

Francesca Zuccarello

List of Publications by Year in descending order

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140
papers

7,402
citations

136950

32
h-index

54911

84
g-index

141
all docs

141
docs citations

141
times ranked

10206
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	8.3	2,805
2	The Pierre Auger Cosmic Ray Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 798, 172-213.	1.6	442
3	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above $1 < 10^{17}$ eV. Physical Review D, 2014, 90, .	4.7	266
4	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above 8×10^{18} eV. Science, 2017, 357, 1266-1270.	12.6	261
5	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. Physical Review D, 2014, 90, .	4.7	213
6	An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources [*] . Astrophysical Journal Letters, 2018, 853, L29.	8.3	165
7	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. Physical Review Letters, 2016, 117, 192001.	7.8	154
8	Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events. Physical Review D, 2015, 91, .	4.7	152
9	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. Astrophysical Journal, 2015, 804, 15.	4.5	146
10	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	8.3	135
11	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. Physical Review D, 2015, 91, .	4.7	125
12	THE ROLE OF STREAMERS IN THE DEFLECTION OF CORONAL MASS EJECTIONS: COMPARISON BETWEEN STEREO THREE-DIMENSIONAL RECONSTRUCTIONS AND NUMERICAL SIMULATIONS. Astrophysical Journal, 2012, 744, 66.	4.5	93
13	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. Physical Review Letters, 2016, 116, 241101.	7.8	91
14	MULTIWAVELENGTH OBSERVATIONS OF SMALL-SCALE RECONNECTION EVENTS TRIGGERED BY MAGNETIC FLUX EMERGENCE IN THE SOLAR ATMOSPHERE. Astrophysical Journal, 2010, 724, 1083-1098.	4.5	90
15	Evidence for a mixed mass composition at the ankle in the cosmic-ray spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 288-295.	4.1	84
16	Inferences on mass composition and tests of hadronic interactions from 0.3 to 100 EeV using the water-Cherenkov detectors of the Pierre Auger Observatory. Physical Review D, 2017, 96, .	4.7	82
17	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	4.7	80
18	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. Astrophysical Journal, 2018, 868, 4.	4.5	77

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19	Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 022-022.	5.4	64
20	Comprehensive Analysis of the Geoeffective Solar Event of 21 June 2015: Effects on the Magnetosphere, Plasmasphere, and Ionosphere Systems. <i>Solar Physics</i> , 2017, 292, 1.	2.5	62
21	OBSERVATIONAL EVIDENCE OF TORUS INSTABILITY AS TRIGGER MECHANISM FOR CORONAL MASS EJECTIONS: THE 2011 AUGUST 4 FILAMENT ERUPTION. <i>Astrophysical Journal</i> , 2014, 785, 88.	4.5	55
22	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO 80°. <i>Astrophysical Journal</i> , 2015, 802, 111.	4.5	49
23	A Statistical Study of CME Properties and of the Correlation Between Flares and CMEs over Solar Cycles 23 and 24. <i>Solar Physics</i> , 2017, 292, 1.	2.5	46
24	Eruption of a helically twisted prominence. <i>Solar Physics</i> , 2003, 214, 313-323.	2.5	45
25	The X17.2 flare occurred in NOAA 10486: an example of filament destabilization caused by a domino effect. <i>Astronomy and Astrophysics</i> , 2009, 493, 629-637.	5.1	45
26	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2020, 891, 142.	4.5	39
27	Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 94, .	4.7	38
28	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2016, 11, P02012-P02012.	1.2	38
29	AFS dynamic evolution during the emergence of an active region. <i>Astronomy and Astrophysics</i> , 2004, 425, 309-319.	5.1	36
30	Modelling the initiation of coronal mass ejections: magnetic flux emergence versus shearing motions. <i>Astronomy and Astrophysics</i> , 2009, 507, 441-452.	5.1	34
31	A Comparative Analysis of Photospheric Bright Points in an Active Region and in the Quiet Sun. <i>Solar Physics</i> , 2012, 280, 407-416.	2.5	32
32	FORMATION OF THE PENUMBRA AND START OF THE EVERSHEDE FLOW. <i>Astrophysical Journal</i> , 2016, 825, 75.	4.5	32
33	Observational evidence of the primary role played by photospheric motions in magnetic helicity transport before a filament eruption. <i>Astronomy and Astrophysics</i> , 2005, 433, 683-690.	5.1	32
34	Observation of bipolar moving magnetic features streaming out from a naked spot. <i>Astronomy and Astrophysics</i> , 2009, 500, L5-L8.	5.1	31
35	Solar Weather Event Modelling and Prediction. <i>Space Science Reviews</i> , 2009, 147, 121-185.	8.1	31
36	A solar eruption triggered by the interaction between two magnetic flux systems with opposite magnetic helicity. <i>Astronomy and Astrophysics</i> , 2011, 525, A13.	5.1	31

