

Francesco Fidecaro

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.

388
papers

40,134
citations

79
h-index

195
g-index

406
ext. papers

47,506
ext. citations

4.4
avg, IF

4.99
L-index

#	Paper	IF	Citations
388	Calibration of advanced Virgo and reconstruction of the detector strain $h(t)$ during the observing run O3. <i>Classical and Quantum Gravity</i> , 2022 , 39, 045006	3.3	2
387	Source characterization guidelines for noise mapping of port areas.. <i>Heliyon</i> , 2022 , 8, e09021	3.6	4
386	Evidence of negative thermal expansion in supercooled tantalum. <i>Journal of Non-Crystalline Solids</i> , 2021 , 577, 121308	3.9	
385	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021 , 909, 218	4.7	46
384	Diving below the Spin-down Limit: Constraints on Gravitational Waves from the Energetic Young Pulsar PSR J0537-6910. <i>Astrophysical Journal Letters</i> , 2021 , 913, L27	7.9	13
383	Population Properties of Compact Objects from the Second LIGO/Virgo Gravitational-Wave Transient Catalog. <i>Astrophysical Journal Letters</i> , 2021 , 913, L7	7.9	194
382	Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo. <i>SoftwareX</i> , 2021 , 13, 100658	2.7	96
381	Classification of Noise Sources for Port Area Noise Mapping. <i>Environments - MDPI</i> , 2021 , 8, 12	3.2	10
380	Parameters Affecting Noise Emitted by Ships Moving in Port Areas. <i>Sustainability</i> , 2020 , 12, 8742	3.6	14
379	GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object. <i>Astrophysical Journal Letters</i> , 2020 , 896, L44	7.9	571
378	GW190425: Observation of a Compact Binary Coalescence with Total Mass $\sim 3.4 M_{\odot}$. <i>Astrophysical Journal Letters</i> , 2020 , 892, L3	7.9	591
377	Pass-by Characterization of Noise Emitted by Different Categories of Seagoing Ships in Ports. <i>Sustainability</i> , 2020 , 12, 1740	3.6	29
376	Port Noise and Complaints in the North Tyrrhenian Sea and Framework for Remediation. <i>Environments - MDPI</i> , 2020 , 7, 17	3.2	20
375	Stabilization of a - Sensor Mounted on a Vehicle for Measuring the Acoustic Impedance of Road Surfaces. <i>Sensors</i> , 2020 , 20,	3.8	23
374	Advanced Virgo Status. <i>Journal of Physics: Conference Series</i> , 2020 , 1342, 012010	0.3	8
373	Properties and Astrophysical Implications of the $150 M_{\odot}$ Binary Black Hole Merger GW190521. <i>Astrophysical Journal Letters</i> , 2020 , 900, L13	7.9	207
372	Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars. <i>Astrophysical Journal Letters</i> , 2020 , 902, L21	7.9	32

371	Non-local cooperative atomic motions that govern dissipation in amorphous tantalum unveiled by dynamical mechanical spectroscopy. <i>Acta Materialia</i> , 2020 , 201, 1-6	8.4	0
370	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2020 , 23, 3	32.5	144
369	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020 , 893, 100	4.7	9
368	GW190521: A Binary Black Hole Merger with a Total Mass of $150 M_{\odot}$. <i>Physical Review Letters</i> , 2020 , 125, 101102	7.4	420
367	Quantum Backaction on kg-Scale Mirrors: Observation of Radiation Pressure Noise in the Advanced Virgo Detector. <i>Physical Review Letters</i> , 2020 , 125, 131101	7.4	17
366	Site-selection criteria for the Einstein Telescope. <i>Review of Scientific Instruments</i> , 2020 , 91, 094504	1.7	18
365	The advanced Virgo longitudinal control system for the O2 observing run. <i>Astroparticle Physics</i> , 2020 , 116, 102386	2.4	7
364	Binary Black Hole Population Properties Inferred from the First and Second Observing Runs of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal Letters</i> , 2019 , 882, L24	7.9	381
363	A Standard Siren Measurement of the Hubble Constant from GW170817 without the Electromagnetic Counterpart. <i>Astrophysical Journal Letters</i> , 2019 , 871, L13	7.9	77
362	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019 , 870, 134	4.7	23
361	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019 , 871, 90	4.7	22
360	Searches for Continuous Gravitational Waves from 15 Supernova Remnants and Fomalhaut b with Advanced LIGO. <i>Astrophysical Journal</i> , 2019 , 875, 122	4.7	45
359	Search for Gravitational Waves from a Long-lived Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal</i> , 2019 , 875, 160	4.7	60
358	First Measurement of the Hubble Constant from a Dark Standard Siren using the Dark Energy Survey Galaxies and the LIGO/Virgo Binary Black-hole Merger GW170814. <i>Astrophysical Journal Letters</i> , 2019 , 876, L7	7.9	91
357	Low-latency Gravitational-wave Alerts for Multimessenger Astronomy during the Second Advanced LIGO and Virgo Observing Run. <i>Astrophysical Journal</i> , 2019 , 875, 161	4.7	49
356	Search for Transient Gravitational-wave Signals Associated with Magnetar Bursts during Advanced LIGO's Second Observing Run. <i>Astrophysical Journal</i> , 2019 , 874, 163	4.7	17
355	Searches for Gravitational Waves from Known Pulsars at Two Harmonics in 2015-2017 LIGO Data. <i>Astrophysical Journal</i> , 2019 , 879, 10	4.7	63
354	Noise Assessment of Small Vessels for Action Planning in Canal Cities. <i>Environments - MDPI</i> , 2019 , 6, 31	3.2	30

