

D H Shoemaker

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

3,141
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

4488
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Enhanced sensitivity of the LIGO gravitational wave detector by using squeezed states of light. <i>Nature Photonics</i> , 2013, 7, 613-619. | 31.4 | 825 |
| 2 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3. | 26.7 | 808 |
| 3 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020, 23, 3. | 26.7 | 447 |
| 4 | Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016, 19, 1. | 26.7 | 427 |
| 5 | Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001. | 4.0 | 225 |
| 6 | A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218. | 4.5 | 144 |
| 7 | Gravitational-wave physics and astronomy in the 2020s and 2030s. <i>Nature Reviews Physics</i> , 2021, 3, 344-366. | 26.6 | 96 |
| 8 | SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010, 715, 1453-1461. | 4.5 | 90 |
| 9 | Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89. | 4.5 | 52 |
| 10 | Quantum correlation measurements in interferometric gravitational-wave detectors. <i>Physical Review A</i> , 2017, 95, . | 2.5 | 16 |
| 11 | Effects of transients in LIGO suspensions on searches for gravitational waves. <i>Review of Scientific Instruments</i> , 2017, 88, 124501. | 1.3 | 6 |
| 12 | Progress and challenges in advanced ground-based gravitational-wave detectors. <i>General Relativity and Gravitation</i> , 2014, 46, 1. | 2.0 | 2 |
| 13 | Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1. | | 2 |
| 14 | Discovering gravitational waves with Advanced LIGO. <i>Contemporary Physics</i> , 2020, 61, 229-255. | 1.8 | 1 |