cosmic rays in a toroidal model of a magnetic cloud. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 532-534.	0.6	1
9	Injection of solar cosmic rays in the ground level event of April 15, 2001. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 529-531.	0.6	1
10	Cosmic rays as an indicator of the geoeffectiveness of magnetic clouds. E3S Web of Conferences, 2019, 127, 02007.	0.5	1
11	Forbush decrease spectrum in a magnetic cloud in the 2004 July 27 event. Journal of Physics: Conference Series, 2020, 1690, 012016.	0.4	1
12	Toroidal Models of the Force-free Magnetic Field. , 2017, , .		0
13	Theory of Forbush Decrease in a Magnetic Cloud. , 2017, , .		0
14	Studies of Heliospheric Modulation of Cosmic Rays at ShICRA SB RAS and Prospects of Their Further Development. Physics of Atomic Nuclei, 2021, 84, 1087-1097.	0.4	0