

Filippo Martelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8981930/publications.pdf>

Version: 2024-02-01

157
papers

7,592
citations

101543

36
h-index

54911

84
g-index

158
all docs

158
docs citations

158
times ranked

8349
citing authors

#	ARTICLE	IF	CITATIONS
1	and Mechanical Properties of Ion-Beam-Sputtered MgF_2 Thin Films Thin Solid Films, 2019, 672, 107-113.	3.8	4
2	The advanced Virgo longitudinal control system for the O2 observing run. Astroparticle Physics, 2020, 116, 102386.	4.3	9
3	Mode-dependent mechanical losses in disc resonators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2165-2173.	2.1	21
4	Status of the Advanced Virgo gravitational wave detector. International Journal of Modern Physics A, 2017, 32, 1744003.	1.5	6
5	The Advanced Virgo detector. Journal of Physics: Conference Series, 2015, 610, 012014.	0.4	27
6	Advanced Virgo: a second-generation interferometric gravitational wave detector. Classical and Quantum Gravity, 2015, 32, 024001.	4.0	2,530
7	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
8	A precision measurement of charm dimuon production in neutrino interactions from the NOMAD experiment. Nuclear Physics B, 2013, 876, 339-375.	2.5	59
9	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
10	A tool for measuring the bending length in thin wires. Review of Scientific Instruments, 2013, 84, 033904.	1.3	2
11	Characterization of the Virgo seismic environment. Classical and Quantum Gravity, 2012, 29, 025005.	4.0	5
12	Virgo: a laser interferometer to detect gravitational waves. Journal of Instrumentation, 2012, 7, P03012-P03012.	1.2	257
13	A search for single photon events in neutrino interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 268-275.	4.1	26
14	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. International Journal of Modern Physics D, 2011, 20, 2075-2079.	2.1	4
15	Silica as a key material for advanced gravitational wave detectors. Journal of Non-Crystalline Solids, 2011, 357, 2005-2009.	3.1	5
16	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
17	Automatic Alignment system during the second science run of the Virgo interferometer. Astroparticle Physics, 2011, 34, 327-332.	4.3	6
18	Performance of the Virgo interferometer longitudinal control system during the second science run. Astroparticle Physics, 2011, 34, 521-527.	4.3	13

#	ARTICLE	IF	CITATIONS
19	Calibration and sensitivity of the Virgo detector during its second science run. Classical and Quantum Gravity, 2011, 28, 025005.	4.0	85
20	A state observer for the Virgo inverted pendulum. Review of Scientific Instruments, 2011, 82, 094502.	1.3	8
21	Status of the Virgo project. Classical and Quantum Gravity, 2011, 28, 114002.	4.0	171
22	The dynamics of monolithic suspensions for advanced detectors: A 3-segment model. Journal of Physics: Conference Series, 2010, 228, 012017.	0.4	7
23	Status and perspectives of the Virgo gravitational wave detector. Journal of Physics: Conference Series, 2010, 203, 012074.	0.4	29
24	Measurements of Superattenuator seismic isolation by Virgo interferometer. Astroparticle Physics, 2010, 33, 182-189.	4.3	62
25	Automatic Alignment for the first science run of the Virgo interferometer. Astroparticle Physics, 2010, 33, 131-139.	4.3	11
26	Noise from scattered light in Virgo's second science run data. Classical and Quantum Gravity, 2010, 27, 194011.	4.0	59
27	Mechanical characterization of SiO_2 single-layer-coated and Ta_2O_5 -single-layer-coated SiO_2 substrates: results from GeNS suspension, and the CoaCh project. Classical and Quantum Gravity, 2010, 27, 084031.	4.0	8
28	In-vacuum Faraday isolation remote tuning. Applied Optics, 2010, 49, 4780.	2.1	8
29	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
30	A ω -gentle-nodal suspension for measurements of the acoustic attenuation in materials. Review of Scientific Instruments, 2009, 80, 053904.	1.3	60
31	Laser with an in-loop relative frequency stability of 1.0×10^{-15} over a 100-ms time scale for gravitational-wave detection. Physical Review A, 2009, 79, .	2.5	8
32	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. Classical and Quantum Gravity, 2009, 26, 204002.	4.0	10
33	Gravitational wave burst search in the Virgo C7 data. Classical and Quantum Gravity, 2009, 26, 085009.	4.0	16
34	Precise measurement of the α particle production in neutrino neutral current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 177-184.	4.1	55
35	A measurement of coherent neutral pion production in neutrino neutral current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 177-184.	4.1	29
36	A study of quasi-elastic muon neutrino and antineutrino scattering in the NOMAD experiment. European Physical Journal C, 2009, 63, 355-381.	3.9	193

