Izabela Kowalska

List of Publications by Citations

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	Solar Cycle of Imaging the Global Heliosphere: Interstellar Boundary Explorer (IBEX) Observations from 2009–2019. *Astrophysical Journal, Supplement Series*, **2020**, 248, 26	8	26
10	Evolution of the Solar Ly-Line Profile during the Solar Cycle. *Astrophysical Journal*, **2018**, 852, 115	4.7	24
9	Globally coherent short duration magnetic field transients and their effect on ground based gravitational-wave detectors. *Classical and Quantum Gravity*, **2017**, 34, 074002	3.3	19
8	Evolution of the Solar Ly-Line Profile during the Solar Cycle. II. How Accurate Is the Present Radiation Pressure Paradigm for Interstellar Neutral H in the Heliosphere?. *Astrophysical Journal*, **2018**, 868, 49	4.7	18
7	Density of Neutral Hydrogen in the Sun's Interstellar Neighborhood. *Astrophysical Journal*, **2020**, 903, 48	4.7	17
6	Update of the Solar Ly-Profile Line Model. *Astrophysical Journal, Supplement Series*, **2020**, 247, 62	8	15
5	Model-free Maps of Interstellar Neutral Hydrogen Measured with IBEX between 2009 and 2018. *Astrophysical Journal*, **2019**, 871, 52	4.7	14
4	WawHelioGlow: A Model of the Heliospheric Backscatter Glow. I. Model Definition. *Astrophysical Journal, Supplement Series*, **2021**, 254, 16	8	4
3	WawHelioGlow: A Model of the Heliospheric Backscatter Glow. II. The Helioglow Buildup and the Potential Significance of the Anisotropy in the Solar EUV Output. *Astrophysical Journal, Supplement Series*, **2021**, 254, 17	8	4
2	Inferring Contributions from Unresolved Point Sources to Diffuse Emissions Measured in UV Sky Surveys: General Method and SOHO/SWAN Case Study. *Astrophysical Journal*, **2020**, 899, 48	4.7	2
1	Absorption of the Ly-Radiation in the Heliosphere. *Astrophysical Journal*, **2022**, 926, 27	4.7	1