Milva Orsaria

List of Publications by Citations

36 papers	310 citations	12 h-index	16 g-index
39 ext. papers	385 ext. citations	2.2 avg, IF	3.53 L-index

#	Paper	IF	Citations
36	Constant-sound-speed parametrization for Nambu–Jona-Lasinio models of quark matter in hybrid stars. *Physical Review C*, **2016**, 93,	2.7	48
35	Phase transitions in neutron stars and their links to gravitational waves. *Journal of Physics G: Nuclear and Particle Physics*, **2019**, 46, 073002	2.9	25
34	Properties of high-density matter in neutron stars. *Modern Physics Letters A*, **2014**, 29, 1430022	1.3	25
33	Neutrino emissivity in the quark-hadron mixed phase of neutron stars. *European Physical Journal A*, **2016**, 52, 1	2.5	21
32	QUARK STARS AND QUANTUM-MAGNETICALLY INDUCED COLLAPSE. *International Journal of Modern Physics D*, **2005**, 14, 1959-1969	2.2	19
31	Hot quark matter and (proto-) neutron stars. *Physical Review C*, **2019**, 100,	2.7	18
30	Oscillation modes of hybrid stars within the relativistic Cowling approximation. *Journal of Cosmology and Astroparticle Physics*, **2018**, 2018, 031-031	6.4	18
29	Quark Deconfinement in Rotating Neutron Stars. *Universe*, **2017**, 3, 5	2.5	16
28	Magnetized hybrid stars: effects of slow and rapid phase transitions at the quark–hadron interface. *Monthly Notices of the Royal Astronomical Society*, **2019**, 489, 4261-4277	4.3	14
27	MAGNETARS AS HIGHLY MAGNETIZED QUARK STARS: AN ANALYTICAL TREATMENT. *Astrophysical Journal*, **2011**, 734, 41	4.7	14
26	Structure of Quark Stars. *Proceedings of the International Astronomical Union*, **2012**, 8, 61-66	0.1	13
25	Delta baryons and diquark formation in the cores of neutron stars. *Physical Review D*, **2020**, 102,	4.9	12
24	Phases of Hadron-Quark Matter in (Proto) Neutron Stars. *Universe*, **2019**, 5, 169	2.5	9
23	Color superconductivity in compact stellar hybrid configurations. *Physical Review C*, **2017**, 96,	2.7	8
22	Neutrino Emissivity in the Quark-Hadron Mixed Phase. *Universe*, **2018**, 4, 64	2.5	7
21	PHASE TRANSITION IN STRANGE QUARK MATTER WITH DENSITY DEPENDENT QUARK MASS. *International Journal of Modern Physics D*, **2007**, 16, 291-295	2.2	7
20	BARYOGENESIS THROUGH GRADUAL COLLAPSE OF VORTONS. *International Journal of Modern Physics A*, **1999**, 14, 3581-3596	1.2	7

19	Hard component of ultra-high energy cosmic rays and vortons. *Astroparticle Physics*, **2002**, 16, 411-423	2.4	5
18	Effects of Hadron-Quark Phase Transitions in Hybrid Stars within the NJL Model. *Symmetry*, **2019**, 11, 425	2.7	4
17	Color flavor locked phase transition in strange quark matter. *Brazilian Journal of Physics*, **2007**, 37, 20-22	1.2	4
16	QUARK MATTER MAGNETIZATION: PHASE TRANSITION OR UPPER LIMIT OF MAGNETIC FIELD?. *International Journal of Modern Physics D*, **2007**, 16, 255-260	2.2	3
15	Hybrid Stars in the Framework of NJL Models. *International Journal of Modern Physics Conference Series*, **2017**, 45, 1760026	0.7	2
14	Hybrid Stars with Color Superconducting Cores in an Extended FCM Model. *Universe*, **2021**, 7, 370	2.5	2
13	Oscillating magnetized hybrid stars under the magnifying glass of multimessenger observations. *Monthly Notices of the Royal Astronomical Society*, **2022**, 512, 517-534	4.3	2
12	Neutrino emissivity in the color superconducting quark-hadron-mixed phase. *Astronomische Nachrichten*, **2019**, 340, 139-144	0.7	1
11	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	1
10	Simplified Thermal Evolution of Proto-Hybrid Stars. *International Journal of Modern Physics Conference Series*, **2017**, 45, 1760041	0.7	1
9	NON-LOCAL CHIRAL QUARK MODELS WITH POLYAKOV LOOP AT FINITE TEMPERATURE AND CHEMICAL POTENTIAL. *International Journal of Modern Physics D*, **2010**, 19, 1703-1709	2.2	1
8	PRIMORDIAL BUBBLES OF COLOUR SUPERCONDUCTING QUARK MATTER. *International Journal of Modern Physics D*, **2004**, 13, 1361-1364	2.2	1
7	Possible common origin of baryogenesis and high-energy cosmic rays. *Nuclear Physics, Section B, Proceedings Supplements*, **1999**, 75, 362-364		1
6	Quark Matter in Neutron Stars. *FIAS Interdisciplinary Science Series*, **2020**, 95-106	0.1	1
5	Gravitational radiation-reaction driven instabilities in rotating neutron stars. *Astronomische Nachrichten*, **2021**, 342, 799-807	0.7	0
4	Rotation-Driven Phase Transitions in the Cores of Pulsars. *International Journal of Modern Physics Conference Series*, **2017**, 45, 1760035	0.7	
3	PROPERTIES OF MAGNETIZED QUARK-HYBRID STARS. *International Journal of Modern Physics E*, **2011**, 20, 25-28	0.7	
2	COLOR SUPERCONDUCTING PHASE IN HYBRID NEUTRON STAR WITH DELTA-MATTER. *International Journal of Modern Physics E*, **2007**, 16, 2859-2862	0.7	

1 Oscillating Magnetized Color Superconducting Quark Stars. *Universe*, **2022**, 8, 272 2.5