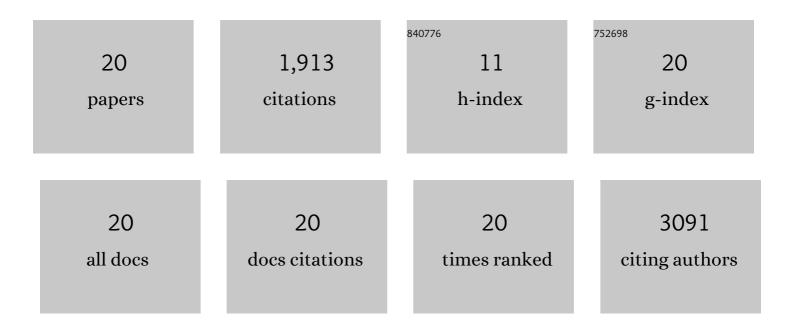
Saleem Muhammed

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4232903/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3. | 26.7 | 808 |
| 2 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3. | 26.7 | 447 |
| 3 | Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001. | 4.0 | 225 |
| 4 | A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 909, 218. | 4.5 | 144 |
| 5 | The basic physics of the binary black hole merger GW150914. Annalen Der Physik, 2017, 529, 1600209. | 2.4 | 69 |
| 6 | Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89. | 4.5 | 52 |
| 7 | The science case for LIGO-India. Classical and Quantum Gravity, 2022, 39, 025004. | 4.0 | 48 |
| 8 | Constraints on the binary black hole nature of GW151226 and GW170608 from the measurement of spin-induced quadrupole moments. Physical Review D, 2019, 100, . | 4.7 | 23 |
| 9 | First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, . | 6.6 | 20 |
| 10 | Investigating the relation between gravitational wave tests of general relativity. Physical Review D, 2022, 105, . | 4.7 | 13 |
| 11 | Prospects of joint detections of neutron star mergers and short GRBs with Gaussian structured jets. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1633-1639. | 4.4 | 11 |
| 12 | Population inference of spin-induced quadrupole moments as a probe for nonblack hole compact binaries. Physical Review D, 2022, 105, . | 4.7 | 11 |
| 13 | Rates of short-GRB afterglows in association with binary neutron star mergers. Monthly Notices of the Royal Astronomical Society, 2018, 475, 699-707. | 4.4 | 10 |
| 14 | Parametrized tests of post-Newtonian theory using principal component analysis. Physical Review D, 2022, 105, . | 4.7 | 10 |
| 15 | Exploring short-GRB afterglow parameter space for observations in coincidence with gravitational waves. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5340-5350. | 4.4 | 9 |
| 16 | On the Energetics of a Possible Relativistic Jet Associated with the Binary Neutron Star Merger Candidate S190425z. Astrophysical Journal, 2020, 891, 130. | 4.5 | 4 |
| 17 | Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. Astrophysical Journal, 2022, 925, 58. | 4.5 | 3 |
| 18 | Hardware-accelerated inference for real-time gravitational-wave astronomy. Nature Astronomy, 2022, 6, 529-536. | 10.1 | 3 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Imprints of the redshift evolution of double neutron star merger rate on the signal-to-noise ratio distribution. Monthly Notices of the Royal Astronomical Society, 2020, 496, 523-531. | 4.4 | 2 |
| 20 | Detectability of electromagnetic counterparts from neutron star mergers: prompt emission versus afterglow. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2356-2366. | 4.4 | 1 |