

Edvard MÅrtsell

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

617
citations

932766

10
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

1112
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Does the Hubble constant tension call for new physics?. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 025-025. | 1.9 | 186 |
| 2 | iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295. | 6.0 | 168 |
| 3 | SNOC: A Monte-Carlo simulation package for high-zsupernova observations. Astronomy and Astrophysics, 2002, 392, 757-771. | 2.1 | 43 |
| 4 | Cosmological parameters from lensed supernovae. Astronomy and Astrophysics, 2002, 393, 25-32. | 2.1 | 40 |
| 5 | Integrated Sachs-Wolfe effect in massive bigravity. Physical Review D, 2015, 91, . | 1.6 | 33 |
| 6 | Sensitivity of the Hubble Constant Determination to Cepheid Calibration. Astrophysical Journal, 2022, 933, 212. | 1.6 | 25 |
| 7 | Spherically symmetric solutions in massive gravity and constraints from galaxies. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 22 |
| 8 | Lens modelling of the strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3270-3280. | 1.6 | 15 |
| 9 | Classification and asymptotic structure of black holes in bimetric theory. Physical Review D, 2017, 96, . | 1.6 | 12 |
| 10 | Magnification, dust and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 0, , . | 1.6 | 12 |
| 11 | The effect of inhomogeneities on dark energy constraints. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 024-024. | 1.9 | 11 |
| 12 | Spacetime symmetries and topology in bimetric relativity. Physical Review D, 2018, 97, . | 1.6 | 10 |
| 13 | Constraints on bimetric gravity. Part I. Analytical constraints. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 001. | 1.9 | 9 |
| 14 | Covariant BSSN formulation in bimetric relativity. Classical and Quantum Gravity, 2020, 37, 025013. | 1.5 | 8 |
| 15 | Spectroscopy of the first resolved strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 2021, 502, 510-520. | 1.6 | 8 |
| 16 | Initial data and first evolutions of dust clouds in bimetric relativity. Classical and Quantum Gravity, 2020, 37, 165010. | 1.5 | 5 |
| 17 | Algebraic properties of Einstein solutions in ghost-free bimetric theory. Journal of Mathematical Physics, 2019, 60, 102501. | 0.5 | 4 |
| 18 | Microlensing and the type Ia supernova iPTF16geu. Astronomy and Astrophysics, 2022, 662, A34. | 2.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Generalized Vaidya solutions in bimetric gravity. Classical and Quantum Gravity, 2020, 37, 145010. | 1.5 | 2 |
| 20 | DEEP SUPERNOVA OBSERVATIONS AND THE NATURE OF DARK MATTER HALOS. , 2001, , . | | 0 |