353	MR Compatible Power Supply Module for PET Detectors of an Integrated PET/MR System. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019 , 3, 454-464	4.2	0
352	Search for Eccentric Binary Black Hole Mergers with Advanced LIGO and Advanced Virgo during Their First and Second Observing Runs. <i>Astrophysical Journal</i> , 2019 , 883, 149	4.7	36
351	Search for Substellar Mass Ultracompact Binaries in Advanced LIGO's Second Observing Run. <i>Physical Review Letters</i> , 2019 , 123, 161102	7.4	68
350	In silico broadband mechanical spectroscopy of amorphous tantalum. <i>Physical Review Research</i> , 2019 , 1,	3.9	6
349	Increasing the Astrophysical Reach of the Advanced Virgo Detector via the Application of Squeezed Vacuum States of Light. <i>Physical Review Letters</i> , 2019 , 123, 231108	7.4	134
348	Search for Gravitational-wave Signals Associated with Gamma-Ray Bursts during the Second Observing Run of Advanced LIGO and Advanced Virgo. <i>Astrophysical Journal</i> , 2019 , 886, 75	4.7	21
347	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018 , 21, 3	32.5	543
346	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA 2018 , 21, 1		2
345	Search for Substellar-Mass Ultracompact Binaries in Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2018 , 121, 231103	7.4	49
344	GW170817: Measurements of Neutron Star Radii and Equation of State. <i>Physical Review Letters</i> , 2018 , 121, 161101	7.4	867
343	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ during the observing run O2. <i>Classical and Quantum Gravity</i> , 2018 , 35, 205004	3.3	35
342	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , 2018 , 182, 02003	0.3	4
341	Search for Tensor, Vector, and Scalar Polarizations in the Stochastic Gravitational-Wave Background. <i>Physical Review Letters</i> , 2018 , 120, 201102	7.4	60
340	All-sky search for short gravitational-wave bursts in the first Advanced LIGO run. <i>Physical Review D</i> , 2017 , 95,	4.9	54
339	Effects of waveform model systematics on the interpretation of GW150914. <i>Classical and Quantum Gravity</i> , 2017 , 34, 104002	3.3	74
338	Upper Limits on the Stochastic Gravitational-Wave Background from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017 , 118, 121101	7.4	137
337	Directional Limits on Persistent Gravitational Waves from Advanced LIGO's First Observing Run. <i>Physical Review Letters</i> , 2017 , 118, 121102	7.4	65
336	First Search for Gravitational Waves from Known Pulsars with Advanced LIGO. <i>Astrophysical Journal</i> , 2017 , 839, 12	4.7	107

335	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017 , 529, 1600209	2.6	45
334	GW170814: A Three-Detector Observation of Gravitational Waves from a Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2017 , 119, 141101	7.4	1270
333	Upper Limits on Gravitational Waves from Scorpius X-1 from a Model-based Cross-correlation Search in Advanced LIGO Data. <i>Astrophysical Journal</i> , 2017 , 847, 47	4.7	35
332	A gravitational-wave standard siren measurement of the Hubble constant. <i>Nature</i> , 2017 , 551, 85-88	50.4	413
331	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017 , 848, L13	7.9	1614
330	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017 , 841, 89	4.7	42
329	[PP.19.25] INCREASED CENTRAL PRESSURE AUGMENTATION IS ASSOCIATED WITH REDUCED SLEEP DURATION IN INDIVIDUALS EXPOSED TO AIRCRAFT NOISE POLLUTION. <i>Journal of Hypertension</i> , 2017 , 35, e247	1.9	
328	Search for Post-merger Gravitational Waves from the Remnant of the Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 851, L16	7.9	133
327	Estimating the Contribution of Dynamical Ejecta in the Kilonova Associated with GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 850, L39	7.9	127
326	GW170104: Observation of a 50-Solar-Mass Binary Black Hole Coalescence at Redshift 0.2. <i>Physical Review Letters</i> , 2017 , 118, 221101	7.4	1609
325	Search for continuous gravitational waves from neutron stars in globular cluster NGC 6544. <i>Physical Review D</i> , 2017 , 95,	4.9	14
324	Status of the Advanced Virgo gravitational wave detector. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1744003	1.2	5
323	On the Progenitor of Binary Neutron Star Merger GW170817. <i>Astrophysical Journal Letters</i> , 2017 , 850, L40	7.9	50
322	GW170608: Observation of a 19 Solar-mass Binary Black Hole Coalescence. <i>Astrophysical Journal Letters</i> , 2017 , 851, L35	7.9	809
321	Influence of the photon orbital angular momentum on electric dipole transitions: negative experimental evidence. <i>Optics Letters</i> , 2017 , 42, 219-222	3	21
320	LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L13	7.9	183
319	Comprehensive all-sky search for periodic gravitational waves in the sixth science run LIGO data. <i>Physical Review D</i> , 2016 , 94,	4.9	28
318	Prospects for joint observations of gravitational waves and gamma rays from merging neutron star binaries. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 056-056	6.4	21

317	First targeted search for gravitational-wave bursts from core-collapse supernovae in data of first-generation laser interferometer detectors. <i>Physical Review D</i> , 2016 , 94,	4.9	43
316	UPPER LIMITS ON THE RATES OF BINARY NEUTRON STAR AND NEUTRON STARBLACK HOLE MERGERS FROM ADVANCED LIGO'S FIRST OBSERVING RUN. <i>Astrophysical Journal Letters</i> , 2016 , 832, L21	7.9	130
315	Directly comparing GW150914 with numerical solutions of Einstein's equations for binary black hole coalescence. <i>Physical Review D</i> , 2016 , 94,	4.9	76
314	All-sky search for long-duration gravitational wave transients with initial LIGO. <i>Physical Review D</i> , 2016 , 93,	4.9	27
313	Search of the Orion spur for continuous gravitational waves using a loosely coherent algorithm on data from LIGO interferometers. <i>Physical Review D</i> , 2016 , 93,	4.9	14
312	First low frequency all-sky search for continuous gravitational wave signals. <i>Physical Review D</i> , 2016 , 93,	4.9	29
311	GW150914: First results from the search for binary black hole coalescence with Advanced LIGO. <i>Physical Review D</i> , 2016 , 93,	4.9	253
310	Search for transient gravitational waves in coincidence with short-duration radio transients during 2007-2013. <i>Physical Review D</i> , 2016 , 93,	4.9	10
309	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016 , 93,	4.9	80
308	GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes. <i>Physical Review Letters</i> , 2016 , 116, 131102	7.4	188
307	GW150914: The Advanced LIGO Detectors in the Era of First Discoveries. <i>Physical Review Letters</i> , 2016 , 116, 131103	7.4	328
306	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 225, 8	8	38
305	Observing gravitational-wave transient GW150914 with minimal assumptions. <i>Physical Review D</i> , 2016 , 93,	4.9	94
304	Tests of General Relativity with GW150914. <i>Physical Review Letters</i> , 2016 , 116, 221101	7.4	837
303	Properties of the Binary Black Hole Merger GW150914. <i>Physical Review Letters</i> , 2016 , 116, 241102	7.4	515
302	GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence. <i>Physical Review Letters</i> , 2016 , 116, 241103	7.4	2136
301	Binary Black Hole Mergers in the First Advanced LIGO Observing Run. <i>Physical Review X</i> , 2016 , 6,	9.1	723
300	ASTROPHYSICAL IMPLICATIONS OF THE BINARY BLACK HOLE MERGER GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 818, L22	7.9	512

