

Ignacio Ugarte-Urra

List of Publications by Year in descending order

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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	Jets in Coronal Holes: <i>Hinode</i> Observations and Three-dimensional Computer Modeling. <i>Astrophysical Journal</i> , 2008, 673, L211-L214.	4.5	193
2	Full-Sun observations for identifying the source of the slow solar wind. <i>Nature Communications</i> , 2015, 6, 5947.	12.8	115
3	Spectroscopic Observations of Current Sheet Formation and Evolution. <i>Astrophysical Journal</i> , 2018, 854, 122.	4.5	112
4	ACTIVE REGION TRANSITION REGION LOOP POPULATIONS AND THEIR RELATIONSHIP TO THE CORONA. <i>Astrophysical Journal</i> , 2009, 695, 642-651.	4.5	100
5	The Magnetic Topology of Coronal Mass Ejection Sources. <i>Astrophysical Journal</i> , 2007, 662, 1293-1301.	4.5	91
6	Observations of Active Region Loops with the EUV Imaging Spectrometer on <i>Hinode</i> . <i>Astrophysical Journal</i> , 2008, 686, L131-L134.	4.5	90
7	HIGH SPATIAL RESOLUTION OBSERVATIONS OF LOOPS IN THE SOLAR CORONA. <i>Astrophysical Journal Letters</i> , 2013, 772, L19.	8.3	89
8	SOLAR CORONAL LOOPS RESOLVED BY <i>HINODE</i> AND THE <i>SOLAR DYNAMICS OBSERVATORY</i> . <i>Astrophysical Journal Letters</i> , 2012, 755, L33.	8.3	80
9	Achievements of <i>Hinode</i> in the first eleven years. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	69
10	THE ABSOLUTE CALIBRATION OF THE EUV IMAGING SPECTROMETER ON <i>HINODE</i> . <i>Astrophysical Journal</i> , Supplement Series, 2014, 213, 11.	7.7	64
11	An Investigation into the Variability of Heating in a Solar Active Region. <i>Astrophysical Journal</i> , 2006, 643, 1245-1257.	4.5	60
12	A STANDARD-TO-BLOWOUT JET. <i>Astrophysical Journal Letters</i> , 2011, 735, L18.	8.3	60
13	THE TEMPERATURE DEPENDENCE OF SOLAR ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 727, 58.	4.5	60
14	OBSERVATIONAL SIGNATURES OF CORONAL LOOP HEATING AND COOLING DRIVEN BY FOOTPOINT SHUFFLING. <i>Astrophysical Journal</i> , 2016, 817, 47.	4.5	46
15	TEMPORAL VARIABILITY OF ACTIVE REGION OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 730, 37.	4.5	41
16	DETERMINING HEATING TIMESCALES IN SOLAR ACTIVE REGION CORES FROM AIA/ <i>SDO</i> Fe XVIII IMAGES. <i>Astrophysical Journal</i> , 2014, 783, 12.	4.5	35
17	MAGNETIC FLUX TRANSPORT AND THE LONG-TERM EVOLUTION OF SOLAR ACTIVE REGIONS. <i>Astrophysical Journal</i> , 2015, 815, 90.	4.5	34
18	IS ACTIVE REGION CORE VARIABILITY AGE DEPENDENT?. <i>Astrophysical Journal</i> , 2012, 761, 21.	4.5	27

#	ARTICLE	IF	CITATIONS
19	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). I. Coronal Heating. <i>Astrophysical Journal</i> , 2022, 926, 52.	4.5	25
20	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions. <i>Astrophysical Journal</i> , 2022, 926, 53.	4.5	24
21	MODELING EVOLVING CORONAL LOOPS WITH OBSERVATIONS FROM <i>STEREO</i> , <i>Hinode</i> , AND <i>TRACE</i> . <i>Astrophysical Journal</i> , 2010, 713, 1095-1107.	4.5	21
22	Observations of Transient Active Region Heating with <i>Hinode</i> . <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S675-S681.	2.5	20
23	<i>Hinode</i> EUV Imaging Spectrometer Observations of Solar Active Region Dynamics. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S713-S719.	2.5	17
24	<i>Hinode</i> EUV Imaging Spectrometer Observations of Active Region Loop Morphology: Implications for Static Heating Models of Coronal Emission. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S691-S697.	2.5	16
25	The Role of Transient Brightenings in Heating the Solar Corona. <i>Astrophysical Journal</i> , 2008, 689, L77-L80.	4.5	16
26	The Magnetic Properties of Heating Events on High-temperature Active-region Loops. <i>Astrophysical Journal</i> , 2019, 877, 129.	4.5	15
27	CORRELATION OF CORONAL PLASMA PROPERTIES AND SOLAR MAGNETIC FIELD IN A DECAYING ACTIVE REGION. <i>Astrophysical Journal</i> , 2016, 826, 126.	4.5	14
28	Toward a Quantitative Comparison of Magnetic Field Extrapolations and Observed Coronal Loops. <i>Astrophysical Journal</i> , 2018, 860, 46.	4.5	14
29	Modeling Coronal Response in Decaying Active Regions with Magnetic Flux Transport and Steady Heating. <i>Astrophysical Journal</i> , 2017, 846, 165.	4.5	12
30	Dependence of Coronal Loop Temperature on Loop Length and Magnetic Field Strength. <i>Astrophysical Journal</i> , 2018, 868, 116.	4.5	12
31	Energetics and 3D Structure of Elementary Events in Solar Coronal Heating. <i>Astrophysical Journal</i> , 2021, 910, 84.	4.5	11
32	Observation and Modeling of High-temperature Solar Active Region Emission during the High-resolution Coronal Imager Flight of 2018 May 29. <i>Astrophysical Journal</i> , 2020, 896, 51.	4.5	10
33	A study of the long term evolution in active region upflows. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	9
34	Geometric Assumptions in Hydrodynamic Modeling of Coronal and Flaring Loops. <i>Astrophysical Journal</i> , 2022, 933, 106.	4.5	4
35	Analysis of a long-duration AR throughout five solar rotations: Magnetic properties and ejective events. <i>Advances in Space Research</i> , 2020, 65, 1641-1653.	2.6	2
36	Properties of EUV Imaging Spectrometer (EIS) Slot Observations. <i>Solar Physics</i> , 2022, 297, .	2.5	2