

Raghunathan Agaram

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

496
citations

1163117
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1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	On the detection of a cosmic dawn signal in the radio background. <i>Nature Astronomy</i> , 2022, 6, 607-617.	10.1	106
2	First Results on the Epoch of Reionization from First Light with SARAS 2. <i>Astrophysical Journal Letters</i> , 2017, 845, L12.	8.3	88
3	SARAS: a precision system for measurement of the cosmic radio background and signatures from the epoch of reionization. <i>Experimental Astronomy</i> , 2013, 36, 319-370.	3.7	76
4	SARAS 2 Constraints on Global 21 cm Signals from the Epoch of Reionization [*] . <i>Astrophysical Journal</i> , 2018, 858, 54.	4.5	76
5	SARAS 2: a spectral radiometer for probing cosmic dawn and the epoch of reionization through detection of the global 21-cm signal. <i>Experimental Astronomy</i> , 2018, 45, 269-314.	3.7	59
6	SARAS MEASUREMENT OF THE RADIO BACKGROUND AT LONG WAVELENGTHS. <i>Astrophysical Journal</i> , 2015, 801, 138.	4.5	53
7	SARAS 3 CD/EoR radiometer: design and performance of the receiver. <i>Experimental Astronomy</i> , 2021, 51, 193-234.	3.7	23
8	SARAS CD/EoR Radiometer: Design and Performance of the Digital Correlation Spectrometer. <i>Journal of Astronomical Instrumentation</i> , 2020, 09, .	1.5	10
9	A Floating Octave Bandwidth Cone-Disk Antenna for Detection of Cosmic Dawn. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 6209-6217.	5.1	5