299	The Detection of Gravitational Waves 2016 , 237-278		1
298	Observation of Gravitational Waves from a Binary Black Hole Merger. <i>Physical Review Letters</i> , 2016 , 116, 061102	7.4	6108
297	Studies on the high-energy follow-up of gravitational wave transient events. <i>Journal of Physics: Conference Series</i> , 2016 , 718, 072005	0.3	
296	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016 , 33,	3.3	155
295	SUPPLEMENT: THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914(2016, ApJL, 833, L1). <i>Astrophysical Journal, Supplement Series</i> , 2016 , 227, 14	8	52
294	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. <i>Living Reviews in Relativity</i> , 2016 , 19, 1	32.5	393
293	Improved Analysis of GW150914 Using a Fully Spin-Precessing Waveform Model. <i>Physical Review X</i> , 2016 , 6,	9.1	89
292	THE RATE OF BINARY BLACK HOLE MERGERS INFERRED FROM ADVANCED LIGO OBSERVATIONS SURROUNDING GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 833, L1	7.9	209
291	A procedure for the assessment of wind turbine noise. <i>Applied Acoustics</i> , 2016 , 114, 213-217	3.1	36
290			
289	Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors. <i>Physical Review D</i> , 2015 , 91,	4.9	26
288	Directed search for gravitational waves from Scorpius X-1 with initial LIGO data. <i>Physical Review D</i> , 2015 , 91,	4.9	38
287	Characterization of the LIGO detectors during their sixth science run. <i>Classical and Quantum Gravity</i> , 2015 , 32, 115012	3.3	790
286	The Advanced Virgo detector. <i>Journal of Physics: Conference Series</i> , 2015 , 610, 012014	0.3	18
285	SEARCHES FOR CONTINUOUS GRAVITATIONAL WAVES FROM NINE YOUNG SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2015 , 813, 39	4.7	58
284	Advanced Virgo: a second-generation interferometric gravitational wave detector. <i>Classical and Quantum Gravity</i> , 2015 , 32, 024001	3.3	1567
283	Narrow-band search of continuous gravitational-wave signals from Crab and Vela pulsars in Virgo VSR4 data. <i>Physical Review D</i> , 2015 , 91,	4.9	32
282	Implementation of an F -statistic all-sky search for continuous gravitational waves in Virgo VSR1 data. <i>Classical and Quantum Gravity</i> , 2014 , 31, 165014	3.3	27

281	GRAVITATIONAL WAVES FROM KNOWN PULSARS: RESULTS FROM THE INITIAL DETECTOR ERA. <i>Astrophysical Journal</i> , 2014 , 785, 119	4.7	109
280	Application of a Hough search for continuous gravitational waves on data from the fifth LIGO science run. <i>Classical and Quantum Gravity</i> , 2014 , 31, 085014	3.3	18
279	The NINJA-2 project: detecting and characterizing gravitational waveforms modelled using numerical binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2014 , 31, 115004	3.3	34
278	Search for gravitational wave ringdowns from perturbed intermediate mass black holes in LIGO-Virgo data from 2005-2010. <i>Physical Review D</i> , 2014 , 89,	4.9	26
277	Search for gravitational waves associated with γ bursts detected by the interplanetary network. <i>Physical Review Letters</i> , 2014 , 113, 011102	7.4	30
276	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run. <i>Physical Review D</i> , 2014 , 89,	4.9	32
275	Methods and results of a search for gravitational waves associated with gamma-ray bursts using the GEO 600, LIGO, and Virgo detectors. <i>Physical Review D</i> , 2014 , 89,	4.9	25
274	Reconstruction of the gravitational wave signal $h(t)$ during the Virgo science runs and independent validation with a photon calibrator. <i>Classical and Quantum Gravity</i> , 2014 , 31, 165013	3.3	8
273	FIRST SEARCHES FOR OPTICAL COUNTERPARTS TO GRAVITATIONAL-WAVE CANDIDATE EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2014 , 211, 7	8	51
272	First all-sky search for continuous gravitational waves from unknown sources in binary systems. <i>Physical Review D</i> , 2014 , 90,	4.9	54
271	Constraints on cosmic strings from the LIGO-Virgo gravitational-wave detectors. <i>Physical Review Letters</i> , 2014 , 112, 131101	7.4	59
270	Improved upper limits on the stochastic gravitational-wave background from 2009-2010 LIGO and Virgo data. <i>Physical Review Letters</i> , 2014 , 113, 231101	7.4	74
269	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014 , 90,	4.9	25
268	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
267	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009-2010. <i>Physical Review D</i> , 2013 , 87,	4.9	91
266	Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts. <i>Physical Review D</i> , 2013 , 88,	4.9	30
265	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 008-008	6.4	29
264	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers. <i>Classical and Quantum Gravity</i> , 2013 , 30, 055017	3.3	9

