Philippe Landry

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6442613/publications.pdf

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26	5,316	304743	552781
papers	citations	22	26
		h-index	g-index

26	26	26	3819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implicit correlations within phenomenological parametric models of the neutron star equation of state. Physical Review D, 2022, 105, .	4.7	16
2	Science-driven Tunable Design of Cosmic Explorer Detectors. Astrophysical Journal, 2022, 931, 22.	4.5	27
3	Observation of Gravitational Waves from Two Neutron Starâ€“Black Hole Coalescences. Astrophysical Journal Letters, 2021, 915, L5.	8.3	453
4	Predicting electromagnetic counterparts using low-latency gravitational-wave data products. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4235-4248.	4.4	9
5	Impact of the PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0740</mml:mn><mml:mo>+</mml:mo><mml:mn>6620</mml:mn></mml:mrow></mm	4.7	93
6	Astrophysical Constraints on the Symmetry Energy and the Neutron Skin of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Pb</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>208</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> with Minimal Modeling Assumptions. Physical Review Letters, 2021, 127, 192701.	7.8	94
7	The Mass Distribution of Neutron Stars in Gravitational-wave Binaries. Astrophysical Journal Letters, 2021, 921, L25.	8.3	25
8	Detailed examination of astrophysical constraints on the symmetry energy and the neutron skin of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>208</mml:mn></mml:mmultiscripts></mml:math> with minimal modeling assumptions. Physical Review C, 2021, 104, .	2.9	38
9	Nonparametric inference of neutron star composition, equation of state, and maximum mass with GW170817. Physical Review D, 2020, 101, .	4.7	108
10	Direct astrophysical tests of chiral effective field theory at supranuclear densities. Physical Review C, 2020, 102, .	2.9	73
11	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. Astrophysical Journal Letters, 2020, 896, L44.	8.3	1,090
12	Nonparametric constraints on neutron star matter with existing and upcoming gravitational wave and pulsar observations. Physical Review D, 2020, 101, .	4.7	188
13	GW190425: Observation of a Compact Binary Coalescence with Total MassÂâ¼Â3.4 M_{âŠ™}. Astrophysical Journal Letters, 2020, 892, L3.	8.3	1,049
14	Discriminating between Neutron Stars and Black Holes with Imperfect Knowledge of the Maximum Neutron Star Mass. Astrophysical Journal, 2020, 904, 80.	4.5	47
15	Standard sirens with a running Planck mass. Physical Review D, 2019, 99, .	4.7	71
16	Inferring neutron star properties from GW170817 with universal relations. Physical Review D, 2019, 99, .	4.7	56
17	Nonparametric inference of the neutron star equation of state from gravitational wave observations. Physical Review D, 2019, 99, .	4.7	112
18	Extended I-Love relations for slowly rotating neutron stars. Physical Review D, 2018, 97, .	4.7	16

#	Article	IF	Citations
19	Constraints on the Moment of Inertia of PSR J0737-3039A from GW170817. Astrophysical Journal Letters, 2018, 868, L22.	8.3	52
20	GW170817: Measurements of Neutron Star Radii and Equation of State. Physical Review Letters, 2018, 121, 161101.	7.8	1,473
21	Tidal deformation of a slowly rotating material body: Interior metric and Love numbers. Physical Review D, 2017, 95, .	4.7	29
22	Tidal deformation of a slowly rotating material body: External metric. Physical Review D, 2015, 91, .	4.7	84
23	Gravitomagnetic response of an irrotational body to an applied tidal field. Physical Review D, 2015, 91, .	4.7	42
24	Dynamical response to a stationary tidal field. Physical Review D, 2015, 92, .	4.7	25
25	Relativistic theory of surficial Love numbers. Physical Review D, 2014, 89, .	4.7	31
26	McVittie solution with a negative cosmological constant. Physical Review D, 2012, 86, .	4.7	15