

Exploring properties of high-density matter through re

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Citation Report



#	ARTICLE	IF	CITATIONS
19	Symmetry Parameter Constraints from a Lower Bound on Neutron-matter Energy. <i>Astrophysical Journal</i> , 2017, 848, 105.	1.6	233
20	Neutron stars in the large- $N_c$ limit. <i>Nuclear Physics A</i> , 2017, 968, 366-378.	0.6	5
21	Black Hole Spectroscopy with Coherent Mode Stacking. <i>Physical Review Letters</i> , 2017, 118, 161101.	2.9	81
22	Inferring the post-merger gravitational wave emission from binary neutron star coalescences. <i>Physical Review D</i> , 2017, 96, .	1.6	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.	1.6	49
24	Gravitational wave spectroscopy of binary neutron star merger remnants with mode stacking. <i>Physical Review D</i> , 2018, 97, .	1.6	59
25	Merger of Two Neutron Stars: Predictions from the Two-families Scenario. <i>Astrophysical Journal Letters</i> , 2018, 852, L32.	3.0	46
26	Nuclear Equation of State for Compact Stars and Supernovae. <i>Astrophysics and Space Science Library</i> , 2018, , 255-335.	1.0	38
27	Equation of state with scale-invariant hidden local symmetry and gravitational waves. <i>EPJ Web of Conferences</i> , 2018, 168, 04012.	0.1	0
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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.	1.9	9
34	Convective Excitation of Inertial Modes in Binary Neutron Star Mergers. <i>Physical Review Letters</i> , 2018, 120, 221101.	2.9	27
35	The Merger of Two Compact Stars: A Tool for Dense Matter Nuclear Physics. <i>Universe</i> , 2018, 4, 50.	0.9	11
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.	5.6	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.	1.0	12
38	Merger of Compact Stars in the Two-families Scenario. <i>Astrophysical Journal</i> , 2019, 881, 122.	1.6	42
39	Effect of spin on the inspiral of binary neutron stars. <i>Physical Review D</i> , 2019, 100, .	1.6	22
40	Dense matter equation of state for neutron star mergers. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	18
41	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	1.5	451
42	Spectral classification of gravitational-wave emission and equation of state constraints in binary neutron star mergers. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 113002.	1.4	41
43	Effects of spin on magnetized binary neutron star mergers and jet launching. <i>Physical Review D</i> , 2019, 99, .	1.6	39
44	Phase transitions in neutron stars and their links to gravitational waves. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 073002.	1.4	47
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52	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. <i>Physica Scripta</i> , 2019, 94, 033001.	1.2	79
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60	Empirical relations for gravitational-wave asteroseismology of binary neutron star mergers. <i>Physical Review D</i> , 2020, 101, .	1.6	41
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63	Equilibrium sequences of differentially rotating stars with post-merger-like rotational profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 850-866.	1.6	8
64	Origin of the heaviest elements: The rapid neutron-capture process. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	326
65	Differentially Rotating Relativistic Stars beyond the J-Constant Law. <i>Physical Sciences Forum</i> , 2021, 2, .	0.3	0
66	A Gravitational-Wave Perspective on Neutron-Star Seismology. <i>Universe</i> , 2021, 7, 97.	0.9	20
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68	Systematics of prompt black-hole formation in neutron star mergers. <i>Physical Review D</i> , 2021, 103, .	1.6	35
69	The evolution of binary neutron star post-merger remnants: a review. <i>General Relativity and Gravitation</i> , 2021, 53, 1.	0.7	50
70	Quark star matter at finite temperature in a quasiparticle model. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	11
71	Gravitational-wave Asteroseismology with f-modes from Neutron Star Binaries at the Merger Phase. <i>Astrophysical Journal</i> , 2021, 915, 108.	1.6	9
72	Frequency deviations in universal relations of isolated neutron stars and postmerger remnants. <i>Physical Review D</i> , 2021, 104, .	1.6	24

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74	Instabilities in neutron-star postmerger remnants. <i>Physical Review D</i> , 2020, 102, .	1.6	12
75	Inference of the Neutron Star Equation of State from Cosmological Distances. <i>Physical Review Letters</i> , 2020, 125, 261101.	2.9	14
76	Gravitational wave signatures of highly magnetized neutron stars. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	18
77	Nonlinear dynamics of oscillating neutron stars in scalar-tensor gravity. <i>Physical Review D</i> , 2021, 104, .	1.6	5
78	Gravitational waves from binary neutron stars. <i>Arabian Journal of Mathematics</i> , 2022, 11, 105-118.	0.4	3
79	Multimessenger astronomy with a kHz-band gravitational-wave observatory. <i>Publications of the Astronomical Society of Australia</i> , 2022, 39, .	1.3	4
80	Challenges and opportunities of gravitational-wave searches at MHz to GHz frequencies. <i>Living Reviews in Relativity</i> , 2021, 24, 1.	8.2	105
81	Analytic models of the spectral properties of gravitational waves from neutron star merger remnants. <i>Physical Review D</i> , 2022, 105, .	1.6	17
82	Models of binary neutron star remnants with tabulated equations of state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2948-2967.	1.6	5
83	Constraints on the Maximum Densities of Neutron Stars from Postmerger Gravitational Waves with Third-Generation Observations. <i>Physical Review Letters</i> , 2022, 128, 161102.	2.9	15
84	Strange quark matter at finite temperature under magnetic fields with a quasiparticle model. <i>Physical Review C</i> , 2022, 105, .	1.1	1
85	Probing neutron stars with the full premerger and postmerger gravitational wave signal from binary coalescences. <i>Physical Review D</i> , 2022, 105, .	1.6	21
86	Science-driven Tunable Design of Cosmic Explorer Detectors. <i>Astrophysical Journal</i> , 2022, 931, 22.	1.6	27
87	Thinking Outside the Box: Numerical Relativity with Particles. <i>Symmetry</i> , 2022, 14, 1280.	1.1	8
88	Proto-magnetars within quasiparticle model. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, .	0.2	0
89	Proto-magnetars within quasiparticle model. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, 71, 222101.	0.2	0
90	Merger and Postmerger of Binary Neutron Stars with a Quark-Hadron Crossover Equation of State. <i>Physical Review Letters</i> , 2022, 129, .	2.9	24

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92	Compact dark objects in neutron star mergers. Physical Review D, 2023, 107, .	1.6	9