Ken Kobayashi

List of Publications by Year
in descending order

14 papers	326 citations	1307594 7 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	341 citing authors

#	Article	IF	Citations
1	Parallel Plasma Loops and the Energization of the Solar Corona. Astrophysical Journal, 2022, 933, 153.	4.5	5
2	Mapping solar magnetic fields from the photosphere to the base of the corona. Science Advances, 2021, 7, .	10.3	42
3	Calibration of the Marshall Grazing Incidence X-Ray Spectrometer Experiment. II. Flight Instrument Calibration. Astrophysical Journal, 2021, 922, 65.	4.5	2
4	Calibration of the MaGIXS Experiment. I. Calibration of the X-Ray Source at the X-Ray and Cryogenic Facility. Astrophysical Journal, 2020, 905, 66.	4.5	4
5	Alignment of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS) telescope mirror and spectrometer optics assemblies. , 2020, , .		2
6	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. Astrophysical Journal, 2019, 884, 24.	4.5	11
7	The High-Resolution Coronal Imager, Flight 2.1. Solar Physics, 2019, 294, 1.	2.5	44
8	X-ray evaluation of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS) nickel-replicated mirrors. , 2019, , .		7
9	The Marshall grazing incidence x-ray spectrometer (MaGIXS). , 2018, , .		9
10	On the alignment and focusing of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS). Proceedings of SPIE, 2016, , .	0.8	7
11	Vacuum ultraviolet spectropolarimeter design for precise polarization measurements. Applied Optics, 2015, 54, 2080.	1.8	24
12	The High-Resolution Coronal Imager (Hi-C). Solar Physics, 2014, 289, 4393-4412.	2.5	104
13	DEFINING THE â€œBLIND SPOTâ€•OF HINODE EIS AND XRT TEMPERATURE MEASUREMENTS. Astrophysical Journal Letters, 2012, 746, L17.	8.3	56
14	Stigmatic grazing-incidence x-ray spectrograph for solar coronal observations. Proceedings of SPIE, 2010, , .	0.8	9