Franco Frasconi

List of Publications by Year in descending order

204 papers	15,114 citations	31976 53 h-index	17592 121 g-index
206 all docs	206 docs citations	206 times ranked	8307 citing authors

#	Article	IF	Citations
1	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
2	The Einstein Telescope: a third-generation gravitational wave observatory. Classical and Quantum Gravity, 2010, 27, 194002.	4.0	1,211
3	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. Classical and Quantum Gravity, 2010, 27, 173001.	4.0	956
4	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	26.7	808
5	Sensitivity studies for third-generation gravitational wave observatories. Classical and Quantum Gravity, 2011, 28, 094013.	4.0	644
6	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
7	Measurements of the meson-photon transition form factors of light pseudoscalar mesons at large momentum transfer. Physical Review D, 1998, 57, 33-54.	4.7	440
8	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
9	Scientific objectives of Einstein Telescope. Classical and Quantum Gravity, 2012, 29, 124013.	4.0	355
10	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
11	The third generation of gravitational wave observatories and their science reach. Classical and Quantum Gravity, 2010, 27, 084007.	4.0	287
12	Virgo: a laser interferometer to detect gravitational waves. Journal of Instrumentation, 2012, 7, P03012-P03012.	1.2	257
13	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. Physical Review Letters, 2019, 123, 231108.	7.8	254
14	Observation of events with a large rapidity gap in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 481-493.	4.1	239
15	Measurement of the proton structure function F2 in ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 412-426.	4.1	219
16	A measurement of Ïƒtot(Î³p) at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 465-477.	4.1	192
17	Search for gravitational waves from low mass compact binary coalescence in LIGOâ€™s sixth science run and Virgoâ€™s science runs 2 and 3. Physical Review D, 2012, 85, .	4.7	185
18	The Virgo status. Classical and Quantum Gravity, 2006, 23, S635-S642.	4.0	179

#	Article	IF	Citations
19	Status of the Virgo project. Classical and Quantum Gravity, 2011, 28, 114002.	4.0	171
20	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	4.5	155
21	Status of Virgo. Classical and Quantum Gravity, 2008, 25, 114045.	4.0	148
22	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. Physical Review D, 2013, 88, .	4.7	132
23	Virgo status. Classical and Quantum Gravity, 2008, 25, 184001.	4.0	116
24	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. Physical Review D, 2010, 82, .	4.7	111
25	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. Physical Review D, 2010, 81, .	4.7	107
26	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. Physical Review D, 2012, 85, .	4.7	107
27	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. Astrophysical Journal, 2012, 760, 12.	4.5	104
28	Directional Limits on Persistent Gravitational Waves Using LIGO S5 Science Data. Physical Review Letters, 2011, 107, 271102.	7.8	94
29	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009â€“2010. Physical Review D, 2013, 87, .	4.7	92
30	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. Physical Review D, 2013, 87, .	4.7	91
31	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. Astrophysical Journal, 2010, 715, 1453-1461.	4.5	90
32	Measurement of the VIRGO superattenuator performance for seismic noise suppression. Review of Scientific Instruments, 2001, 72, 3643-3652.	1.3	89
33	Status of VIRGO. Classical and Quantum Gravity, 2004, 21, S385-S394.	4.0	89
34	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. Astrophysical Journal, 2011, 737, 93.	4.5	89
35	The present status of the VIRGO Central Interferometer*. Classical and Quantum Gravity, 2002, 19, 1421-1428.	4.0	85
36	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. Physical Review D, 2011, 83, .	4.7	85