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37	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	5.4	31
38	IRIS Observations of Magnetic Interactions in the Solar Atmosphere between Preexisting and Emerging Magnetic Fields. I. Overall Evolution. <i>Astrophysical Journal</i> , 2018, 856, 127.	4.5	31
39	Observation of inclined EeV air showers with the radio detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 026-026.	5.4	30
40	Observations of a solar flare and filament eruption in Lyman α and X-rays. <i>Astronomy and Astrophysics</i> , 2009, 507, 1005-1014.	5.1	30
41	VELOCITY AND MAGNETIC FIELD DISTRIBUTION IN A FORMING PENUMBRA. <i>Astrophysical Journal Letters</i> , 2013, 771, L3.	8.3	29
42	EVOLUTION OF THE MAGNETIC FIELD INCLINATION IN A FORMING PENUMBRA. <i>Astrophysical Journal</i> , 2014, 784, 10.	4.5	29
43	Recurrent flares in active region NOAA 11283. <i>Astronomy and Astrophysics</i> , 2015, 582, A55.	5.1	29
44	<i>Hinode</i> Observations of Chromospheric Brightenings in the Ca H Line during Small-Scale Flux Emergence Events. <i>Astrophysical Journal</i> , 2008, 688, L111-L114.	4.5	27
45	Initiation of Coronal Mass Ejections by Magnetic Flux Emergence in the Framework of the Breakout Model. <i>Astrophysical Journal</i> , 2008, 689, L157-L160.	4.5	25
46	Polarized Kink Waves in Magnetic Elements: Evidence for Chromospheric Helical Waves. <i>Astrophysical Journal</i> , 2017, 840, 19.	4.5	25
47	A statistical analysis of sunspot groups hosting M and X flares. <i>Astronomische Nachrichten</i> , 2006, 327, 36-43.	1.2	24
48	Trend of photospheric magnetic helicity flux in active regions generating halo coronal mass ejections. <i>Astronomy and Astrophysics</i> , 2010, 521, A56.	5.1	24
49	Photospheric magnetic evolution of super active regions. <i>Astronomy and Astrophysics</i> , 2007, 474, 633-637.	5.1	24
50	EVOLUTION OF THE MAGNETIC HELICITY FLUX DURING THE FORMATION AND ERUPTION OF FLUX ROPES. <i>Astrophysical Journal</i> , 2014, 794, 118.	4.5	23
51	ON THE FORMATION OF A STABLE PENUMBRA IN A REGION OF FLUX EMERGENCE IN THE SUN. <i>Astrophysical Journal</i> , 2017, 834, 76.	4.5	23
52	The magnetic structure of surges in small-scale emerging flux regions. <i>Astronomy and Astrophysics</i> , 2015, 576, A4.	5.1	21
53	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	4.7	21
54	A Targeted Search for Point Sources of EeV Photons with the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 837, L25.	8.3	21