263	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data. <i>Physical Review D</i> , 2013 , 87,	4.9	84
262	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network. <i>Physical Review D</i> , 2013 , 88,	4.9	122
261	Directed search for continuous gravitational waves from the Galactic center. <i>Physical Review D</i> , 2013 , 88,	4.9	57
260	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run. <i>Physical Review D</i> , 2012 , 85,	4.9	96
259	Search for gravitational waves from intermediate mass binary black holes. <i>Physical Review D</i> , 2012 , 85,	4.9	46
258	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz. <i>Physical Review D</i> , 2012 , 85,	4.9	40
257	Search for gravitational waves from low mass compact binary coalescence in LIGO’s sixth science run and Virgo’s science runs 2 and 3. <i>Physical Review D</i> , 2012 , 85,	4.9	172
256	All-sky search for periodic gravitational waves in the full S5 LIGO data. <i>Physical Review D</i> , 2012 , 85,	4.9	61
255	Publisher’s Note: Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1 [Phys. Rev. D 82, 102001 (2010)]. <i>Physical Review D</i> , 2012 , 85,	4.9	2
254	Virgo: a laser interferometer to detect gravitational waves. <i>Journal of Instrumentation</i> , 2012 , 7, P03012–R03012, 12		
253	Scientific objectives of Einstein Telescope. <i>Classical and Quantum Gravity</i> , 2012 , 29, 124013	3.3	256
252	Characterization of the Virgo seismic environment. <i>Classical and Quantum Gravity</i> , 2012 , 29, 025005	3.3	4
251	SWIFT FOLLOW-UP OBSERVATIONS OF CANDIDATE GRAVITATIONAL-WAVE TRANSIENT EVENTS. <i>Astrophysical Journal, Supplement Series</i> , 2012 , 203, 28	8	57
250	The characterization of Virgo data and its impact on gravitational-wave searches. <i>Classical and Quantum Gravity</i> , 2012 , 29, 155002	3.3	59
249	Publisher’s Note: All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run [Phys. Rev. D 81, 102001 (2010)]. <i>Physical Review D</i> , 2012 , 85,	4.9	3
248	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012 , 541, A155	5.1	69
247	SEARCH FOR GRAVITATIONAL WAVES ASSOCIATED WITH GAMMA-RAY BURSTS DURING LIGO SCIENCE RUN 6 AND VIRGO SCIENCE RUNS 2 AND 3. <i>Astrophysical Journal</i> , 2012 , 760, 12	4.7	94
246	The NoEMi (Noise Frequency Event Miner) framework. <i>Journal of Physics: Conference Series</i> , 2012 , 363, 012037	0.3	10

245	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts. <i>Astronomy and Astrophysics</i> , 2012 , 539, A124	5.1	71
244	THE VIRGO INTERFEROMETER FOR GRAVITATIONAL WAVE DETECTION. <i>International Journal of Modern Physics D</i> , 2011 , 20, 2075-2079	2.2	4
243	The Seismic Superattenuators of the Virgo Gravitational Waves Interferometer. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2011 , 30, 63-79	1.5	19
242	SEARCH FOR GRAVITATIONAL WAVE BURSTS FROM SIX MAGNETARS. <i>Astrophysical Journal Letters</i> , 2011 , 734, L35	7.9	47
241	BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE VELA PULSAR. <i>Astrophysical Journal</i> , 2011 , 737, 93	4.7	75
240	Automatic Alignment system during the second science run of the Virgo interferometer. <i>Astroparticle Physics</i> , 2011 , 34, 327-332	2.4	5
239	Performance of the Virgo interferometer longitudinal control system during the second science run. <i>Astroparticle Physics</i> , 2011 , 34, 521-527	2.4	10
238	Search for gravitational waves from binary black hole inspiral, merger, and ringdown. <i>Physical Review D</i> , 2011 , 83,	4.9	77
237	Calibration and sensitivity of the Virgo detector during its second science run. <i>Classical and Quantum Gravity</i> , 2011 , 28, 025005	3.3	83
236	A state observer for the Virgo inverted pendulum. <i>Review of Scientific Instruments</i> , 2011 , 82, 094502	1.7	6
235	Directional limits on persistent gravitational waves using LIGO S5 science data. <i>Physical Review Letters</i> , 2011 , 107, 271102	7.4	85
234	Status of the Virgo project. <i>Classical and Quantum Gravity</i> , 2011 , 28, 114002	3.3	140
233	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. <i>Astrophysical Journal</i> , 2010 , 713, 671-685	4.7	140
232	Noise from scattered light in Virgo's second science run data. <i>Classical and Quantum Gravity</i> , 2010 , 27, 194011	3.3	31
231	Search for gravitational waves from compact binary coalescence in LIGO and Virgo data from S5 and VSR1. <i>Physical Review D</i> , 2010 , 82,	4.9	100
230	In-vacuum Faraday isolation remote tuning. <i>Applied Optics</i> , 2010 , 49, 4780-90	0.2	8
229	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run. <i>Physical Review D</i> , 2010 , 81,	4.9	81
228	Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors. <i>Classical and Quantum Gravity</i> , 2010 , 27, 173001	3.3	869

