

Timothy Bastian

List of Publications by Year in descending order

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24
papers

943
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiwavelength Observations of the Formation and Eruption of a Complex Filament. <i>Astrophysical Journal</i> , 2021, 910, 40.	4.5	7
2	Radio Spectral Imaging of an M8.4 Eruptive Solar Flare: Possible Evidence of a Termination Shock. <i>Astrophysical Journal</i> , 2021, 911, 4.	4.5	14
3	ALMA observations of the variability of the quiet Sun at millimeter wavelengths. <i>Astronomy and Astrophysics</i> , 2021, 652, A92.	5.1	16
4	Observations of solar chromospheric oscillations at 3 mm with ALMA. <i>Astronomy and Astrophysics</i> , 2020, 634, A86.	5.1	23
5	Transient brightenings in the quiet Sun detected by ALMA at 3 mm. <i>Astronomy and Astrophysics</i> , 2020, 638, A62.	5.1	19
6	Detection of 2.4 GHz Continuum Emission from μ Eridani. <i>Astrophysical Journal</i> , 2020, 904, 138.	4.5	7
7	Radio Emission from the Exoplanetary System μ Eridani. <i>Astrophysical Journal</i> , 2018, 857, 133.	4.5	18
8	Magnetic Reconnection Null Points as the Origin of Semirelativistic Electron Beams in a Solar Jet. <i>Astrophysical Journal</i> , 2018, 866, 62.	4.5	45
9	Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): Fast-Scan Single-Dish Mapping. <i>Solar Physics</i> , 2017, 292, 1.	2.5	76
10	The Brightness Temperature of the Quiet Solar Chromosphere at 2.6 mm. <i>Solar Physics</i> , 2017, 292, 1.	2.5	16
11	Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): High-Resolution Interferometric Imaging. <i>Solar Physics</i> , 2017, 292, 1.	2.5	57
12	A First Comparison of Millimeter Continuum and Mg ii Ultraviolet Line Emission from the Solar Chromosphere. <i>Astrophysical Journal Letters</i> , 2017, 845, L19.	8.3	32
13	Particle acceleration by a solar flare termination shock. <i>Science</i> , 2015, 350, 1238-1242.	12.6	114
14	DIRECT EVIDENCE OF AN ERUPTIVE, FILAMENT-HOSTING MAGNETIC FLUX ROPE LEADING TO A FAST SOLAR CORONAL MASS EJECTION. <i>Astrophysical Journal</i> , 2014, 794, 149.	4.5	33
15	Solar flares at submillimeter wavelengths. <i>Astronomy and Astrophysics Review</i> , 2013, 21, 1.	25.5	55
16	TRACING ELECTRON BEAMS IN THE SUN'S CORONA WITH RADIO DYNAMIC IMAGING SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2013, 763, L21.	8.3	64
17	Radio Emission from the Sun and Stars: New Insights into Energetic Phenomena. <i>Symposium - International Astronomical Union</i> , 2004, 219, 145-158.	0.1	0
18	Radio Emission from Extrasolar Planets. <i>Symposium - International Astronomical Union</i> , 2004, 213, 73-76.	0.1	3

#	ARTICLE	IF	CITATIONS
19	A Search for Radio Emission from Extrasolar Planets. <i>Astrophysical Journal</i> , 2000, 545, 1058-1063.	4.5	139
20	Joint radio and soft x-ray imaging of an ?anemone? active region. <i>Solar Physics</i> , 1996, 163, 99-120.	2.5	11
21	Location of type I radio continuum and bursts on Yohkoh soft X-ray maps. <i>Solar Physics</i> , 1995, 160, 151-169.	2.5	28
22	850 $\hat{1}$ / ₄ m Observations of the 11 July 1991 Total Solar Eclipse. Symposium - International Astronomical Union, 1994, 154, 161-166.	0.1	0
23	Angular scattering of solar radio emission by coronal turbulence. <i>Astrophysical Journal</i> , 1994, 426, 774.	4.5	112
24	Decimetric solar type U bursts - VLA and PHOENIX observations. <i>Astrophysical Journal</i> , 1992, 391, 380.	4.5	47