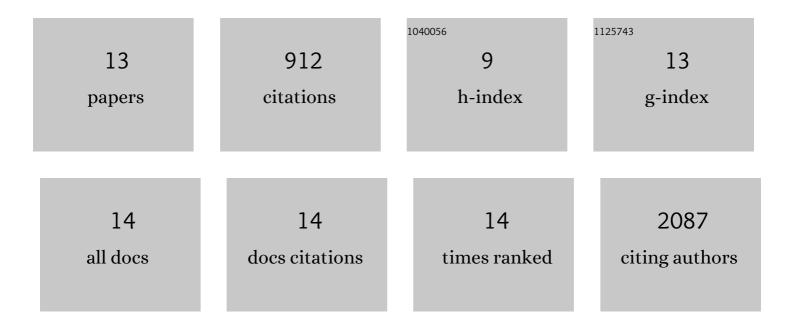
Sheelu Abraham

List of Publications by Year in descending order

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| # | 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 <i>AstroSat</i> CZTI data. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3084-3091. | 4.4 | 2 |