

# Anna Kotova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7760083/publications.pdf>

Version: 2024-02-01

15  
papers

416  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. <i>Icarus</i> , 2018, 315, 146-157.	2.5	216
2	A radiation belt of energetic protons located between Saturn and its rings. <i>Science</i> , 2018, 362, .	12.6	27
3	Saturn Plasma Sources and Associated Transport Processes. <i>Space Science Reviews</i> , 2015, 192, 237-283.	8.1	25
4	Jupiter's Magnetosphere: Plasma Sources and Transport. <i>Space Science Reviews</i> , 2015, 192, 209-236.	8.1	19
5	The evolution of Saturn's radiation belts modulated by changes in radial diffusion. <i>Nature Astronomy</i> , 2017, 1, 872-877.	10.1	18
6	Numerical simulation of energetic electron microsignature drifts at Saturn: Methods and applications. <i>Icarus</i> , 2013, 226, 1595-1611.	2.5	17
7	Energetic particle measurements in the vicinity of Dione during the three Cassini encounters 2005-2011. <i>Icarus</i> , 2013, 226, 617-628.	2.5	16
8	Modeling of the energetic ion observations in the vicinity of Rhea and Dione. <i>Icarus</i> , 2015, 258, 402-417.	2.5	15
9	MeV proton flux predictions near Saturn's D ring. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8586-8602.	2.4	12
10	The in-situ exploration of Jupiter's radiation belts. <i>Experimental Astronomy</i> , 2022, 54, 745-789.	3.7	11
11	Modeling the satellite particle population in the planetary exospheres: Application to Earth, Titan and Mars. <i>Icarus</i> , 2014, 227, 21-36.	2.5	9
12	Saturn's Innermost Radiation Belt Throughout and Inward of the Ring. <i>Geophysical Research Letters</i> , 2018, 45, 10,912.	4.0	9
13	Galactic Cosmic Rays Access to the Magnetosphere of Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 166-177.	2.4	9
14	Magnetospheric Interactions of Saturn's Moon Dione (2005-2015). <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027688.	2.4	9
15	Spectra of Saturn's proton belts revealed. <i>Icarus</i> , 2022, 376, 114795.	2.5	4