

# Izabela Kowalska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5539460/publications.pdf>

Version: 2024-02-01

11  
papers

269  
citations

1039406

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1281420

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12  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Cycle of Imaging the Global Heliosphere: Interstellar Boundary Explorer (IBEX) Observations from 2009–2019. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 26.	3.0	58
2	Density of Neutral Hydrogen in the Sun's Interstellar Neighborhood. <i>Astrophysical Journal</i> , 2020, 903, 48.	1.6	56
3	Evolution of the Solar Ly $\alpha$ Line Profile during the Solar Cycle. <i>Astrophysical Journal</i> , 2018, 852, 115.	1.6	31
4	Evolution of the Solar Ly $\alpha$ Line Profile during the Solar Cycle. II. How Accurate Is the Present Radiation Pressure Paradigm for Interstellar Neutral H in the Heliosphere?. <i>Astrophysical Journal</i> , 2018, 868, 49.	1.6	26
5	Globally coherent short duration magnetic field transients and their effect on ground based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , 2017, 34, 074002.	1.5	25
6	Model-free Maps of Interstellar Neutral Hydrogen Measured with IBEX between 2009 and 2018. <i>Astrophysical Journal</i> , 2019, 871, 52.	1.6	25
7	Update of the Solar Ly $\alpha$ Profile Line Model. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 62.	3.0	24
8	WawHelioGlow: A Model of the Heliospheric Backscatter Glow. I. Model Definition. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 16.	3.0	9
9	WawHelioGlow: A Model of the Heliospheric Backscatter Glow. II. The Helioglow Buildup and the Potential Significance of the Anisotropy in the Solar EUV Output. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 17.	3.0	9
10	Inferring Contributions from Unresolved Point Sources to Diffuse Emissions Measured in UV Sky Surveys: General Method and SOHO/SWAN Case Study. <i>Astrophysical Journal</i> , 2020, 899, 48.	1.6	3
11	Absorption of the Ly $\alpha$ Radiation in the Heliosphere. <i>Astrophysical Journal</i> , 2022, 926, 27.	1.6	3