

# Sheelu Abraham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2166793/publications.pdf>

Version: 2024-02-01

13  
papers

912  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
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14  
docs citations

14  
times ranked

2087  
citing authors

#	ARTICLE	IF	CITATIONS
1	A machine learning approach for GRB detection in <i>AstroSat</i> CZTI data. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3084-3091.	4.4	2
2	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
3	Application of convolutional neural networks for stellar spectral classification. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2280-2300.	4.4	43
4	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
5	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. Astrophysical Journal, 2019, 875, 122.	4.5	61
6	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
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	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
9	An Information Retrieval and Recommendation System for Astronomical Observatories. Astrophysical Journal, Supplement Series, 2018, 235, 22.	7.7	9
10	Transient classification in LIGO data using difference boosting neural network. Physical Review D, 2017, 95, .	4.7	57
11	â€Zwicky's Nonetâ€™: 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 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