227	SEARCH FOR GRAVITATIONAL-WAVE INSPIRAL SIGNALS ASSOCIATED WITH SHORT GAMMA-RAY BURSTS DURING LIGO'S FIFTH AND VIRGO'S FIRST SCIENCE RUN. <i>Astrophysical Journal</i> , 2010 , 715, 1453-1461	4.7	79
226	Commissioning status of the Virgo interferometer. <i>Classical and Quantum Gravity</i> , 2010 , 27, 149801	3.3	4
225	Tools for noise characterization in Virgo. <i>Journal of Physics: Conference Series</i> , 2010 , 243, 012004	0.3	
224	Virgo calibration and reconstruction of the gravitational wave strain during VSR1. <i>Journal of Physics: Conference Series</i> , 2010 , 228, 012015	0.3	7
223	Status and perspectives of the Virgo gravitational wave detector. <i>Journal of Physics: Conference Series</i> , 2010 , 203, 012074	0.3	22
222	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. <i>Astrophysical Journal</i> , 2010 , 715, 1438-1452	4.7	54
221	Performances of the Virgo interferometer longitudinal control system. <i>Astroparticle Physics</i> , 2010 , 33, 75-80	2.4	8
220	Measurements of Superattenuator seismic isolation by Virgo interferometer. <i>Astroparticle Physics</i> , 2010 , 33, 182-189	2.4	54
219	Automatic Alignment for the first science run of the Virgo interferometer. <i>Astroparticle Physics</i> , 2010 , 33, 131-139	2.4	10
218	2009 ,		1
217	Laser with an in-loop relative frequency stability of 1.0×10^{-11} on a 100-ms time scale for gravitational-wave detection. <i>Physical Review A</i> , 2009 , 79,	2.6	6
216	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves. <i>Classical and Quantum Gravity</i> , 2009 , 26, 204002	3.3	5
215	Gravitational wave burst search in the Virgo C7 data. <i>Classical and Quantum Gravity</i> , 2009 , 26, 085009	3.3	15
214	An upper limit on the stochastic gravitational-wave background of cosmological origin. <i>Nature</i> , 2009 , 460, 990-4	50.4	267
213	In-vacuum optical isolation changes by heating in a Faraday isolator. <i>Applied Optics</i> , 2008 , 47, 5853-61	0.2	10
212	The Real-Time Distributed Control of the Virgo Interferometric Detector of Gravitational Waves. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 302-310	1.7	4
211	First joint gravitational wave search by the AURIGA-EXPLORER-AUTILUS-Virgo Collaboration. <i>Classical and Quantum Gravity</i> , 2008 , 25, 205007	3.3	11
210	The Virgo 3 km interferometer for gravitational wave detection. <i>Journal of Optics</i> , 2008 , 10, 064009		29

209	A cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo. <i>Classical and Quantum Gravity</i> , 2008 , 25, 114046	3-3	
208	Search for gravitational waves associated with GRB 050915a using the Virgo detector. <i>Classical and Quantum Gravity</i> , 2008 , 25, 225001	3-3	23
207	Status of Virgo. <i>Classical and Quantum Gravity</i> , 2008 , 25, 114045	3-3	115
206	Astrophysically triggered searches for gravitational waves: status and prospects. <i>Classical and Quantum Gravity</i> , 2008 , 25, 114051	3-3	24
205	Virgo status. <i>Classical and Quantum Gravity</i> , 2008 , 25, 184001	3-3	110
204	Noise studies during the first Virgo science run and after. <i>Classical and Quantum Gravity</i> , 2008 , 25, 184003	3-3	6
203	Data Acquisition System of the Virgo Gravitational Waves Interferometric Detector. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 225-232	1-7	3
202	VIRGO: a large interferometer for gravitational wave detection started its first scientific run. <i>Journal of Physics: Conference Series</i> , 2008 , 120, 032007	0-3	15
201	The status of virgo. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 062025	0-3	1
200	Lock acquisition of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , 2008 , 30, 29-38	2-4	13
199	Experimental upper limit on the estimated thermal noise at low frequencies in a gravitational wave detector. <i>Physical Review D</i> , 2007 , 76,	4-9	1
198	The Virgo interferometric gravitational antenna. <i>Optics and Lasers in Engineering</i> , 2007 , 45, 478-487	4-6	7
197	The beam and detector for the NA48 neutral kaon CP violation experiment at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 574, 433-471	1-2	147
196	Improving the timing precision for inspiral signals found by interferometric gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2007 , 24, S617-S625	3-3	10
195	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	3-3	16
194	Coincidence analysis between periodic source candidates in C6 and C7 Virgo data. <i>Classical and Quantum Gravity</i> , 2007 , 24, S491-S499	3-3	13
193	Analysis of noise lines in the Virgo C7 data. <i>Classical and Quantum Gravity</i> , 2007 , 24, S433-S443	3-3	8
192	Data quality studies for burst analysis of Virgo data acquired during Weekly Science Runs. <i>Classical and Quantum Gravity</i> , 2007 , 24, S415-S422	3-3	4

191	Status of Virgo detector. <i>Classical and Quantum Gravity</i> , 2007 , 24, S381-S388	3.3	51
190	Status of coalescing binaries search activities in Virgo. <i>Classical and Quantum Gravity</i> , 2007 , 24, 5767-5775	3.3	8
189	Measurement of the optical parameters of the Virgo interferometer. <i>Applied Optics</i> , 2007 , 46, 3466-84	1.7	12
188	Monolithic folded pendulum accelerometers for seismic monitoring and active isolation systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006 , 44, 273-276	8.1	23
187	Length Sensing and Control in the Virgo Gravitational Wave Interferometer. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2006 , 55, 1985-1995	5.2	3
186	The status of coalescing binaries search code in Virgo, and the analysis of C5 data. <i>Classical and Quantum Gravity</i> , 2006 , 23, S187-S196	3.3	6
185	Normal/independent noise in VIRGO data. <i>Classical and Quantum Gravity</i> , 2006 , 23, S829-S836	3.3	
184	The variable finesse locking technique. <i>Classical and Quantum Gravity</i> , 2006 , 23, S85-S89	3.3	19
183	The Virgo automatic alignment system. <i>Classical and Quantum Gravity</i> , 2006 , 23, S91-S101	3.3	13
182	The status of VIRGO. <i>Classical and Quantum Gravity</i> , 2006 , 23, S63-S69	3.3	79
181	Testing Virgo burst detection tools on commissioning run data. <i>Classical and Quantum Gravity</i> , 2006 , 23, S197-S205	3.3	3
180	The Virgo status. <i>Classical and Quantum Gravity</i> , 2006 , 23, S635-S642	3.3	166
179	Experimental evidence for an optical spring. <i>Physical Review A</i> , 2006 , 74,	2.6	17
178	Status of Virgo. <i>Journal of Physics: Conference Series</i> , 2006 , 39, 32-35	0.3	2
177	Virgo upgrade investigations. <i>Journal of Physics: Conference Series</i> , 2006 , 32, 223-229	0.3	19
176	A parallel in-time analysis system for Virgo.. <i>Journal of Physics: Conference Series</i> , 2006 , 32, 35-43	0.3	
175	Environmental noise studies in Virgo. <i>Journal of Physics: Conference Series</i> , 2006 , 32, 80-88	0.3	3
174	Mechanical design of a single-axis monolithic accelerometer for advanced seismic attenuation systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 556, 616-623	1.2	34

