Sheelu Abraham

List of Publications by Year
in descending order

13 papers	912 citations	1040056 9 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	2087 citing authors

#	Article	IF	Citations
1	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. Astrophysical Journal Letters, 2019, 882, L24.	8.3	566
2	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. Astrophysical Journal, 2019, 875, 161.	4.5	71
3	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO*. Astrophysical Journal, 2019, 875, 122.	4.5	61
4	Transient classification in LIGO data using difference boosting neural network. Physical Review D, 2017, 95, .	4.7	57
5	Application of convolutional neural networks for stellar spectral classification. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2280-2300.	4.4	43
6	Detection of bars in galaxies using a deep convolutional neural network. Monthly Notices of the Royal Astronomical Society, 2018, 477, 894-903.	4.4	32
7	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. Astrophysical Journal, 2019, 874, 163.	4.5	26
8	A photometric catalogue of quasars and other point sources in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2012, 419, 80-94.	4.4	22
9	Improving significance of binary black hole mergers in Advanced LIGO data using deep learning: Confirmation of GW151216. Physical Review D, 2021, 104, .	4.7	12
10	An Information Retrieval and Recommendation System for Astronomical Observatories. Astrophysical Journal, Supplement Series, 2018, 235, 22.	7.7	9
11	'Zwicky's Nonet': a compact merging ensemble of nine galaxies and 4C 35.06, a peculiar radio galaxy with dancing radio jets. Monthly Notices of the Royal Astronomical Society, 2017, 471, 617-628.	4.4	5
12	SPECTRAL VARIABILITY OF IRAS 18325-5926 AND CONSTRAINTS ON THE GEOMETRY OF THE SCATTERING MEDIUM. Astrophysical Journal, 2013, 773, 130.	4.5	4
13	A machine learning approach for GRB detection in AstroSat CZTI data. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3084-3091.	4.4	2