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37	Calibration and sensitivity of the Virgo detector during its second science run. Classical and Quantum Gravity, 2011, 28, 025005.	4.0	85
38	Implementation and testing of the first prompt search forÂgravitational wave transients with electromagnetic counterparts. Astronomy and Astrophysics, 2012, 539, A124.	5.1	84
39	The status of VIRGO. Classical and Quantum Gravity, 2006, 23, S63-S69.	4.0	83
40	An inverted pendulum preisolator stage for the VIRGO suspension system. Review of Scientific Instruments, 1999, 70, 2507-2515.	1.3	82
41	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. Astroparticle Physics, 2005, 23, 557-565.	4.3	79
42	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. Astronomy and Astrophysics, 2012, 541, A155.	5.1	75
43	The characterization of Virgo data and its impact on gravitational-wave searches. Classical and Quantum Gravity, 2012, 29, 155002.	4.0	73
44	Observation of hard scattering in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 404-416.	4.1	70
45	Extraction of the gluon density of the proton at x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 576-588.	4.1	70
46	Observation of direct processes in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 287-300.	4.1	69
47	All-sky search for periodic gravitational waves in the full S5 LIGO data. Physical Review D, 2012, 85, .	4.7	66
48	Observation of jet production in deep inelastic scattering with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 228-243.	4.1	63
49	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	4.3	62
50	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452.	4.5	60
51	Noise from scattered light in Virgo's second science run data. Classical and Quantum Gravity, 2010, 27, 194011.	4.0	59
52	Status of Virgo detector. Classical and Quantum Gravity, 2007, 24, S381-S388.	4.0	56
53	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. Astrophysical Journal Letters, 2011, 734, L35.	8.3	55
54	Measurement of the Decay Amplitudes and Branching Fractions ofBâ†'J/Î^K*andBâ†'J/Î^KDecays. Physical Review Letters, 1997, 79, 4533-4537.	7.8	54

#	Article	IF	Citations
55	Status of Virgo. Classical and Quantum Gravity, 2005, 22, S869-S880.	4.0	54
56	Search for leptoquarks with the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 173-186.	4.1	53
57	Inertial control of the mirror suspensions of the VIRGO interferometer for gravitational wave detection. Review of Scientific Instruments, 2001, 72, 3653-3661.	1.3	52
58	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. Astrophysical Journal, 2017, 841, 89.	4.5	52
59	Measurement of the total cross section fore+eâ˜'â†'hadrons ats=10.52GeV. Physical Review D, 1998, 57, 1350-1358.	4.7	50
60	Search for gravitational waves from intermediate mass binary black holes. Physical Review D, 2012, 85, .	4.7	48
61	Observation of Two Excited Charmed Baryons Decaying intoÎ›c+Ï€Â±. Physical Review Letters, 1997, 78, 2304-2308.	7.8	43
62	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600â€“1000ÂHz. Physical Review D, 2012, 85, .	4.7	43
63	The ZEUS vertex detector: design and prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 305, 30-38.	1.6	36
64	Search for neutrinolessÏ„decays:Ï„â†'eÎ³andÏ„â†'Î¼Î³. Physical Review D, 1997, 55, R3919-R3923.	4.7	36
65	The creep problem in the VIRGO suspensions: a possible solution using Maraging steel. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 455-469.	1.6	36
66	Inclusive jet differential cross sections in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 417-432.	4.1	32
67	The maraging-steel blades of the Virgo super attenuator. Measurement Science and Technology, 2000, 11, 467-476.	2.6	31
68	The Virgo 3 km interferometer for gravitational wave detection. Journal of Optics, 2008, 10, 064009.	1.5	31
69	Initial study of deep inelastic scattering with ZEUS at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 183-197.	4.1	30
70	Inclusive decaysBâ†'DXandBâ†'D*X. Physical Review D, 1997, 56, 3783-3802.	4.7	30
71	Experimental tests of lepton universality inÏ„decay. Physical Review D, 1997, 55, 2559-2576.	4.7	30
72	The VIRGO large mirrors: a challenge for low loss coatings. Classical and Quantum Gravity, 2004, 21, S935-S945.	4.0	30