173	Readout system and predicted performance of a low-noise low-frequency horizontal accelerometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 564, 579-586	1.2	7
172	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
171	Interferometric rail roughness measurement at train operational speed. <i>Journal of Sound and Vibration</i> , 2006 , 293, 856-864	3.9	2
170	Measurement of the seismic attenuation performance of the VIRGO Superattenuator. <i>Astroparticle Physics</i> , 2005 , 23, 557-565	2.4	69
169	Virgo and the worldwide search for gravitational waves. <i>AIP Conference Proceedings</i> , 2005 ,	0	2
168	A simple line detection algorithm applied to Virgo data. <i>Classical and Quantum Gravity</i> , 2005 , 22, S1189-S1196	3.3	5
167	A first study of environmental noise coupling to the Virgo interferometer. <i>Classical and Quantum Gravity</i> , 2005 , 22, S1069-S1077	3.3	4
166	Virgo status and commissioning results. <i>Classical and Quantum Gravity</i> , 2005 , 22, S185-S191	3.3	2
165	Status of Virgo. <i>Classical and Quantum Gravity</i> , 2005 , 22, S869-S880	3.3	52
164	NAP: a tool for noise data analysis. Application to Virgo engineering runs. <i>Classical and Quantum Gravity</i> , 2005 , 22, S1041-S1049	3.3	5
163	Testing the detection pipelines for inspirals with Virgo commissioning run C4 data. <i>Classical and Quantum Gravity</i> , 2005 , 22, S1139-S1148	3.3	5
162	Search for inspiralling binary events in the Virgo Engineering Run data. <i>Classical and Quantum Gravity</i> , 2004 , 21, S709-S716	3.3	11
161	First results of the low frequency facility experiment. <i>Classical and Quantum Gravity</i> , 2004 , 21, S1099-S1106	3.3	4
160	The VIRGO large mirrors: a challenge for low loss coatings. <i>Classical and Quantum Gravity</i> , 2004 , 21, S935-S945	3.3	21
159	Status of VIRGO. <i>Classical and Quantum Gravity</i> , 2004 , 21, S385-S394	3.3	87
158	Results of the Virgo central interferometer commissioning. <i>Classical and Quantum Gravity</i> , 2004 , 21, S395-S402	3.3	24
157	The last-stage suspension of the mirrors for the gravitational wave antenna Virgo. <i>Classical and Quantum Gravity</i> , 2004 , 21, S425-S432	3.3	5
156	Properties of seismic noise at the Virgo site. <i>Classical and Quantum Gravity</i> , 2004 , 21, S433-S440	3.3	19

155	A first test of a sine-Hough method for the detection of pulsars in binary systems using the E4 Virgo engineering run data. <i>Classical and Quantum Gravity</i> , 2004 , 21, S717-S727	3.3	1
154	Geometric anti-spring vertical accelerometers for seismic monitoring. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 233-235	1.2	12
153	Sensitivity of the Low Frequency Facility experiment around 10 ⁻⁴ Hz. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 322, 1-9	2.3	4
152	First locking of the Virgo central area interferometer with suspension hierarchical control. <i>Astroparticle Physics</i> , 2004 , 20, 629-640	2.4	12
151	The commissioning of the central interferometer of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , 2004 , 21, 1-22	2.4	18
150	Lock acquisition of the central interferometer of the gravitational wave detector Virgo. <i>Astroparticle Physics</i> , 2004 , 21, 465-477	2.4	3
149	A local control system for the test masses of the Virgo gravitational wave detector. <i>Astroparticle Physics</i> , 2004 , 20, 617-628	2.4	16
148	Status of VIRGO 2004 , 5500, 58		2
147	Low-loss coatings for the VIRGO large mirrors 2004 ,		11
146	Status of VIRGO. <i>Classical and Quantum Gravity</i> , 2003 , 20, S609-S616	3.3	8
145	Data analysis methods for non-Gaussian, nonstationary and nonlinear features and their application to VIRGO. <i>Classical and Quantum Gravity</i> , 2003 , 20, S915-S924	3.3	7
144	Status report of the low frequency facility experiment, Virgo R&D. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003 , 318, 199-204	2.3	4
143	The low frequency facility Fabry-Perot cavity used as a speed-meter. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003 , 316, 1-9	2.3	5
142	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. <i>Review of Scientific Instruments</i> , 2002 , 73, 2143-2149	1.7	13
141	Status of the low frequency facility experiment. <i>Classical and Quantum Gravity</i> , 2002 , 19, 1675-1682	3.3	3
140	The present status of the VIRGO Central Interferometer*. <i>Classical and Quantum Gravity</i> , 2002 , 19, 1421-1428	3.3	80
139	Inertial control of the mirror suspensions of the VIRGO interferometer for gravitational wave detection. <i>Review of Scientific Instruments</i> , 2001 , 72, 3653-3661	1.7	50
138	Measurement of the VIRGO superattenuator performance for seismic noise suppression. <i>Review of Scientific Instruments</i> , 2001 , 72, 3643-3652	1.7	80

