

Giuseppe Pagliara

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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	1,005 citations	16 h-index	31 g-index
36 ext. papers	1,176 ext. citations	3.2 avg, IF	4.83 L-index

#	Paper	IF	Citations
36	QUARK MATTER IN MASSIVE COMPACT STARS. <i>Astrophysical Journal Letters</i> , 2011 , 740, L14	7.9	184
35	Early appearance of Ξ isobars in neutron stars. <i>Physical Review C</i> , 2014 , 90,	2.7	118
34	Can very compact and very massive neutron stars both exist?. <i>Physical Review D</i> , 2014 , 89,	4.9	102
33	The scenario of two families of compact stars. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	65
32	Spectral functions of scalar mesons. <i>Physical Review C</i> , 2007 , 76,	2.7	51
31	EMMI rapid reaction task force meeting on quark matter in compact stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 123001	2.9	49
30	Combustion of a neutron star into a strange quark star: The neutrino signal. <i>Physical Review D</i> , 2013 , 87,	4.9	47
29	The scenario of two families of compact stars. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	46
28	Nuclear matter within a dilatation-invariant parity doublet model: The role of the tetraquark at nonzero density. <i>Nuclear Physics A</i> , 2011 , 872, 13-24	1.3	44
27	Merger of Two Neutron Stars: Predictions from the Two-families Scenario. <i>Astrophysical Journal Letters</i> , 2018 , 852, L32	7.9	39
26	Combustion of a hadronic star into a quark star: The turbulent and the diffusive regimes. <i>Physical Review C</i> , 2015 , 92,	2.7	28
25	Merger of Compact Stars in the Two-families Scenario. <i>Astrophysical Journal</i> , 2019 , 881, 122	4.7	25
24	Quark deconfinement and the duration of short gamma-ray bursts. <i>Physical Review D</i> , 2016 , 93,	4.9	24
23	DEVIATION FROM THE EXPONENTIAL DECAY LAW IN RELATIVISTIC QUANTUM FIELD THEORY: THE EXAMPLE OF STRONGLY DECAYING PARTICLES. <i>Modern Physics Letters A</i> , 2011 , 26, 2247-2259	1.3	22
22	Quiescent Times in Gamma-Ray Bursts: Hints of a Dormant Inner Engine. <i>Astrophysical Journal</i> , 2007 , 665, 1227-1234	4.7	22
21	Bayesian Inference of Dense Matter Equation of State within Relativistic Mean Field Models Using Astrophysical Measurements. <i>Astrophysical Journal</i> , 2020 , 897, 165	4.7	19
20	Decay of light scalar mesons into vector-photon and into pseudoscalar mesons. <i>Nuclear Physics A</i> , 2010 , 833, 138-155	1.3	16

19	Radiative β decays with derivative interactions. <i>Nuclear Physics A</i> , 2008 , 812, 125-139	1.3	13
18	Oscillations in the Decay Law: A Possible Quantum Mechanical Explanation of the Anomaly in the Experiment at the GSI Facility. <i>Quantum Matter</i> , 2013 , 2, 54-59		13
17	Spectral function of a scalar boson coupled to fermions. <i>Physical Review D</i> , 2013 , 88,	4.9	12
16	Why can hadronic stars convert into strange quark stars with larger radii. <i>Physical Review D</i> , 2020 , 102,	4.9	11
15	The Merger of Two Compact Stars: A Tool for Dense Matter Nuclear Physics. <i>Universe</i> , 2018 , 4, 50	2.5	10
14	A Compact Star Rotating at 1122 Hz and the r -Mode Instability. <i>Astrophysical Journal</i> , 2008 , 678, L117-L120	1.7	10
13	Measurement of the neutron lifetime and inverse quantum Zeno effect. <i>Physical Review D</i> , 2020 , 101,	4.9	6
12	Quark-hadron mixed phases in protoneutron stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 094065	2.9	5
11	Pulsed and continuous measurements of exponentially decaying systems. <i>Physical Review A</i> , 2014 , 90,	2.6	4
10	Is there quark matter in (low-mass) pulsars?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008 , 35, 104079	2.9	4
9	Quark Deconfinement inside Compact Stars and Gamma Ray Bursts Inner Engine. <i>Nuclear Physics A</i> , 2007 , 782, 418-425	1.3	4
8	How to test the two-families scenario 2019 ,		3
7	Delta isobars in neutron stars. <i>EPJ Web of Conferences</i> , 2015 , 95, 01011	0.3	3
6	A Bayesian Analysis on Neutron Stars within Relativistic Mean Field Models. <i>Particles</i> , 2020 , 3, 621-629	2.1	2
5	Anomalies in weak decays of H-like ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 408, 74-75	1.2	1
4	Neutron stars in the large- N_c limit. <i>Nuclear Physics A</i> , 2017 , 968, 366-378	1.3	1
3	Influence of the measurement on the decay law: the bang-bang case. <i>EPJ Web of Conferences</i> , 2015 , 95, 04025	0.3	1
2	On the conversion of neutron stars into quark stars. <i>EPJ Web of Conferences</i> , 2014 , 66, 07018	0.3	1

- 1 Merger of a Neutron Star with a Black Hole: One-family versus Two-families Scenario. *Astrophysical Journal*, **2022**, 929, 44 4.7 ○