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73	Status and perspectives of the Virgo gravitational wave detector. Journal of Physics: Conference Series, 2010, 203, 012074.	0.4	29
74	Search for gravitational waves associated with GRB 050915a using the Virgo detector. Classical and Quantum Gravity, 2008, 25, 225001.	4.0	28
75	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. Journal of Low Frequency Noise Vibration and Active Control, 2011, 30, 63-79.	2.9	28
76	Measurement of the direct photon spectrum inÎ¥(1S)decays. Physical Review D, 1997, 55, 5273-5281.	4.7	27
77	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
78	Comparison of energy flows in deep inelastic scattering events with and without a large rapidity gap. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 483-496.	4.1	26
79	Observation of hard scattering in photoproduction events with a large rapidity gap at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 399-414.	4.1	25
80	Properties of seismic noise at the Virgo site. Classical and Quantum Gravity, 2004, 21, S433-S440.	4.0	25
81	Study of gluon versus quark fragmentation inÎ¥â†’ggÎ³ande+eâ^'â†'qqÂ¯Î³events ats=10 GeV. Physical Review D, 1997, 56, 17-22.	4.7	23
82	The commissioning of the central interferometer of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 21, 1-22.	4.3	22
83	A local control system for the test masses of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 20, 617-628.	4.3	22
84	The variable finesse locking technique. Classical and Quantum Gravity, 2006, 23, S85-S89.	4.0	22
85	Virgo upgrade investigations. Journal of Physics: Conference Series, 2006, 32, 223-229.	0.4	21
86	Observation of two-jet production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 158-172.	4.1	20
87	Limit on the Two-Photon Production of the Glueball CandidatefJ(2220)at the Cornell Electron Storage Ring. Physical Review Letters, 1997, 79, 3829-3833.	7.8	20
88	Calibration of advanced Virgo and reconstruction of the detector strain h(t) during the observing run O3. Classical and Quantum Gravity, 2022, 39, 045006.	4.0	20
89	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
90	The LAA project. Rivista Del Nuovo Cimento, 1990, 13, 1-131.	5.7	19

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91	Determination of the Michel parameters and the Ï„ neutrino helicity in Ï„ decay. Physical Review D, 1997, 56, 5320-5329.	4.7	19
92	Search for NeutrinolessÏ„Decays InvolvingÏ€0orÎ·Mesons. Physical Review Letters, 1997, 79, 1221-1224.	7.8	19
93	First locking of the Virgo central area interferometer with suspension hierarchical control. Astroparticle Physics, 2004, 20, 629-640.	4.3	19
94	Experimental evidence for an optical spring. Physical Review A, 2006, 74, .	2.5	19
95	Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. Classical and Quantum Gravity, 2007, 24, S671-S679.	4.0	19
96	Analyses ofD+â†'KS0K+andD+â†'KS0Ï€+. Physical Review Letters, 1997, 78, 3261-3265.	7.8	18
97	A Search for NonresonantB+â†'h+hâ^'h+Decays. Physical Review Letters, 1996, 77, 4503-4507.	7.8	16
98	The Virgo automatic alignment system. Classical and Quantum Gravity, 2006, 23, S91-S101.	4.0	16
99	Lock acquisition of the Virgo gravitational wave detector. Astroparticle Physics, 2008, 30, 29-38.	4.3	16
100	Gravitational wave burst search in the Virgo C7 data. Classical and Quantum Gravity, 2009, 26, 085009.	4.0	16
101	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. Journal of Physics: Conference Series, 2008, 120, 032007.	0.4	15
102	Î›Î›Â¯production in two-photon interactions. Physical Review D, 1997, 56, R2485-R2489.	4.7	14
103	New Measurement ofBâ†'D*Ï€Branching Fractions. Physical Review Letters, 1998, 80, 2762-2766.	7.8	14
104	Measurement of the transfer function of the steering filter of the Virgo super attenuator suspension. Review of Scientific Instruments, 2001, 72, 3635-3642.	1.3	14
105	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. Review of Scientific Instruments, 2002, 73, 2143-2149.	1.3	14
106	Monitoring the acoustic emission of the blades of the mirror suspension for a gravitational wave interferometer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 389-397.	2.1	14
107	Low-loss coatings for the VIRGO large mirrors. , 2004, , .		14
108	Chronic intramedullary abscess of the spinal cord. Journal of Neurosurgery, 1970, 33, 352-355.	1.6	13

