

Milva Orsaria

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Constant-sound-speed parametrization for Nambu–Jona-Lasinio models of quark matter in hybrid stars. <i>Physical Review C</i> , 2016, 93, .	2.9	57
2	Phase transitions in neutron stars and their links to gravitational waves. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 073002.	3.6	47
3	Hot quark matter and (proto-) neutron stars. <i>Physical Review C</i> , 2019, 100, .	2.9	36
4	Oscillation modes of hybrid stars within the relativistic Cowling approximation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 031-031.	5.4	35
5	Delta baryons and diquark formation in the cores of neutron stars. <i>Physical Review D</i> , 2020, 102, .	4.7	31
6	Properties of high-density matter in neutron stars. <i>Modern Physics Letters A</i> , 2014, 29, 1430022.	1.2	28
7	Magnetized hybrid stars: effects of slow and rapid phase transitions at the quark–hadron interface. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4261-4277.	4.4	25
8	Neutrino emissivity in the quark-hadron mixed phase of neutron stars. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	22
9	QUARK STARS AND QUANTUM-MAGNETICALLY INDUCED COLLAPSE. <i>International Journal of Modern Physics D</i> , 2005, 14, 1959-1969.	2.1	20
10	Quark Deconfinement in Rotating Neutron Stars. <i>Universe</i> , 2017, 3, 5.	2.5	19
11	MAGNETARS AS HIGHLY MAGNETIZED QUARK STARS: AN ANALYTICAL TREATMENT. <i>Astrophysical Journal</i> , 2011, 734, 41.	4.5	14
12	Structure of Quark Stars. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 61-66.	0.0	14
13	Color superconductivity in compact stellar hybrid configurations. <i>Physical Review C</i> , 2017, 96, .	2.9	12
14	Effects of Hadron-Quark Phase Transitions in Hybrid Stars within the NJL Model. <i>Symmetry</i> , 2019, 11, 425.	2.2	12
15	Neutrino Emissivity in the Quark-Hadron Mixed Phase. <i>Universe</i> , 2018, 4, 64.	2.5	11
16	Phases of Hadron-Quark Matter in (Proto) Neutron Stars. <i>Universe</i> , 2019, 5, 169.	2.5	11
17	Hybrid Stars with Color Superconducting Cores in an Extended FCM Model. <i>Universe</i> , 2021, 7, 370.	2.5	9
18	BARYOGENESIS THROUGH GRADUAL COLLAPSE OF VORTONS. <i>International Journal of Modern Physics A</i> , 1999, 14, 3581-3596.	1.5	8

#	ARTICLE	IF	CITATIONS
19	Oscillating magnetized hybrid stars under the magnifying glass of multimessenger observations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 517-534.	4.4	8
20	PHASE TRANSITION IN STRANGE QUARK MATTER WITH DENSITY DEPENDENT QUARK MASS. International Journal of Modern Physics D, 2007, 16, 291-295.	2.1	7
21	Hard component of ultra-high energy cosmic rays and vortons. Astroparticle Physics, 2002, 16, 411-423.	4.3	6
22	Color flavor locked phase transition in strange quark matter. Brazilian Journal of Physics, 2007, 37, 20-22.	1.4	5
23	QUARK MATTER MAGNETIZATION: PHASE TRANSITION OR UPPER LIMIT OF MAGNETIC FIELD?. International Journal of Modern Physics D, 2007, 16, 255-260.	2.1	4
24	Quark-hadron Phase Transition in Proto-Neutron Stars Cores Based on a Non-local NJL Model. International Journal of Modern Physics Conference Series, 2017, 45, 1760039.	0.7	2
25	Simplified Thermal Evolution of Proto-Hybrid Stars. International Journal of Modern Physics Conference Series, 2017, 45, 1760041.	0.7	2
26	Hybrid Stars in the Framework of NJL Models. International Journal of Modern Physics Conference Series, 2017, 45, 1760026.	0.7	2
27	Gravitational radiation reaction driven instabilities in rotating neutron stars. Astronomische Nachrichten, 2021, 342, 799-807.	1.2	2
28	Oscillating Magnetized Color Superconducting Quark Stars. Universe, 2022, 8, 272.	2.5	2
29	Possible common origin of baryogenesis and high-energy cosmic rays. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 362-364.	0.4	1
30	PRIMORDIAL BUBBLES OF COLOUR SUPERCONDUCTING QUARK MATTER. International Journal of Modern Physics D, 2004, 13, 1361-1364.	2.1	1
31	NON-LOCAL CHIRAL QUARK MODELS WITH POLYAKOV LOOP AT FINITE TEMPERATURE AND CHEMICAL POTENTIAL. International Journal of Modern Physics D, 2010, 19, 1703-1709.	2.1	1
32	PROPERTIES OF MAGNETIZED QUARK-HYBRID STARS. International Journal of Modern Physics E, 2011, 20, 25-28.	1.0	1
33	Neutrino emissivity in the color superconducting quark-hadron mixed phase. Astronomische Nachrichten, 2019, 340, 139-144.	1.2	1
34	Quark Matter in Neutron Stars. FIAS Interdisciplinary Science Series, 2020, , 95-106.	0.1	1
35	Bubbles of Quark Matter and Generation of Strangelets. AIP Conference Proceedings, 2003, , .	0.4	0
36	Primordial quark bubbles with leptonic component. AIP Conference Proceedings, 2004, , .	0.4	0

#	ARTICLE	IF	CITATIONS
37	COLOR SUPERCONDUCTING PHASE IN HYBRID NEUTRON STAR WITH DELTA-MATTER. International Journal of Modern Physics E, 2007, 16, 2859-2862.	1.0	0
38	Phase diagram and critical end point in nonlocal PNJL models with wavefunction renormalization. , 2010, , .		0
39	Rotation-Driven Phase Transitions in the Cores of Pulsars. International Journal of Modern Physics Conference Series, 2017, 45, 1760035.	0.7	0