

Patrick Brady

List of Publications by Year in descending order

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18
papers

14,268
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

11834
citing authors

#	ARTICLE	IF	CITATIONS
1	GW170817: Observation of Gravitational Waves from a Binary Neutron Star Inspiral. <i>Physical Review Letters</i> , 2017, 119, 161101.	7.8	6,413
2	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	8.3	2,805
3	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	8.3	2,314
4	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
5	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
6	The Zwicky Transient Facility: Science Objectives. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 078001.	3.1	453
7	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
8	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STAR-BLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016, 832, L21.	8.3	146
9	Gravitational-wave physics and astronomy in the 2020s and 2030s. <i>Nature Reviews Physics</i> , 2021, 3, 344-366.	26.6	96
10	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017, 850, L40.	8.3	73
11	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. <i>Astrophysical Journal</i> , 2019, 880, 7.	4.5	43
12	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019, 886, 75.	4.5	29
13	A Machine Learning-based Source Property Inference for Compact Binary Mergers. <i>Astrophysical Journal</i> , 2020, 896, 54.	4.5	28
14	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO-Virgo Run O3a. <i>Astrophysical Journal</i> , 2021, 915, 86.	4.5	20
15	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	6.6	20
16	Testing the black hole no-hair theorem with Galactic Center stellar orbits. <i>Physical Review D</i> , 2021, 103, .	4.7	9
17	Inferring Kilonova Population Properties with a Hierarchical Bayesian Framework. I. Nondetection Methodology and Single-event Analyses. <i>Astrophysical Journal</i> , 2022, 925, 58.	4.5	3
18	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2