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109	Performances of an ultralow frequency vertical pre-isolator for the VIRGO seismic attenuation chains. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 420, 316-335.	1.6	13
110	Search for inspiralling binary events in the Virgo Engineering Run data. Classical and Quantum Gravity, 2004, 21, S709-S716.	4.0	13
111	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. Classical and Quantum Gravity, 2007, 24, S491-S499.	4.0	13
112	Measurement of the optical parameters of the Virgo interferometer. Applied Optics, 2007, 46, 3466.	2.1	13
113	In-vacuum optical isolation changes by heating in a Faraday isolator. Applied Optics, 2008, 47, 5853.	2.1	13
114	First joint gravitational wave search by the AURIGAâ€“EXPLORERâ€“NAUTILUSâ€“Virgo Collaboration. Classical and Quantum Gravity, 2008, 25, 205007.	4.0	13
115	Performance of the Virgo interferometer longitudinal control system during the second science run. Astroparticle Physics, 2011, 34, 521-527.	4.3	13
116	A search for excited fermions in electron-proton collisions at HERA. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1995, 65, 627-647.	1.5	12
117	Measurement of the branching ratios for the decays ofDs+toÎ·Ï€+,Î·â€²Ï€+,Î·Ï•,andÎ·â€²Ï•. Physical Review D, 1998, 58, .	3.7	12
118	The NoEMi (Noise Frequency Event Miner) framework. Journal of Physics: Conference Series, 2012, 363, 012037.	0.4	12
119	Experimental study of hydrogen embrittlement in Maraging steels. Procedia Structural Integrity, 2018, 8, 501-508.	0.8	12
120	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	4.3	11
121	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. Classical and Quantum Gravity, 2013, 30, 055017.	4.0	11
122	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. Classical and Quantum Gravity, 2007, 24, S617-S625.	4.0	10
123	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. Classical and Quantum Gravity, 2009, 26, 204002.	4.0	10
124	Reconstruction of the gravitational wave signal h (t) during the Virgo science runs and independent validation with a photon calibrator. Classical and Quantum Gravity, 2014, 31, 165013.	4.0	10
125	Search forBâ†'Î¼Î½Â¯Î¼Î³andBâ†'eÎ½Â¯eÎ³. Physical Review D, 1997, 56, 11-16.	4.7	9
126	First Observation of InclusiveBDecays to the Charmed Strange BaryonsÎžc0andÎžc+. Physical Review Letters, 1997, 79, 3599-3603.	7.8	9

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127	Status of VIRGO. Classical and Quantum Gravity, 2003, 20, S609-S616.	4.0	9
128	Analysis of noise lines in the Virgo C7 data. Classical and Quantum Gravity, 2007, 24, S433-S443.	4.0	9
129	Status of coalescing binaries search activities in Virgo. Classical and Quantum Gravity, 2007, 24, 5767-5775.	4.0	9
130	Status of Advanced Virgo. EPJ Web of Conferences, 2018, 182, 02003.	0.3	9
131	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
132	Advanced Virgo Status. Journal of Physics: Conference Series, 2020, 1342, 012010.	0.4	9
133	New upper limit on the decayÎ·â†'e+eâ^'. Physical Review D, 1997, 56, 5359-5365.	4.7	8
134	A Measurement of the Michel Parameters in Leptonic Decays of the Tau. Physical Review Letters, 1997, 78, 4686-4690.	7.8	8
135	Noise studies during the first Virgo science run and after. Classical and Quantum Gravity, 2008, 25, 184003.	4.0	8
136	Laser with an in-loop relative frequency stability of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1.0</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mrow><mml:mn>10</mml:mn></m a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .	2.5	8
137	Virgo calibration and reconstruction of the gravitationnal wave strain during VSR1. Journal of Physics: Conference Series, 2010, 228, 012015.	0.4	8
138	In-vacuum Faraday isolation remote tuning. Applied Optics, 2010, 49, 4780.	2.1	8
139	A state observer for the Virgo inverted pendulum. Review of Scientific Instruments, 2011, 82, 094502.	1.3	8
140	Seismic isolation by mechanical filters at very low frequencies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 480-483.	1.6	7
141	Data analysis methods for non-Gaussian, nonstationary and nonlinear features and their application to VIRGO. Classical and Quantum Gravity, 2003, 20, S915-S924.	4.0	7
142	NAP: a tool for noise data analysis. Application to Virgo engineering runs. Classical and Quantum Gravity, 2005, 22, S1041-S1049.	4.0	7
143	The status of coalescing binaries search code in Virgo, and the analysis of C5 data. Classical and Quantum Gravity, 2006, 23, S187-S196.	4.0	7
144	The Virgo interferometric gravitational antenna. Optics and Lasers in Engineering, 2007, 45, 478-487.	3.8	7