#	ARTICLE	IF	CITATIONS
37	First observation and measurement of the decay $K \rightarrow \pi^0 \nu \bar{\nu}$. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	4.1	15
38	A precise measurement of the muon neutrino-nucleon inclusive charged current cross section off an isoscalar target in the energy range $2.5 < E_{\nu} < 17.2$ GeV by NOMAD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 660, 19-25.	4.1	73
39	New high statistics measurement of K_{e4} decay form factors and $\pi\pi$ scattering phase shifts. <i>European Physical Journal C</i> , 2008, 54, 411.	3.9	98
40	In-vacuum optical isolation changes by heating in a Faraday isolator. <i>Applied Optics</i> , 2008, 47, 5853.	2.1	13
41	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 302-310.	2.0	7
42	First joint gravitational wave search by the AURIGA-EXPLORER-NAUTILUS-Virgo Collaboration. <i>Classical and Quantum Gravity</i> , 2008, 25, 205007.	4.0	13
43	The Virgo 3 km interferometer for gravitational wave detection. <i>Journal of Optics</i> , 2008, 10, 064009.	1.5	31
44	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. <i>Classical and Quantum Gravity</i> , 2008, 25, 114046.	4.0	0
45	Search for gravitational waves associated with GRB 050915a using the Virgo detector. <i>Classical and Quantum Gravity</i> , 2008, 25, 225001.	4.0	28
46	Status of Virgo. <i>Classical and Quantum Gravity</i> , 2008, 25, 114045.	4.0	148
47	Virgo status. <i>Classical and Quantum Gravity</i> , 2008, 25, 184001.	4.0	116
48	Noise studies during the first Virgo science run and after. <i>Classical and Quantum Gravity</i> , 2008, 25, 184003.	4.0	8
49	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 225-232.	2.0	5
50	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. <i>Journal of Physics: Conference Series</i> , 2008, 120, 032007.	0.4	15
51	Methods of gravitational wave detection in the VIRGO Interferometer. , 2007, , .		1
52	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2007, 24, S617-S625.	4.0	10
53	Gravitational waves by gamma-ray bursts and the Virgo detector: the case of GRB 050915a. <i>Classical and Quantum Gravity</i> , 2007, 24, S671-S679.	4.0	19
54	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. <i>Classical and Quantum Gravity</i> , 2007, 24, S491-S499.	4.0	13

#	ARTICLE	IF	CITATIONS
55	Analysis of noise lines in the Virgo C7 data. Classical and Quantum Gravity, 2007, 24, S433-S443.	4.0	9
56	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
57	Status of Virgo detector. Classical and Quantum Gravity, 2007, 24, S381-S388.	4.0	56
58	Status of coalescing binaries search activities in Virgo. Classical and Quantum Gravity, 2007, 24, 5767-5775.	4.0	9
59	Measurement of the optical parameters of the Virgo interferometer. Applied Optics, 2007, 46, 3466.	2.1	13
60	The Virgo interferometric gravitational antenna. Optics and Lasers in Engineering, 2007, 45, 478-487.	3.8	7
61	The beam and detector for the NA48 neutral kaon CP violation experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Measurement of the ratio $\frac{B}{D}$. $\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	1.6	174
62	$\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	4.1	19
63	$\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	4.1	12
64	Determination of the relative decay rate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 145-150.	4.1	6
65	Search for the exotic \tilde{T}^+ resonance in the NOMAD experiment. European Physical Journal C, 2007, 49, 499-510.	3.9	8
66	Measurements of charged kaon semileptonic decay branching fractions $K^{\pm} \rightarrow \pi^0 \ell^{\pm} \nu_{\ell}$ and $K^{\pm} \rightarrow \rho^0 \ell^{\pm} \nu_{\ell}$ and their ratio. European Physical Journal C, 2007, 50, 329-340.	3.9	19
67	Search for direct CP violating charge asymmetries in $K^{\pm} \rightarrow \pi^0 \ell^{\pm} \nu_{\ell}$ and $K^{\pm} \rightarrow \rho^0 \ell^{\pm} \nu_{\ell}$ decays. European Physical Journal C, 2007, 52, 875-891.	3.9	89
68	Status of Virgo. Journal of Physics: Conference Series, 2006, 39, 32-35.	0.4	3
69	Observation of a cusp-like structure in the $\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	4.1	119
70	Search for direct CP violation in the decays $\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	4.1	11
71	$\langle \text{mm:math altimg="si1.gif" overflow="scroll"} \rangle$	4.1	11
72	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1985-1995.	4.7	5

