

A Miguel Holgado

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,437
citations

623734

14
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

2087
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive black hole mergers with orbital information: predictions from the ASTRID simulation. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2220-2238.	4.4	9
2	Dynamical Formation Scenarios for GW190521 and Prospects for Decihertz Gravitational-wave Astronomy with GW190521-like Binaries. Astrophysical Journal Letters, 2021, 909, L24.	8.3	8
3	The Role of Strong Gravity and the Nuclear Equation of State on Neutron-star Common-envelope Accretion. Astrophysical Journal Letters, 2021, 910, L22.	8.3	5
4	Astrophysical and Theoretical Physics Implications from Multimessenger Neutron Star Observations. Physical Review Letters, 2021, 126, 181101.	7.8	69
5	Searching for Gravitational Waves from Cosmological Phase Transitions with the NANOGrav 12.5-Year Dataset. Physical Review Letters, 2021, 127, 251302.	7.8	62
6	The NANOGrav 12.5-year Data Set: Search for Non-Einsteinian Polarization Modes in the Gravitational-wave Background. Astrophysical Journal Letters, 2021, 923, L22.	8.3	30
7	The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics. Astrophysical Journal, 2020, 890, 108.	4.5	28
8	The NANOGrav 11 yr Data Set: Limits on Gravitational Wave Memory. Astrophysical Journal, 2020, 889, 38.	4.5	36
9	Modeling the Uncertainties of Solar System Ephemerides for Robust Gravitational-wave Searches with Pulsar-timing Arrays. Astrophysical Journal, 2020, 893, 112.	4.5	49
10	The NANOGrav 12.5-yr Data Set: Search for an Isotropic Stochastic Gravitational-wave Background. Astrophysical Journal Letters, 2020, 905, L34.	8.3	528
11	The NANOGrav 11 yr Data Set: Limits on Gravitational Waves from Individual Supermassive Black Hole Binaries. Astrophysical Journal, 2019, 880, 116.	4.5	102
12	The astrophysics of nanohertz gravitational waves. Astronomy and Astrophysics Review, 2019, 27, 1.	25.5	166
13	Gravitational waves from supernova mass loss and natal kicks in close binaries. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5560-5566.	4.4	2
14	Associating host galaxy candidates to massive black hole binaries resolved by pulsar timing arrays. Monthly Notices of the Royal Astronomical Society, 2019, 485, 248-259.	4.4	9
15	Gravitational Radiation from Close Binaries with Time-varying Masses. Astrophysical Journal, 2019, 882, 39.	4.5	8
16	Gravitational Waves from Accreting Neutron Stars Undergoing Common-envelope Inspiral. Astrophysical Journal, 2018, 857, 38.	4.5	11
17	Eccentric, nonspinning, inspiral, Gaussian-process merger approximant for the detection and characterization of eccentric binary black hole mergers. Physical Review D, 2018, 97, .	4.7	100
18	Pulsar timing constraints on the Fermi massive black hole binary blazar population. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 481, L74-L78.	3.3	31

#	ARTICLE	IF	CITATIONS
19	CosmosDG: An hp-adaptive Discontinuous Galerkin Code for Hyper-resolved Relativistic MHD. <i>Astrophysical Journal, Supplement Series</i> , 2017, 231, 17.	7.7	16
20	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	8.3	73
21	Anti-diffusive-like-behavior in semi-analytic radiative shocks via multigroup Sn transport with constant cross sections. <i>High Energy Density Physics</i> , 2015, 17, 114-118.	1.5	4
22	Experimental evidence for collisional shock formation via two obliquely merging supersonic plasma jets. <i>Physics of Plasmas</i> , 2014, 21, 055703.	1.9	39
23	Candidate Periodically Variable Quasars from the Dark Energy Survey and the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	28
24	Discovery of a Candidate Binary Supermassive Black Hole in a Periodic Quasar from Circumbinary Accretion Variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	24