#	Article	IF	Citations
145	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. IEEE Transactions on Nuclear Science, 2008, 55, 302-310.	2.0	7
146	Hadron distributions in the final state of DIS at HERA. Il Nuovo Cimento A, 1993, 106, 547-560.	0.2	6
147	Search for the DecaysB0â†'D(*)+D(*)â^'. Physical Review Letters, 1997, 79, 799-803.	7.8	6
148	Observation of the DecayDs+â†'Ï‰Ï€+. Physical Review Letters, 1997, 79, 1436-1440.	7.8	6
149	Studies of the Cabibbo-suppressed decays D+ â†' Ï€0â„“+Î½ and D+ â†' Î·e+Î½e. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 373-378.	4.1	6
150	Status report of the low frequency facility experiment, Virgo R&D. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 318, 199-204.	2.1	6
151	The low frequency facility Fabryâ€"Perot cavity used as a speed-meter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 316, 1-9.	2.1	6
152	A simple line detection algorithm applied to Virgo data. Classical and Quantum Gravity, 2005, 22, S1189-S1196.	4.0	6
153	Automatic Alignment system during the second science run of the Virgo interferometer. Astroparticle Physics, 2011, 34, 327-332.	4.3	6
154	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	1.5	6
155	Study of the B0 semileptonic decay spectrum at the Ï' (4S) resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 321-328.	4.1	5
156	Results of the Virgo central interferometer commissioning. Classical and Quantum Gravity, 2004, 21, S395-S402.	4.0	5
157	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. Classical and Quantum Gravity, 2004, 21, S425-S432.	4.0	5
158	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	4.0	5
159	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1985-1995.	4.7	5
160	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. IEEE Transactions on Nuclear Science, 2008, 55, 225-232.	2.0	5
161	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	4.0	5
162	The Maraging steel blades of the Virgo Super Attenuator. AIP Conference Proceedings, 2000, , .	0.4	4

#	Article	IF	Citations
163	Elastic and anelastic properties of Marval 18 steel. Journal of Alloys and Compounds, 2000, 310, 400-404.	5.5	4
164	First results of the low frequency facility experiment. Classical and Quantum Gravity, 2004, 21, S1099-S1106.	4.0	4
165	Sensitivity of the Low Frequency Facility experiment around 10ÂHz. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 322, 1-9.	2.1	4
166	A first study of environmental noise coupling to the Virgo interferometer. Classical and Quantum Gravity, 2005, 22, S1069-S1077.	4.0	4
167	Environmental noise studies in Virgo. Journal of Physics: Conference Series, 2006, 32, 80-88.	0.4	4
168	Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. Classical and Quantum Gravity, 2007, 24, S415-S422.	4.0	4
169	Control of the laser frequency of the Virgo gravitational wave interferometer with an in-loop relative frequency stability of 1.0 Ã— 10â˜’21 on a 100 ms time scale. , 2009, , .		4
170	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. International Journal of Modern Physics D, 2011, 20, 2075-2079.	2.1	4
171	Status of the low frequency facility experiment. Classical and Quantum Gravity, 2002, 19, 1675-1682.	4.0	3
172	Status of Virgo. Journal of Physics: Conference Series, 2006, 39, 32-35.	0.4	3
173	Considerations on collected data with the Low Frequency Facility experiment. Journal of Physics: Conference Series, 2006, 32, 346-352.	0.4	3
174	Testing Virgo burst detection tools on commissioning run data. Classical and Quantum Gravity, 2006, 23, S197-S205.	4.0	3
175	A cryogenic payload for the 3rd generation of gravitational wave interferometers. Astroparticle Physics, 2011, 35, 67-75.	4.3	3
176	Publisherâ€™s Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D81, 102001 (2010)]. Physical Review D, 2012, 85, .	4.7	3
177	A vertical accelerometer for cryogenics implementation in third-generation gravitational-wave detectors. Measurement Science and Technology, 2014, 25, 015103.	2.6	3
178	Towards ponderomotive squeezing with SIPS experiment. Physica Scripta, 2021, 96, 114007.	2.5	3
179	Energy and scale dependence of heavy-quark production in QCD. Il Nuovo Cimento A, 1994, 107, 901-919.	0.2	2
180	Intrinsic charm in pp and Î³p interactions. Il Nuovo Cimento A, 1994, 107, 955-988.	0.2	2

