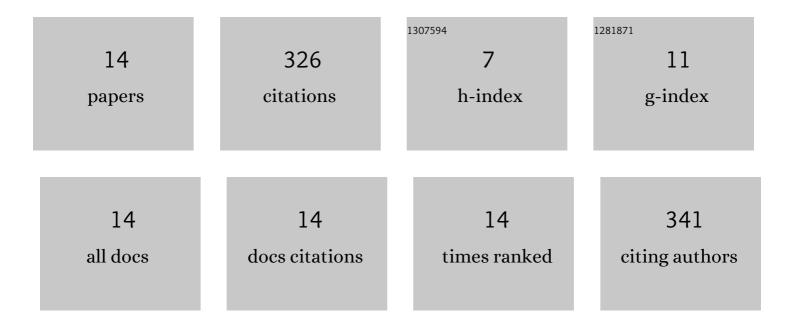
## Ken Kobayashi

List of Publications by Year in descending order

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KEN KOBAVASHI

| #  | 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<br>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<br>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.<br>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).<br>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 "BLIND SPOT―OF <i>HINODE</i> EIS AND XRT TEMPERATURE MEASUREMENTS. Astrophysica<br>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         |