#	ARTICLE	IF	CITATIONS
73	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
74	Normal/independent noise in VIRGO data. Classical and Quantum Gravity, 2006, 23, S829-S836.	4.0	0
75	The variable finesse locking technique. Classical and Quantum Gravity, 2006, 23, S85-S89.	4.0	22
76	The Virgo automatic alignment system. Classical and Quantum Gravity, 2006, 23, S91-S101.	4.0	16
77	Measurement of the thermoelastic properties of crystalline Si fibres. Classical and Quantum Gravity, 2006, 23, S277-S285.	4.0	5
78	The status of VIRGO. Classical and Quantum Gravity, 2006, 23, S63-S69.	4.0	83
79	Testing Virgo burst detection tools on commissioning run data. Classical and Quantum Gravity, 2006, 23, S197-S205.	4.0	3
80	First characterization of silicon crystalline fibers produced with the $\frac{1}{4}$ -pulling technique for future gravitational wave detectors. Review of Scientific Instruments, 2006, 77, 044502.	1.3	15
81	The Virgo status. Classical and Quantum Gravity, 2006, 23, S635-S642.	4.0	179
82	Measurement of the radiative $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" xmlns:si="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" low="scroll" xmlns:xoc="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" low="scroll" xmlns:co="http://www.elsevier.com/xml/co$	4.1	7
83	Measurement of the CP-conserving component of the decay $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" low="scroll" xmlns:co="http://www.elsevier.com/xml/co$	4.1	15
84	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. Astroparticle Physics, 2005, 23, 557-565.	4.1	5
85	A simple line detection algorithm applied to Virgo data. Classical and Quantum Gravity, 2005, 22, S1189-S1196.	4.3	79
86	A first study of environmental noise coupling to the Virgo interferometer. Classical and Quantum Gravity, 2005, 22, S1069-S1077.	4.0	6
87	Virgo status and commissioning results. Classical and Quantum Gravity, 2005, 22, S185-S191.	4.0	4
88	NAP: a tool for noise data analysis. Application to Virgo engineering runs. Classical and Quantum Gravity, 2005, 22, S1041-S1049.	4.0	2
89	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	4.0	7
90	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. Classical and Quantum Gravity, 2005, 22, S1139-S1148.	4.0	5