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55	Calibration of the logarithmic-periodic dipole antenna (LPDA) radio stations at the Pierre Auger Observatory using an octocopter. <i>Journal of Instrumentation</i> , 2017, 12, T10005-T10005.	1.2	21
56	Measurement of the cosmic ray spectrum above 4×10^{18} eV using inclined events detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 049-049.	5.4	20
57	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. <i>Journal of Instrumentation</i> , 2016, 11, P01018-P01018.	1.2	20
58	Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory. <i>Physical Review D</i> , 2019, 100, .	4.7	20
59	Multi-Messenger Physics With the Pierre Auger Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	20
60	Flare occurrence and the spatial distribution of the magnetic helicity flux. <i>Astronomy and Astrophysics</i> , 2011, 535, A1.	5.1	19
61	Observational Evidence of a Flux Rope within a Sunspot Umbra. <i>Astrophysical Journal Letters</i> , 2017, 846, L16.	8.3	19
62	IRIS Observations of Magnetic Interactions in the Solar Atmosphere between Preexisting and Emerging Magnetic Fields. II. UV Emission Properties. <i>Astrophysical Journal</i> , 2019, 871, 82.	4.5	19
63	Themis, BBSO, MDI and trace observations of a filament eruption. <i>Solar Physics</i> , 2003, 216, 173-188.	2.5	18
64	Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 004-004.	5.4	18
65	EVOLUTION AND DYNAMICS OF ORPHAN PENUMBRAE IN THE SOLAR PHOTOSPHERE: ANALYSIS FROM MULTI-INSTRUMENT OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 787, 57.	4.5	17
66	AFS dynamics in a short-lived active region. <i>Astronomy and Astrophysics</i> , 2005, 442, 661-671.	5.1	17
67	A C-level flare observed in an arch filament system: reconnection between pre-existing and emerging field lines?. <i>Astronomy and Astrophysics</i> , 2008, 488, 1117-1123.	5.1	17
68	Magnetic helicity transport in corona and filament eruptions. <i>Solar Physics</i> , 2003, 218, 137-150.	2.5	16
69	High cadence spectropolarimetry of moving magnetic features observed around a pore. <i>Astronomy and Astrophysics</i> , 2012, 546, A26.	5.1	16
70	Muon counting using silicon photomultipliers in the AMIGA detector of the Pierre Auger observatory. <i>Journal of Instrumentation</i> , 2017, 12, P03002-P03002.	1.2	16
71	The Solar Activity Monitor Network “SAMNet”. <i>Journal of Space Weather and Space Climate</i> , 2022, 12, 2.	3.3	16
72	Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory. <i>Physical Review D</i> , 2016, 94, .	4.7	15

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73	Height Dependence of the Penumbra Fine-scale Structure in the Inner Solar Atmosphere. <i>Astrophysical Journal</i> , 2019, 873, 126.	4.5	15
74	Plasma motions in a short-lived filament related to a magnetic flux cancellation. <i>Astronomy and Astrophysics</i> , 2007, 468, 299-305.	5.1	14
75	Multi-resolution anisotropy studies of ultrahigh-energy cosmic rays detected at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 026-026.	5.4	14
76	Formation of Penumbra in a Sample of Active Regions Observed by the SDO Satellite. <i>Astrophysical Journal</i> , 2018, 855, 58.	4.5	14
77	Properties of the Umbral Filament Observed in Active Region NOAA 12529. <i>Astrophysical Journal</i> , 2019, 880, 34.	4.5	14
78	Fractal and Multifractal Properties of Active Regions as Flare Precursors: A Case Study Based on SOHO/MDI and SDO/HMI Observations. <i>Solar Physics</i> , 2014, 289, 2525-2545.	2.5	13
79	Magnetic evolution of superactive regions. <i>Astronomy and Astrophysics</i> , 2009, 506, 1429-1436.	5.1	12
80	Magnetic helicity balance during a filament eruption that occurred in active region NOAA 9682. <i>Astronomy and Astrophysics</i> , 2011, 530, A36.	5.1	12
81	DYNAMIC PROPERTIES ALONG THE NEUTRAL LINE OF A DELTA SPOT INFERRED FROM HIGH-RESOLUTION OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 789, 162.	4.5	12
82	Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2015, 75, 269.	3.9	12
83	Angular velocity during the cycle deduced using the sunspot group age selection methodology. <i>Astronomische Nachrichten</i> , 2003, 324, 464-473.	1.2	11
84	Kinematics and Magnetic Properties of a Light Bridge in a Decaying Sunspot. <i>Solar Physics</i> , 2016, 291, 1939-1955.	2.5	11
85	Comparison of different populations of granular features in the solar photosphere. <i>Astronomy and Astrophysics</i> , 2017, 605, A87.	5.1	11
86	Solar activity and its evolution across the corona: recent advances. <i>Journal of Space Weather and Space Climate</i> , 2013, 3, A18.	3.3	10
87	The 2013 February 17 Sunquake in the Context of the Active Region's Magnetic Field Configuration. <i>Astrophysical Journal</i> , 2017, 849, 40.	4.5	10
88	H α and H β Emission in a C3.3 Solar Flare: Comparison between Observations and Simulations. <i>Astrophysical Journal</i> , 2017, 850, 36.	4.5	10
89	Measurement of the average shape of longitudinal profiles of cosmic-ray air showers at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 018-018.	5.4	10
90	Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 017-017.	5.4	10

