

# Milva Orsaria

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Oscillating magnetized hybrid stars under the magnifying glass of multimessenger observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 517-534	4.3	2
35	Oscillating Magnetized Color Superconducting Quark Stars. <i>Universe</i> , <b>2022</b> , 8, 272	2.5	
34	Hybrid Stars with Color Superconducting Cores in an Extended FCM Model. <i>Universe</i> , <b>2021</b> , 7, 370	2.5	2
33	Gravitational radiation-reaction driven instabilities in rotating neutron stars. <i>Astronomische Nachrichten</i> , <b>2021</b> , 342, 799-807	0.7	0
32	Quark Matter in Neutron Stars. <i>FIAS Interdisciplinary Science Series</i> , <b>2020</b> , 95-106	0.1	1
31	Delta baryons and diquark formation in the cores of neutron stars. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	12
30	Magnetized hybrid stars: effects of slow and rapid phase transitions at the quarkhadron interface. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 4261-4277	4.3	14
29	Neutrino emissivity in the color superconducting quark-hadron-mixed phase. <i>Astronomische Nachrichten</i> , <b>2019</b> , 340, 139-144	0.7	1
28	Phase transitions in neutron stars and their links to gravitational waves. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2019</b> , 46, 073002	2.9	25
27	Effects of Hadron-Quark Phase Transitions in Hybrid Stars within the NJL Model. <i>Symmetry</i> , <b>2019</b> , 11, 425	2.7	4
26	Phases of Hadron-Quark Matter in (Proto) Neutron Stars. <i>Universe</i> , <b>2019</b> , 5, 169	2.5	9
25	Hot quark matter and (proto-) neutron stars. <i>Physical Review C</i> , <b>2019</b> , 100,	2.7	18
24	Neutrino Emissivity in the Quark-Hadron Mixed Phase. <i>Universe</i> , <b>2018</b> , 4, 64	2.5	7
23	Oscillation modes of hybrid stars within the relativistic Cowling approximation. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2018</b> , 2018, 031-031	6.4	18
22	Rotation-Driven Phase Transitions in the Cores of Pulsars. <i>International Journal of Modern Physics Conference Series</i> , <b>2017</b> , 45, 1760035	0.7	
21	Quark-hadron Phase Transition in Proto-Neutron Stars Cores Based on a Non-local NJL Model. <i>International Journal of Modern Physics Conference Series</i> , <b>2017</b> , 45, 1760039	0.7	1
20	Simplified Thermal Evolution of Proto-Hybrid Stars. <i>International Journal of Modern Physics Conference Series</i> , <b>2017</b> , 45, 1760041	0.7	1

19	Hybrid Stars in the Framework of NJL Models. <i>International Journal of Modern Physics Conference Series</i> , <b>2017</b> , 45, 1760026	0.7	2
18	Quark Deconfinement in Rotating Neutron Stars. <i>Universe</i> , <b>2017</b> , 3, 5	2.5	16
17	Color superconductivity in compact stellar hybrid configurations. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	8
16	Constant-sound-speed parametrization for Nambu-Jona-Lasinio models of quark matter in hybrid stars. <i>Physical Review C</i> , <b>2016</b> , 93,	2.7	48
15	Neutrino emissivity in the quark-hadron mixed phase of neutron stars. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	21
14	Properties of high-density matter in neutron stars. <i>Modern Physics Letters A</i> , <b>2014</b> , 29, 1430022	1.3	25
13	Structure of Quark Stars. <i>Proceedings of the International Astronomical Union</i> , <b>2012</b> , 8, 61-66	0.1	13
12	MAGNETARS AS HIGHLY MAGNETIZED QUARK STARS: AN ANALYTICAL TREATMENT. <i>Astrophysical Journal</i> , <b>2011</b> , 734, 41	4.7	14
11	PROPERTIES OF MAGNETIZED QUARK-HYBRID STARS. <i>International Journal of Modern Physics E</i> , <b>2011</b> , 20, 25-28	0.7	
10	NON-LOCAL CHIRAL QUARK MODELS WITH POLYAKOV LOOP AT FINITE TEMPERATURE AND CHEMICAL POTENTIAL. <i>International Journal of Modern Physics D</i> , <b>2010</b> , 19, 1703-1709	2.2	1
9	Color flavor locked phase transition in strange quark matter. <i>Brazilian Journal of Physics</i> , <b>2007</b> , 37, 20-22	1.2	4
8	QUARK MATTER MAGNETIZATION: PHASE TRANSITION OR UPPER LIMIT OF MAGNETIC FIELD?. <i>International Journal of Modern Physics D</i> , <b>2007</b> , 16, 255-260	2.2	3
7	PHASE TRANSITION IN STRANGE QUARK MATTER WITH DENSITY DEPENDENT QUARK MASS. <i>International Journal of Modern Physics D</i> , <b>2007</b> , 16, 291-295	2.2	7
6	COLOR SUPERCONDUCTING PHASE IN HYBRID NEUTRON STAR WITH DELTA-MATTER. <i>International Journal of Modern Physics E</i> , <b>2007</b> , 16, 2859-2862	0.7	
5	QUARK STARS AND QUANTUM-MAGNETICALLY INDUCED COLLAPSE. <i>International Journal of Modern Physics D</i> , <b>2005</b> , 14, 1959-1969	2.2	19
4	PRIMORDIAL BUBBLES OF COLOUR SUPERCONDUCTING QUARK MATTER. <i>International Journal of Modern Physics D</i> , <b>2004</b> , 13, 1361-1364	2.2	1
3	Hard component of ultra-high energy cosmic rays and vortons. <i>Astroparticle Physics</i> , <b>2002</b> , 16, 411-423	2.4	5
2	BARYOGENESIS THROUGH GRADUAL COLLAPSE OF VORTONS. <i>International Journal of Modern Physics A</i> , <b>1999</b> , 14, 3581-3596	1.2	7

<sup>1</sup> Possible common origin of baryogenesis and high-energy cosmic rays. *Nuclear Physics, Section B, Proceedings Supplements*, **1999**, 75, 362-364

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