137	Measurement of the transfer function of the steering filter of the Virgo super attenuator suspension. <i>Review of Scientific Instruments</i> , 2001 , 72, 3635-3642	1.7	14
136	Measurement of the Z resonance parameters at LEP. <i>European Physical Journal C</i> , 2000 , 14, 1-50	4.2	28
135	An inverted pendulum preisolator stage for the VIRGO suspension system. <i>Review of Scientific Instruments</i> , 1999 , 70, 2507-2515	1.7	73
134	Plane parallel mirrors Fabry-Perot cavity to improve Virgo superattenuators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998 , 243, 187-194	2.3	8
133	The creep problem in the VIRGO suspensions: a possible solution using Maraging steel. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 404, 455-469	1.2	34
132	Seismic isolation by mechanical filters at very low frequencies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 409, 480-483	1.2	6
131	Air bake-out to reduce hydrogen outgassing from stainless steel. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 188-193	2.9	27
130	Ground tilt seismic spectrum measured with a new high sensitivity rotational accelerometer. <i>Review of Scientific Instruments</i> , 1997 , 68, 1889-1893	1.7	14
129	Mechanical filters for the gravitational waves detector VIRGO: Performance of a two-stage suspension. <i>Review of Scientific Instruments</i> , 1997 , 68, 3904-3906	1.7	5
128	The VIRGO interferometer for gravitational wave detection. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 54, 167-175		47
127	Displacement measurement in VIRGO super attenuators with a suspended fabry-perot interferometer. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997 , 54, 179-183		1
126	Mechanical shot noise induced by creep in suspension devices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1997 , 237, 21-27	2.3	21
125	Extending the VIRGO gravitational wave detection band down to a few Hz: metal blade springs and magnetic antisprings. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 394, 397-408	1.2	43
124	The PeakSum Processing System for the NA48 experiment: a VLSI based processor. <i>IEEE Transactions on Nuclear Science</i> , 1996 , 43, 1789-1794	1.7	4
123	Status of the VIRGO experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 48, 107-109		7
122	Suspension of detection masses for the Virgo interferometer. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996 , 48, 110-112		
121	Measurement of the τ lepton lifetime. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 549-559		10
120	Seismic vibrations mechanical filters for the gravitational waves detector VIRGO. <i>Review of Scientific Instruments</i> , 1996 , 67, 2899-2902	1.7	33

119	Measurement of the branching ratio and an upper limit on. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 444-452</i>	4.2	58
118	A study of production in semileptonic B decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 103-114</i>	4.2	20
117	Study of the subjet structure of quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 389-398</i>	4.2	27
116	Search for CP violation in the decay $Z \rightarrow b\bar{b}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 371-378</i>	4.2	21
115	Michel parameters and τ neutrino helicity from decay correlations in $Z \rightarrow b\bar{b}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 379-388</i>	4.2	15
114	An upper limit for the τ neutrino mass from $\tau \rightarrow \mu \nu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 585-596</i>	4.2	72
113	Status of the VIRGO experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 258-262</i>	1.2	13
112	Improvements on the test mass suspensions of the VIRGO laser interferometer gravitational wave detector. <i>Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 199, 307-314</i>	2.3	2
111	Low noise wideband accelerometer using an inductive displacement sensor. <i>Review of Scientific Instruments, 1995, 66, 2672-2676</i>	1.7	18
110	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 481-506</i>	1.2	256
109	Improvements at low frequency in the interferometric test of the suspensions of the Virgo gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 184, 179-183</i>	2.3	2
108	Correlation measurements in $Z \rightarrow b\bar{b}$ and the τ neutrino helicity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 168-176</i>	4.2	27
107	Observation of monojet events and tentative interpretation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 244-252</i>	4.2	6
106	One-prong τ decays into charged kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 209-218</i>	4.2	18
105	K_0 production in one-prong τ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 219-227</i>	4.2	14
104	Measurement of the B_{s0} lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 275-286</i>	4.2	19
103	An investigation of B_{d0} and B_{s0} oscillation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 441-458</i>	4.2	41
102	A measurement of A_{FB}^b in lifetime tagged heavy flavour Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 99-108</i>	4.2	14

101	Test of an interferometric sapphire transducer with the super attenuator of the VIRGO gravitational wave antenna. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994 , 189, 141-144	2.3	
100	An experimental study of B_c hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 509-519	4.2	42
99	Measurement of the ratio using event shape variables. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 549-563	4.2	27
98	Search for particles with unexpected mass and charge in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 198-208	4.2	21
97	Measurement of the B_c and B_c^* meson lifetimes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 194-208	4.2	37
96	Measurement of the strong coupling constant using B_c decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 209-220	4.2	60
95	First measurement of the B_c meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 425-436	4.2	30
94	Search for the standard model Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 299-311	4.2	50
93	Search for high mass photon pairs in ($f = e, \mu, \nu, q$) at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 308, 425-434	4.2	7
92	Measurement of the branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 479-491	4.2	32
91	Update of electroweak parameters from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 60, 71-81		19
90	Observation of the time dependence of mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 498-508	4.2	36
89	A direct measurement of the invisible width of the Z from single photon counting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 520-534	4.2	27
88	A precise measurement of B_c - $b\bar{b}/B_c$ - b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 535-548	4.2	138
87	Search for a non-minimal Higgs boson produced in the reaction $e^+e^- \rightarrow \gamma^* \rightarrow Z \rightarrow b\bar{b}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 312-325	4.2	74
86	Measurement of the b hadron lifetime with the dipole method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 314, 459-470	4.2	13
85	Measurement of the production rates of B_c and B_c^* in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 210-220	4.2	31
84	A measurement of the b baryon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 449-458	4.2	25

83	Search for CP violation in $Z \rightarrow b\bar{b}$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 459-468	4.2	38
82	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 396-408	4.2	32
81	Observation of the semileptonic decays of B_S and B_D hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 145-156	4.2	33
80	Properties of hadronic Z decays and test of QCD generators. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 55, 209-234		57
79	Improved measurements of electroweak parameters from Z decays into fermion pairs. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 1-20		67
78	An investigation into intermittency. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 21-32		24
77	Measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 279, 411-421	4.2	21
76	Evidence for b baryons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 278, 209-216	4.2	35
75	Search for a very light CP-odd neutral Higgs boson of the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 285, 309-318	4.2	6
74	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 151-162	4.2	29
73	Measurement of B_S in hadronic Z decays using all-orders resummed predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 163-176	4.2	53
72	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 177-190	4.2	25
71	Updated measurement of the average b hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 174-186	4.2	24
70	A precise measurement of the τ lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 432-448	4.2	14
69	Performance of the ALEPH Time Projection Chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 306, 446-458 ^{1.2}		55
68	Measurement of the polarization of τ leptons produced in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 430-444	4.2	70
67	Search for the neutral Higgs bosons of the MSSM and other two-doublet models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 475-486	4.2	26
66	Measurement of isolated photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 264, 476-486	4.2	25