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91	Differences in Periodic Magnetic Helicity Injection Behavior between Flaring and Non-flaring Active Regions: Case Study. <i>Astrophysical Journal Letters</i> , 2020, 897, L23.	8.3	10
92	Plasma flows and magnetic field interplay during the formation of a pore. <i>Astronomy and Astrophysics</i> , 2017, 600, A102.	5.1	9
93	A 3â€Year Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmicâ€Ray Observatory. <i>Earth and Space Science</i> , 2020, 7, e2019EA000582.	2.6	9
94	Flare forecasting based on sunspot-groups characteristics. <i>Acta Geophysica</i> , 2009, 57, 52-63.	2.0	8
95	ADAHeli+: exploring the fast, dynamic Sun in theX-ray, optical, and near-infrared. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2015, 1, 044006.	1.8	8
96	Time Evolution of Force-Free Parameter and Free Magnetic Energy in Active Region NOAA 10365. <i>Solar Physics</i> , 2015, 290, 491-506.	2.5	8
97	THE PRE-PENUMBRAL MAGNETIC CANOPY IN THE SOLAR ATMOSPHERE. <i>Astrophysical Journal Letters</i> , 2016, 831, L4.	8.3	8
98	Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2017, 12, P02006-P02006.	1.2	8
99	Restoring Process of Sunspot Penumbra. <i>Astrophysical Journal</i> , 2020, 899, 129.	4.5	8
100	PENUMBRAL-LIKE FILAMENTS IN THE SOLAR PHOTOSPHERE AS A MANIFESTATION OF FLUX EMERGENCE. <i>Astrophysical Journal Letters</i> , 2014, 786, L22.	8.3	7
101	A MULTI-INSTRUMENT ANALYSIS OF A C4.1 FLARE OCCURRING IN A Î SUNSPOT. <i>Astrophysical Journal</i> , 2016, 819, 157.	4.5	7
102	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2017, 95, 44-56.	4.3	7
103	Magnetic helicity and active filament configuration. <i>Astronomy and Astrophysics</i> , 2009, 506, 895-900.	5.1	7
104	Cancelling magnetic feature and filament activation. <i>Astronomische Nachrichten</i> , 2006, 327, 674-679.	1.2	6
105	The role of photospheric shearing motions in a filament eruption related to the 2010 April 3 coronal mass ejection. <i>Astronomy and Astrophysics</i> , 2012, 537, A28.	5.1	6
106	The Signature of Flare Activity in Multifractal Measurements of Active Regions Observed by SDO/HMI. <i>Solar Physics</i> , 2015, 290, 507-525.	2.5	6
107	Evolution of an eruptive flare loop system. <i>Astronomy and Astrophysics</i> , 2009, 498, 901-907.	5.1	6
108	On the Magnetic Nature of an Exploding Granule as Revealed by Sunrise/IMaX. <i>Astrophysical Journal</i> , 2020, 896, 62.	4.5	6