#	Article	IF	Citations
181	Î½Ï„helicity fromhÂ±energy correlations. Physical Review D, 1997, 55, 7291-7295.	4.7	2
182	Virgo and the worldwide search for gravitational waves. AIP Conference Proceedings, 2005, , .	0.4	2
183	Virgo status and commissioning results. Classical and Quantum Gravity, 2005, 22, S185-S191.	4.0	2
184	Experimental upper limit on the estimated thermal noise at low frequencies in a gravitational wave detector. Physical Review D, 2007, 76, .	4.7	2
185	Noise monitor tools and their application to Virgo data. Journal of Physics: Conference Series, 2012, 363, 012024.	0.4	2
186	Publisherâ€™s Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D82, 102001 (2010)]. Physical Review D, 2012, 85, .	4.7	2
187	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. , 2018, 21, 1.		2
188	The ZEUS vertex and forward muon detectors readout electronics. Nuclear Physics, Section B, Proceedings Supplements, 1993, 32, 506-512.	0.4	1
189	AcoplanarDi-leptons andMixed events on the basis of two supergravity model predictions. Il Nuovo Cimento A, 1993, 106, 1389-1426.	0.2	1
190	Status and noise limit of the VIRGO antenna. , 1998, , .		1
191	A first test of a sine-Hough method for the detection of pulsars in binary systems using the E4 Virgo engineering run data. Classical and Quantum Gravity, 2004, 21, S717-S727.	4.0	1
192	Methods of gravitational wave detection in the VIRGO Interferometer. , 2007, , .		1
193	The Real-time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. , 2007, , .		1
194	Status of the commissioning of the Virgo interferometer. , 2012, , .		1
195	Multi-jet rates in deep inelastic scattering and in e+eâ^’ annihilation. Il Nuovo Cimento A, 1993, 106, 691-704.	0.2	0
196	Monte carlo simulations for leading proton production in deep inelastic scattering. Il Nuovo Cimento A, 1994, 107, 921-942.	0.2	0
197	Normal/independent noise in VIRGO data. Classical and Quantum Gravity, 2006, 23, S829-S836.	4.0	0
198	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. Classical and Quantum Gravity, 2008, 25, 114046.	4.0	0

#	Article	IF	Citations
199	Preliminary results on the cryogenic payload for the 3rd generation g.w. interferometers. Journal of Physics: Conference Series, 2010, 228, 012030.	0.4	0
200	Tools for noise characterization in Virgo. Journal of Physics: Conference Series, 2010, 243, 012004.	0.4	0
201	Publisherâ€™s Note: Search for gravitational waves from binary black hole inspiral, merger, and ringdown [Phys. Rev. D83, 122005 (2011)]. Physical Review D, 2012, 85, .	4.7	0
202	STATUS OF THE VIRGO EXPERIMENT. , 2004, , .		0
203	An Introduction to the Virgo Suspension System. Astrophysics and Space Science Library, 2014, , 193-223.	2.7	0
204	Advanced Virgo Status. , 2017, , .		0