#	ARTICLE	IF	CITATIONS
91	Search for inspiralling binary events in the Virgo Engineering Run data. Classical and Quantum Gravity, 2004, 21, S709-S716.	4.0	13
92	The VIRGO large mirrors: a challenge for low loss coatings. Classical and Quantum Gravity, 2004, 21, S935-S945.	4.0	30
93	Status of VIRGO. Classical and Quantum Gravity, 2004, 21, S385-S394.	4.0	89
94	Results of the Virgo central interferometer commissioning. Classical and Quantum Gravity, 2004, 21, S395-S402.	4.0	5
95	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. Classical and Quantum Gravity, 2004, 21, S425-S432.	4.0	5
96	Properties of seismic noise at the Virgo site. Classical and Quantum Gravity, 2004, 21, S433-S440.	4.0	25
97	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
98	First observation of the $K_S \rightarrow \ell \ell^* \ell^3$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 276-284.	4.1	9
99	Measurement of the $\tilde{B}_d \rightarrow \ell \ell^* \ell^3$ decay asymmetry and branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 584, 251-259.	4.1	7
100	Measurement of the branching ratio and form factors for the decay $K_L \rightarrow \ell^+ \ell^- e^+ e^- (\ell^+ \ell^-, e)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 75-85.	4.1	4
101	Measurement of χ_{min}^2 for the decay $K_L \rightarrow \ell^+ \ell^- e^+ e^- (\ell^+ \ell^-, e)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 75-85.	4.1	35
102	Measurement of the branching ratio of the decay and extraction of the CKM parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 41-51.	4.1	35
103	Measurement of the branching ratio of the decay and extraction of the CKM parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 41-51.	4.1	49
104	First locking of the Virgo central area interferometer with suspension hierarchical control. Astroparticle Physics, 2004, 20, 629-640.	4.3	19
105	The commissioning of the central interferometer of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 21, 1-22.	4.3	22
106	A local control system for the test masses of the Virgo gravitational wave detector. Astroparticle Physics, 2004, 20, 617-628.	4.3	22
107	Bose-Einstein correlations in charged current muon-neutrino interactions in the NOMAD experiment at CERN. Nuclear Physics B, 2004, 686, 3-28.	2.5	3
108	A study of strange particles produced in neutrino neutral current interactions in the NOMAD experiment. Nuclear Physics B, 2004, 700, 51-68.	2.5	8

#	ARTICLE	IF	CITATIONS
109	Search for $\hat{1}/2\hat{1}/4\hat{a}\hat{t}\hat{1}/2e$ oscillations in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 570, 19-31.	4.1	163
110	Observation of the rare decay $KS\hat{a}\hat{t}\hat{1}\hat{0}e+e\hat{a}\hat{t}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 43-54.	4.1	46
111	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
112	Prediction of neutrino fluxes in the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 800-828.	1.6	49
113	Precise measurements of the $KS\hat{a}\hat{t}\hat{1}\hat{3}\hat{1}\hat{3}$ and $KL\hat{a}\hat{t}\hat{1}\hat{3}\hat{1}\hat{3}$ decay rates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 7-15.	4.1	20
114	Status of VIRGO. Classical and Quantum Gravity, 2003, 20, S609-S616.	4.0	9
115	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
116	Testing the performance of a blind burst statistic. Classical and Quantum Gravity, 2003, 20, S821-S828.	4.0	1
117	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. Review of Scientific Instruments, 2002, 73, 2143-2149.	1.3	14
118	Status of the low frequency facility experiment. Classical and Quantum Gravity, 2002, 19, 1675-1682.	4.0	3
119	The present status of the VIRGO Central Interferometer*. Classical and Quantum Gravity, 2002, 19, 1421-1428.	4.0	85
120	A study of strange particle production in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2002, 621, 3-34.	2.5	28
121	New results on a search for a 33.9 MeV/c ² neutral particle from $\hat{1}\hat{0}+$ decay in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 23-28.	4.1	10
122	Study of $D\hat{a}\hat{t}\hat{1}\hat{0}+$ production in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 278-286.	4.1	16
123	New measurements of the $\hat{1}$ - and $K\hat{0}$ masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 196-206.	4.1	25
124	A measurement of the KS lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 537, 28-40.	4.1	12
125	A precision measurement of direct CP violation in the decay of neutral kaons into two pions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 97-112.	4.1	179
126	Inclusive production of $\hat{1}\hat{0}(770)$, $f\hat{0}(980)$ and $f\hat{2}(1270)$ mesons in $\hat{1}/2\hat{1}/4$ charged current interactions. Nuclear Physics B, 2001, 601, 3-23.	2.5	16

