

Exploring properties of high-density matter through re

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Equation of state effects and one-arm spiral instability in hypermassive neutron stars formed in eccentric neutron star mergers. Classical and Quantum Gravity, 2016, 33, 244004.	4.0	46
2	$m < m_1$ instability and gravitational wave signal in binary neutron star mergers. Physical Review D, 2016, 94, .	4.7	47
3	Binary neutron star merger simulations with different initial orbital frequency and equation of state. Classical and Quantum Gravity, 2016, 33, 175009.	4.0	26
4	Quark deconfinement and the duration of short gamma-ray bursts. Physical Review D, 2016, 93, .	4.7	25
5	Gravitational-wave signal from binary neutron stars: A systematic analysis of the spectral properties. Physical Review D, 2016, 93, .	4.7	137
6	Simulations of inspiraling and merging double neutron stars using the Spectral Einstein Code. Physical Review D, 2016, 93, .	4.7	39
7	Constructing stable 3D hydrodynamical models of giant stars. Astronomy and Astrophysics, 2017, 599, A5.	5.1	46
8	Gravitational Waves from F-modes Excited by the Inspiral of Highly Eccentric Neutron Star Binaries. Astrophysical Journal, 2017, 837, 67.	4.5	51
9	Binary neutron star mergers: a review of Einstein's richest laboratory. Reports on Progress in Physics, 2017, 80, 096901.	20.1	358
10	Gravitational waves and mass ejecta from binary neutron star mergers: Effect of the stars' rotation. Physical Review D, 2017, 95, .	4.7	81
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12	Modeling mergers of known galactic systems of binary neutron stars. Classical and Quantum Gravity, 2017, 34, 034001.	4.0	14
13	Spectral analysis of gravitational waves from binary neutron star merger remnants. Physical Review D, 2017, 96, .	4.7	31
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15	Neutron-star Radius Constraints from GW170817 and Future Detections. Astrophysical Journal Letters, 2017, 850, L34.	8.3	469
16	Rotating stars in relativity. Living Reviews in Relativity, 2017, 20, 7.	26.7	137
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18	Warm asymmetric quark matter and protoquark stars within the confined isospin-density-dependent mass model. Physical Review D, 2017, 96, .	4.7	7

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20	Neutron stars in the large- N_c limit. <i>Nuclear Physics A</i> , 2017, 968, 366-378.	1.5	5
21	Black Hole Spectroscopy with Coherent Mode Stacking. <i>Physical Review Letters</i> , 2017, 118, 161101.	7.8	81
22	Inferring the post-merger gravitational wave emission from binary neutron star coalescences. <i>Physical Review D</i> , 2017, 96, .	4.7	84
23	Semi-analytic derivation of the threshold mass for prompt collapse in binary neutron-star mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4956-4965.	4.4	49
24	Gravitational wave spectroscopy of binary neutron star merger remnants with mode stacking. <i>Physical Review D</i> , 2018, 97, .	4.7	59
25	Merger of Two Neutron Stars: Predictions from the Two-families Scenario. <i>Astrophysical Journal Letters</i> , 2018, 852, L32.	8.3	46
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27	Equation of state with scale-invariant hidden local symmetry and gravitational waves. <i>EPJ Web of Conferences</i> , 2018, 168, 04012.	0.3	0
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31	Towards the design of gravitational-wave detectors for probing neutron-star physics. <i>Physical Review D</i> , 2018, 98, .	4.7	42
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33	Gravitational wave asteroseismology limits from low density nuclear matter and perturbative QCD. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 046-046.	5.4	9
34	Convective Excitation of Inertial Modes in Binary Neutron Star Mergers. <i>Physical Review Letters</i> , 2018, 120, 221101.	7.8	27
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36	Gravitational waves from neutron star mergers and their relation to the nuclear equation of state. <i>Progress in Particle and Nuclear Physics</i> , 2019, 109, 103714.	14.4	152

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37	Equation of state constraints from multi-messenger observations of neutron star mergers. <i>Annals of Physics</i> , 2019, 411, 167958.	2.8	12
38	Merger of Compact Stars in the Two-families Scenario. <i>Astrophysical Journal</i> , 2019, 881, 122.	4.5	42
39	Effect of spin on the inspiral of binary neutron stars. <i>Physical Review D</i> , 2019, 100, .	4.7	22
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47	Finite-temperature equations of state for neutron star mergers. <i>Physical Review D</i> , 2019, 100, .	4.7	32
48	Kilohertz gravitational waves from binary neutron star remnants: Time-domain model and constraints on extreme matter. <i>Physical Review D</i> , 2019, 100, .	4.7	73
49	Binary neutron star mergers: Effects of spin and post-merger dynamics. <i>Physical Review D</i> , 2019, 100, .	4.7	27
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54	Detection and parameter estimation of binary neutron star merger remnants. <i>Physical Review D</i> , 2020, 102, .	4.7	23

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65	Differentially Rotating Relativistic Stars beyond the J-Constant Law. Physical Sciences Forum, 2021, 2, .	0.3	0
66	A Gravitational-Wave Perspective on Neutron-Star Seismology. Universe, 2021, 7, 97.	2.5	20
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69	The evolution of binary neutron star post-merger remnants: a review. General Relativity and Gravitation, 2021, 53, 1.	2.0	50
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77	Nonlinear dynamics of oscillating neutron stars in scalar-tensor gravity. <i>Physical Review D</i> , 2021, 104, .	4.7	5
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79	Multimessenger astronomy with a kHz-band gravitational-wave observatory. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	3.4	4
80	Challenges and opportunities of gravitational-wave searches at MHz to GHz frequencies. <i>Living Reviews in Relativity</i> , 2021, 24, 1.	26.7	105
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89	Proto-magnetars within quasiparticle model. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, 71, 222101.	0.5	0
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