Aldo Ejlli

List of Publications by Year in descending order

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27 papers	4,105 citations	394421 19 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	3736 citing authors

#	Article	IF	Citations
1	Polarimetry for measuring the vacuum magnetic birefringence with quasi-static fields: a systematics study for the VMB@CERN experiment. European Physical Journal C, 2022, 82, 1.	3.9	3
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
3	An experiment for observing quantum gravity phenomena using twin table-top 3D interferometers. Classical and Quantum Gravity, 2021, 38, 085008.	4.0	27
4	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. Astrophysical Journal Letters, 2021, 913, L27.	8.3	32
5	Population Properties of Compact Objects from the Second LIGOâ€“Virgo Gravitational-Wave Transient Catalog. Astrophysical Journal Letters, 2021, 913, L7.	8.3	514
6	Observation of Gravitational Waves from Two Neutron Starâ€“Black Hole Coalescences. Astrophysical Journal Letters, 2021, 915, L5.	8.3	453
7	Constraints on Cosmic Strings Using Data from the Third Advanced LIGOâ€“Virgo Observing Run. Physical Review Letters, 2021, 126, 241102.	7.8	87
8	Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGOâ€“Virgo Run O3a. Astrophysical Journal, 2021, 915, 86.	4.5	20
9	Searches for Continuous Gravitational Waves from Young Supernova Remnants in the Early Third Observing Run of Advanced LIGO and Virgo. Astrophysical Journal, 2021, 921, 80.	4.5	39
10	Constraints from LIGO O3 Data on Gravitational-wave Emission Due to R-modes in the Glitching Pulsar PSR J0537â€“6910. Astrophysical Journal, 2021, 922, 71.	4.5	29
11	Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGOâ€“Virgoâ€™s Third Observing Run. Astrophysical Journal, 2021, 923, 14.	4.5	59
12	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. Astrophysical Journal, 2020, 893, 100.	4.5	12
13	GW190521: A Binary Black Hole Merger with a Total Mass of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>150</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:msub><mml:mrow></mml:mrow><mml:mo stretchy="false">âŠ™</mml:mo></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2020, 125, 101102.	7.8	836
14	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. Astrophysical Journal Letters, 2020, 896, L44.	8.3	1,090
15	The PVLAS experiment: A 25 year effort to measure vacuum magnetic birefringence. Physics Reports, 2020, 871, 1-74.	25.6	72
16	Properties and Astrophysical Implications of the 150 M_{âŠ™} Binary Black Hole Merger GW190521. Astrophysical Journal Letters, 2020, 900, L13.	8.3	406
17	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. Astrophysical Journal Letters, 2020, 902, L21.	8.3	65
18	Upper limits on the amplitude of ultra-high-frequency gravitational waves from graviton to photon conversion. European Physical Journal C, 2019, 79, 1.	3.9	58

#	Article	IF	Citations
19	Polarisation dynamics of a birefringent Fabryâ€“Perot cavity. Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	8
20	Intrinsic mirror noise in Fabryâ€“Perot based polarimeters: the case for the measurement of vacuum magnetic birefringence. European Physical Journal C, 2018, 78, 1.	3.9	10
21	A polarisation modulation scheme for measuring vacuum magnetic birefringence with static fields. European Physical Journal C, 2016, 76, 1.	3.9	12
22	Progress toward a direct experimental detection of Î³Î³ interactions. Nuclear and Particle Physics Proceedings, 2016, 270-272, 67-72.	0.5	0
23	The PVLAS experiment: measuring vacuum magnetic birefringence and dichroism with a birefringent Fabryâ€“Perot cavity. European Physical Journal C, 2016, 76, 1.	3.9	150
24	Experimental perspectives in (low-energy) photon-photon scattering. Journal of Physics: Conference Series, 2014, 490, 012153.	0.4	0
25	Extremely long decay time optical cavity. Optics Express, 2014, 22, 11570.	3.4	26
26	Measurement of the Cotton Mouton effect of water vapour. Chemical Physics Letters, 2014, 592, 288-291.	2.6	8
27	First results from the new PVLAS apparatus: A new limit on vacuum magnetic birefringence. Physical Review D, 2014, 90, .	4.7	63