#	ARTICLE	IF	CITATIONS
127	Measurement of the polarization in $\hat{1}/2\hat{1}/4$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2001, 605, 3-14.	2.5	36
128	A study of backward going p and $\hat{1}\hat{e}\hat{a}^{\prime}$ in interactions with the NOMAD detector. Nuclear Physics B, 2001, 609, 255-279.	2.5	15
129	Final NOMAD results on $\hat{1}/2\hat{1}/4\hat{a}^{\prime}\hat{1}/2\hat{1}$, and $\hat{1}/2\hat{e}\hat{a}^{\prime}\hat{1}/2\hat{1}$, oscillations including a new search for $\hat{1}/2\hat{1}$, appearance using hadronic $\hat{1}$, decays. Nuclear Physics B, 2001, 611, 3-39.	2.5	117
130	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	4.1	102
131	Search for eV (pseudo)scalar penetrating particles in the SPS neutrino beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 371-380.	4.1	19
132	Updated results from the $\hat{1}/2\hat{1}$, appearance search in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 387-404.	4.1	18
133	Neutrino production of opposite sign dimuons in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 35-48.	4.1	44
134	A new measurement of the branching ratio of $KS\hat{a}^{\prime}\hat{A}\hat{1}^3$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 29-35.	4.1	6
135	Limit on $\hat{1}/2\hat{e}\hat{a}^{\prime}\hat{1}/2\hat{1}$, oscillations from the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 406-410.	4.1	11
136	Measurement of the polarization in charged current interactions in the NOMAD experiment. Nuclear Physics B, 2000, 588, 3-36.	2.5	75
137	Is the solar neutrino deficit energy-dependent?. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 351-353.	0.4	0
138	First results of muon energy spectrum studies with big liquid-argon spectrometer BARS. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 327-329.	0.4	0
139	Precision measurement of scaled momentum, charge multiplicity, and thrust in $\hat{1}/2\hat{1}/4N$ and interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 439-448.	4.1	10
140	A more sensitive search for $\hat{1}/2\hat{1}/4\hat{a}^{\prime}\hat{1}/2\hat{1}$, oscillations in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 169-186.	4.1	33
141	Parameterization of e and $\hat{1}^3$ initiated showers in the NOMAD lead-glass calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 188-209.	1.6	12
142	Use of the big liquid argon spectrometer BARS for neutrino and cosmic-ray studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 596-601.	1.6	5
143	Search for a new gauge boson in $\hat{1}\hat{e}0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 197-205.	4.1	35
144	Study of vector mesons in dimuon production in a large kinematic region in p-W and S-W interactions at 200 GeV/c/nucleon. European Physical Journal C, 1998, 5, 63-75.	3.9	3

#	ARTICLE	IF	CITATIONS
145	The NOMAD experiment at the CERN SPS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 96-128.	1.6	157
146	A study of the transverse fluctuations of hadronic showers in the NOMAD electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 285-303.	1.6	23
147	Is the solar neutrino deficit energy-dependent?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 314-316.	4.1	7
148	A search for $\nu_e \rightarrow \nu_\mu$ oscillations using the NOMAD detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 219-236.	4.1	51
149	Study of vector mesons in dimuon production in a large kinematic region in $p\bar{p}$ and $S\bar{S}$ interactions at 200 GeV/c/nucleon. European Physical Journal C, 1998, 5, 63.	3.9	10
150	Test beam performance of the electromagnetic calorimeter of the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 387, 352-364.	1.6	21
151	A complete solution to neutrino mixing. Astroparticle Physics, 1996, 5, 147-157.	4.3	24
152	A study of electron-muon pair production in 450 GeV/c pBe collisions. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 429-436.	1.5	4
153	A high stability light emitting diode system for monitoring lead glass electromagnetic calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 372, 556-561.	1.6	16
154	Low-mass lepton-pair production in p-Be collisions at 450 GeV/c. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 47-64.	1.5	40
155	Kaon production in 200 GeV/nucleon nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 296, 273-278.	4.1	9
156	Inclusive photon production in pA and AA collisions at 200 GeV/u. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 369-375.	1.5	20
157	Charged-particle multiplicity distributions in oxygen-nucleus collisions at 60 and 200 GeV per nucleon. Nuclear Physics B, 1990, 333, 48-65.	2.5	19