Ignacio Ugarte-Urra

List of Publications by Year
in descending order

36 papers	1,610 citations	361413 20 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	1032 citing authors

#	Article	IF	Citations
1	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions. Astrophysical Journal, 2022, 926, 53.	4.5	24
2	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). I. Coronal Heating. Astrophysical Journal, 2022, 926, 52.	4.5	25
3	Geometric Assumptions in Hydrodynamic Modeling of Coronal and Flaring Loops. Astrophysical Journal, 2022, 933, 106.	4.5	4
4	Properties of EUV Imaging Spectrometer (EIS) Slot Observations. Solar Physics, 2022, 297, .	2.5	2
5	Energetics and 3D Structure of Elementary Events in Solar Coronal Heating. Astrophysical Journal, 2021, 910, 84.	4.5	11
6	Analysis of a long-duration AR throughout five solar rotations: Magnetic properties and ejective events. Advances in Space Research, 2020, 65, 1641-1653.	2.6	2
7	Observation and Modeling of High-temperature Solar Active Region Emission during the High-resolution Coronal Imager Flight of 2018 May 29. Astrophysical Journal, 2020, 896, 51.	4.5	10
8	Achievements of Hinode in the first eleven years. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	69
9	The Magnetic Properties of Heating Events on High-temperature Active-region Loops. Astrophysical Journal, 2019, 877, 129.	4.5	15
10	Spectroscopic Observations of Current Sheet Formation and Evolution. Astrophysical Journal, 2018, 854, 122.	4.5	112
11	Dependence of Coronal Loop Temperature on Loop Length and Magnetic Field Strength. Astrophysical Journal, 2018, 868, 116.	4.5	12
12	Toward a Quantitative Comparison of Magnetic Field Extrapolations and Observed Coronal Loops. Astrophysical Journal, 2018, 860, 46.	4.5	14
13	Modeling Coronal Response in Decaying Active Regions with Magnetic Flux Transport and Steady Heating. Astrophysical Journal, 2017, 846, 165.	4.5	12
14	A study of the long term evolution in active region upflows. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	9
15	OBSERVATIONAL SIGNATURES OF CORONAL LOOP HEATING AND COOLING DRIVEN BY FOOTPOINT SHUFFLING. Astrophysical Journal, 2016, 817, 47.	4.5	46
16	CORRELATION OF CORONAL PLASMA PROPERTIES AND SOLAR MAGNETIC FIELD IN A DECAYING ACTIVE REGION. Astrophysical Journal, 2016, 826, 126.	4.5	14
17	MAGNETIC FLUX TRANSPORT AND THE LONG-TERM EVOLUTION OF SOLAR ACTIVE REGIONS. Astrophysical Journal, 2015, 815, 90.	4.5	34
18	Full-Sun observations for identifying the source of the slow solar wind. Nature Communications, 2015, 6, 5947.	12.8	115

#	Article	IF	Citations
19	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON HINODE. Astrophysical Journal, Supplement Series, 2014, 213, 11.	7.7	64
20	DETERMINING HEATING TIMESCALES IN SOLAR ACTIVE REGION CORES FROM AIA/SDOFe XVIII IMAGES. Astrophysical Journal, 2014, 783, 12.	4.5	35
21	HIGH SPATIAL RESOLUTION OBSERVATIONS OF LOOPS IN THE SOLAR CORONA. Astrophysical Journal Letters, 2013, 772, L19.	8.3	89
22	IS ACTIVE REGION CORE VARIABILITY AGE DEPENDENT?. Astrophysical Journal, 2012, 761, 21.	4.5	27
23	SOLAR CORONAL LOOPS RESOLVED BY HINODE AND THE SOLAR DYNAMICS OBSERVATORY. Astrophysical Journal Letters, 2012, 755, L33.	8.3	80
24	A STANDARD-TO-BLOWOUT JET. Astrophysical Journal Letters, 2011, 735, L18.	8.3	60
25	TEMPORAL VARIABILITY OF ACTIVE REGION OUTFLOWS. Astrophysical Journal, 2011, 730, 37.	4.5	41
26	THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. Astrophysical Journal, 2011, 727, 58.	4.5	60
27	MODELING EVOLVING CORONAL LOOPS WITH OBSERVATIONS FROMSTEREO,HINODE, ANDTRACE. Astrophysical Journal, 2010, 713, 1095-1107.	4.5	21
28	ACTIVE REGION TRANSITION REGION LOOP POPULATIONS AND THEIR RELATIONSHIP TO THE CORONA. Astrophysical Journal, 2009, 695, 642-651.	4.5	100
29	Jets in Coronal Holes: Hinode Observations and Three-dimensional Computer Modeling. Astrophysical Journal, 2008, 673, L211-L214.	4.5	193
30	Observations of Active Region Loops with the EUV Imaging Spectrometer on Hinode. Astrophysical Journal, 2008, 686, L131-L134.	4.5	90
31	The Role of Transient Brightenings in Heating the Solar Corona. Astrophysical Journal, 2008, 689, L77-L80.	4.5	16
32	Observations of Transient Active Region Heating with Hinode. Publication of the Astronomical Society of Japan, 2007, 59, S675-S681.	2.5	20
33	Hinode EUV Imaging Spectrometer Observations of Solar Active Region Dynamics. Publication of the Astronomical Society of Japan, 2007, 59, S713-S719.	2.5	17
34	Hinode EUV Imaging Spectrometer Observations of Active Region Loop Morphology: Implications for Static Heating Models of Coronal Emission. Publication of the Astronomical Society of Japan, 2007, 59, S691-S697.	2.5	16
35	The Magnetic Topology of Coronal Mass Ejection Sources. Astrophysical Journal, 2007, 662, 1293-1301.	4.5	91
36	An Investigation into the Variability of Heating in a Solar Active Region. Astrophysical Journal, 2006, 643, 1245-1257.	4.5	60