

Simona Righini

List of Publications by Year in descending order

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37
papers

398
citations

933447

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794594

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37
all docs

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docs citations

37
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Sardinia Radio Telescope: General Description, Technical Commissioning and First Light. <i>Journal of Astronomical Instrumentation</i> , 2015, 04, .	1.5	72
2	The Sardinia Radio Telescope. <i>Astronomy and Astrophysics</i> , 2017, 608, A40.	5.1	52
3	Multiwavelength behaviour of the blazar 3C 279: decade-long study from $\hat{\text{I}}^3$ -ray to radio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3829-3848.	4.4	40
4	Single-dish and VLBI observations of Cygnus X-3 during the 2016 giant flare episode. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2703-2714.	4.4	23
5	The complex variability of blazars: time-scales and periodicity analysis in S4 0954+65. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5629-5646.	4.4	21
6	Imaging of SNR IC443 and W44 with the Sardinia Radio Telescope at 1.5 and 7 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1329-1341.	4.4	20
7	The 999th <i>Swift</i> gamma-ray burst: Some like it thermal. <i>Astronomy and Astrophysics</i> , 2017, 598, A23.	5.1	20
8	Mining the Herschel-Astrophysical Terahertz Large Area Survey: submillimetre-selected blazars in equatorial fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1566-1577.	4.4	17
9	Investigating the high-frequency spectral features of SNRs Tycho, W44, and IC443 with the Sardinia Radio Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3857-3867.	4.4	15
10	Results of the first Italian planetary radar experiment. <i>Planetary and Space Science</i> , 2004, 52, 325-330.	1.7	10
11	FBQS J1644+2619: multiwavelength properties and its place in the class of $\hat{\text{I}}^3$ -ray emitting Narrow Line Seyfert 1s. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 43-55.	4.4	10
12	The Simultaneous Medicina-Planck Experiment: data acquisition, reduction and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1123-1139.	4.4	9
13	Flaring water masers associated with W49N. <i>Astronomy and Astrophysics</i> , 2019, 628, A89.	5.1	9
14	New high-frequency radio observations of the Cygnus Loop supernova remnant with the Italian radio telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5177-5194.	4.4	8
15	Diving into the Sardinia Radio Telescope minor servo system. <i>Proceedings of SPIE</i> , 2012, , .	0.8	7
16	The sardinia radio telescope: Overview and status. , 2013, , .		7
17	The beamed jet and quasar core of the distant blazar 4C 71.07. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1837-1849.	4.4	7
18	AGILE, <i>Fermi</i> , <i>Swift</i> , and GASP/WEBCAT multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst. <i>Astronomy and Astrophysics</i> , 2019, 621, A82.	5.1	7

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19	A flat-spectrum flare in S4 0444+63 revealed by a new implementation of multiwavelength single-dish observations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2807-2817.	4.4	7
20	The high-frequency upgrade of the Sardinia Radio Telescope. , 2021, , .		7
21	SETI-Italia 2003 status report and first results of a KL transform algorithm for ETI signal detection. Acta Astronautica, 2006, 58, 222-229.	3.2	6
22	Investigating the Mini and Giant Radio Flare Episodes of Cygnus X-3. Astrophysical Journal, 2021, 906, 10.	4.5	6
23	The control software for the Sardinia Radio Telescope. Proceedings of SPIE, 2012, , .	0.8	4
24	A 20 GHz bright sample for $\hat{\nu} > +72^\circ$ - I. Catalogue. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2107-2114.	4.4	4
25	A 20 GHz bright sample for $\hat{\nu} > 72^\circ$ - II. Multifrequency follow-up. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2793-2805.	4.4	4
26	High-Resolution Imaging of the Solar Chromosphere in the Centimetre-Millimetre Band Through Single-Dish Observations. , 2018, , .		2
27	Solar Observations with Single-Dish INAF Radio Telescopes: Continuum Imaging in the 18-26 GHz Range. Solar Physics, 2022, 297, .	2.5	2
28	Commissioning of the Sardinia Radio Telescope in Italy: Results and perspectives. , 2014, , .		1
29	Radio data archiving system. , 2016, , .		1
30	Rules of thumb to increase the software quality through testing. , 2016, , .		0
31	Status report of the SRT radiotelescope control software: the DISCOS project. Proceedings of SPIE, 2016, , .	0.8	0
32	High-resolution spectral imaging of SNR W44 and IC443 at 22 GHz with the Sardinia Radio Telescope. Proceedings of the International Astronomical Union, 2017, 12, 190-193.	0.0	0
33	The Sardinia Radio Telescope (SRT): A large modern radio telescope for observations from meter to mm wavelengths. , 2017, , .		0
34	An RFI mitigation project at the Italian radio telescopes. , 2017, , .		0
35	Evidence for a wide electron spectra scatter among different SNR regions from high radio-frequency observations. Proceedings of the International Astronomical Union, 2017, 12, 194-200.	0.0	0
36	High-resolution imaging of SNR IC443 and W44 with the Sardinia Radio Telescope. Proceedings of the International Astronomical Union, 2017, 12, 184-189.	0.0	0

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37	Update on the Multi-Frequency Monitoring of Blazars with Medicina and Noto. Proceedings of the International Astronomical Union, 2018, 14, 234-236.	0.0	0