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109	Emergence and evolution of active and ephemeral regions: Comparison between observations and models. <i>Acta Geophysica</i> , 2009, 57, 15-23.	2.0	5
110	CME evolution and 3D reconstruction with STEREO Data. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 165-167.	0.0	5
111	HIGH-RESOLUTION OBSERVATIONS OF SIPHON FLOWS IN A SOLAR MAGNETIC PORE. <i>Astrophysical Journal Letters</i> , 2011, 743, L9.	8.3	5
112	Continuum Enhancements, Line Profiles, and Magnetic Field Evolution during Consecutive Flares. <i>Astrophysical Journal</i> , 2020, 889, 65.	4.5	5
113	Morphological and dynamical properties of small-scale chromospheric features deduced from IBIS observations. <i>Astronomy and Astrophysics</i> , 2009, 507, 1625-1633.	5.1	5
114	On the Evolution of a Sub-C Class Flare: A Showcase for the Capabilities of the Revamped Catania Solar Telescope. <i>Solar Physics</i> , 2022, 297, 1.	2.5	4
115	Flow in coronal loops with a mass source. <i>Solar Physics</i> , 1983, 88, 193.	2.5	3
116	Filament destabilization and CME release during a long duration flare. <i>Astronomy and Astrophysics</i> , 2011, 533, A100.	5.1	3
117	X-ray emission of late-type stars. <i>Astrophysical Journal</i> , 1983, 275, L1.	4.5	3
118	Coronal loops and their modeling. <i>Symposium - International Astronomical Union</i> , 1996, 176, 433-448.	0.1	2
119	An M1.5 Flare Triggered by a Multireconnection Process. <i>Solar Physics</i> , 2007, 240, 49-61.	2.5	2
120	The Pierre Auger Observatory status and latest results. <i>EPJ Web of Conferences</i> , 2017, 136, 02017.	0.3	2
121	RHESSI and TRACE observations of an M \approx 2.5 flare: a direct application of the Kopp and Pneuman model. <i>Astronomy and Astrophysics</i> , 2006, 458, 297-300.	5.1	2
122	Description of a Procedure to Analyze EUV Loops. <i>Solar Physics</i> , 2001, 199, 97-105.	2.5	1
123	Flare activity in solar active region 8421 observed by the TRACE satellite. <i>Astronomy and Astrophysics</i> , 2003, 402, 1085-1102.	5.1	1
124	The role of filament activation in a solar eruption. <i>Astronomy and Astrophysics</i> , 2012, 539, A27.	5.1	1
125	Multispectral observations of flares. <i>Astronomische Nachrichten</i> , 2016, 337, 1070-1077.	1.2	1
126	Remote sensing of the solar photosphere: a tale of two methods. <i>Journal of Physics: Conference Series</i> , 2018, 956, 012006.	0.4	1

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127	Quo vadis, European Space Weather community?. Journal of Space Weather and Space Climate, 2021, 11, 26.	3.3	1
128	Basic Parameters Determining X-Ray Emission Level in Stars of Spectral Type Later than F5. International Astronomical Union Colloquium, 1983, 71, 633-635.	0.1	0
129	Multi-wavelength observations of flares and eruptive filaments. Acta Geophysica, 2009, 57, 24-30.	2.0	0
130	Solar flares: observations vs simulations. Proceedings of the International Astronomical Union, 2010, 6, 182-184.	0.0	0
131	Magnetic helicity evolution inside a hexagonal convective cell. Proceedings of the International Astronomical Union, 2010, 6, 192-194.	0.0	0
132	The EST project. Proceedings of the International Astronomical Union, 2010, 6, 310-313.	0.0	0
133	The role of streamers in the deflection of coronal mass ejections. Proceedings of the International Astronomical Union, 2011, 7, 134-138.	0.0	0
134	Shearing motions and torus instability in the 2010 April 3 filament eruption. Proceedings of the International Astronomical Union, 2013, 8, 475-476.	0.0	0
135	High-resolution observations of a light bridge in a decaying sunspot. , 2014, , .		0
136	The Pierre Auger Observatory Upgrade. EPJ Web of Conferences, 2017, 136, 02003.	0.3	0
137	Exploiting the radio signal from air showers: the AERA progress. EPJ Web of Conferences, 2017, 136, 02013.	0.3	0
138	Astrophysical interpretation of Pierre Auger Observatory measurements of the UHECR energy spectrum and mass composition. EPJ Web of Conferences, 2017, 136, 02002.	0.3	0
139	Impact of small-scale emerging flux from the photosphere to the corona: a case study from IRIS. Proceedings of the International Astronomical Union, 2019, 15, 439-442.	0.0	0
140	Basic Parameters Determining X-Ray Emission Level in Stars of Spectral Type Later Than F5. Astrophysics and Space Science Library, 1983, , 633-635.	2.7	0