

# Izabela Kowalska

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

144  
citations

7  
h-index

12  
g-index

12  
ext. papers

212  
ext. citations

5.8  
avg, IF

3.19  
L-index

#	Paper	IF	Citations
11	Absorption of the Ly $\beta$ Radiation in the Heliosphere. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 27	4.7	1
10	WawHelioGlow: A Model of the Heliospheric Backscatter Glow. I. Model Definition. <i>Astrophysical Journal, Supplement Series</i> , <b>2021</b> , 254, 16	8	4
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> , <b>2021</b> , 254, 17	8	4
8	Update of the Solar Ly $\beta$ Profile Line Model. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 247, 62	8	15
7	Solar Cycle of Imaging the Global Heliosphere: Interstellar Boundary Explorer (IBEX) Observations from 2009–2019. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 248, 26	8	26
6	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> , <b>2020</b> , 899, 48	4.7	2
5	Density of Neutral Hydrogen in the Sun's Interstellar Neighborhood. <i>Astrophysical Journal</i> , <b>2020</b> , 903, 48	4.7	17
4	Model-free Maps of Interstellar Neutral Hydrogen Measured with IBEX between 2009 and 2018. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 52	4.7	14
3	Evolution of the Solar Ly $\beta$ Line Profile during the Solar Cycle. <i>Astrophysical Journal</i> , <b>2018</b> , 852, 115	4.7	24
2	Evolution of the Solar Ly $\beta$ 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> , <b>2018</b> , 868, 49	4.7	18
1	Globally coherent short duration magnetic field transients and their effect on ground based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , <b>2017</b> , 34, 074002	3.3	19