65	Measurement of the charged particle multiplicity distribution in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 273, 181-192	4.2	62
64	Measurement of the forward-backward asymmetry in and. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 325-336	4.2	36
63	Search for a new weakly interacting particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 139-147	4.2	7
62	Production and decay of charmed mesons at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 218-230	4.2	42
61	Measurement of charge asymmetry in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 259, 377-388	4.2	34
60	Measurement of B- mixing at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 258, 236-246	4.2	28
59	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 112-122	4.2	17
58	Measurement of Ξ s from the structure of particle clusters produced in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 479-491	4.2	43
57	Measurement of the B hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 492-504	4.2	21
56	. <i>IEEE Transactions on Nuclear Science</i> , 1991 , 38, 432-440	1.7	
55	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 289-297	4.2	38
54	Search for neutralino production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 541-550	4.2	43
53	Heavy flavour production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 551-565	4.2	99
52	Search for excited leptons in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 501-510	4.2	30
51	A search for new quarks and leptons from Z0 decay at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 511-522	4.2	73
50	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 86-94	4.2	80
49	Search for the neutral Higgs boson from Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 233-244	4.2	87
48	Searches for the standard Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 246, 306-314	4.2	72

47	Search for neutral Higgs bosons from supersymmetry in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 237, 291-302	4.2	61
46	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 141-149	4.2	72
45	A search for pair-produced charged Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 623-634	4.2	41
44	Search for decays of the Z0 into a photon and a pseudoscalar meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 635-643	4.2	8
43	Determination of the leptonic branching ratios of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 399-408	4.2	16
42	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 235, 399-414	4.2	99
41	Properties of hadronic events in e+e- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 234, 209-218	4.2	62
40	Gas system for ALEPH TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 289, 176-184	1.2	2
39	Data acquisition for the Aleph TPC: A case study for LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 289, 569-576	1.2	2
38	ALEPH: A detector for electron-positron annihilations at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 294, 121-178	1.2	340
37	. <i>IEEE Transactions on Nuclear Science</i> , 1990 , 37, 1210-1215	1.7	
36	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 519-529	4.2	223
35	. <i>IEEE Transactions on Nuclear Science</i> , 1989 , 36, 1514-1517	1.7	2
34	. <i>IEEE Transactions on Nuclear Science</i> , 1989 , 36, 1459-1463	1.7	0
33	The spatial resolution of the ALEPH TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 283, 573-577	1.2	5
32	A Measurement of D 0 Lifetime. <i>Europhysics Letters</i> , 1988 , 5, 407-412	1.6	4
31	The τ radiative decay width: A measurement at 200 GeV. <i>Nuclear Physics B</i> , 1987 , 288, 659-680	2.8	28
30	τ Photoproduction and lifetime measurement. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 36, 513-516		10

29	The MC68020-Based FASTBUS Read-Out Processor of the Aleph Time Projection Chamber. <i>IEEE Transactions on Nuclear Science</i> , 1987 , 34, 127-132	1.7	
28	The Crate Clustering Card. <i>IEEE Transactions on Nuclear Science</i> , 1987 , 34, 187-190	1.7	2
27	Dependence of the transverse diffusion of drifting electrons on magnetic field. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986 , 244, 516-520	1.2	14
26	TPC90, a test model for the ALEPH time projection chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986 , 252, 392-398	1.2	9
25	Studies of wire gain and track distortion near the sector edges of the ALEPH time projection chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986 , 252, 399-402	1.2	6
24	Gating in the ALEPH time projection chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986 , 252, 403-406	1.2	12
23	A measurement of the kaon charge radius. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 178, 435-440	4.2	199
22	A measurement of the space-like pion electromagnetic form factor. <i>Nuclear Physics B</i> , 1986 , 277, 168-196.8		466
21	Ion trapping properties of a synchronously gated time projection chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1985 , 239, 192-196	1.2	10
20	First measurement of the reaction $\pi^- p \rightarrow \pi^0 n$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 155, 457-460	4.2	13
19	Calibration of field inhomogeneities in a time projection chamber with laser rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1985 , 235, 296-299	1.2	17
18	Influence of the magnetic field on the gating of a time projection chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1985 , 234, 47-53	1.2	11
17	. <i>IEEE Transactions on Nuclear Science</i> , 1985 , 32, 605-608	1.7	5
16	A Flash ADC System for TPC Readout. <i>IEEE Transactions on Nuclear Science</i> , 1985 , 32, 658-662	1.7	2
15	High resolution silicon detectors for colliding beam physics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1984 , 226, 82-84	1.2	12
14	Germanium microstrip detectors with 50 and 100 μm pitch. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1984 , 226, 117-121	1.2	5
13	A measurement of the pion charge radius. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 146, 116-120	4.2	123
12	Measurement of the pion form factor in the time-like region for q^2 values between 0.1 $(\text{GeV}/c)^2$ and 0.18 $(\text{GeV}/c)^2$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 138, 454-458	4.2	90

11	A 50 Microns Granularity Monolithic Ge Target. <i>IEEE Transactions on Nuclear Science</i> , 1984 , 31, 945-948	1.7	2
10	A Ge?Si active target for the measurement of short lifetimes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1984 , 226, 78-81	1.2	10
9	EB and angular effects in the avalanche localization along the wire with cathode pad read-out. <i>Nuclear Instruments & Methods in Physics Research</i> , 1983 , 217, 317-321		16
8	Construction and performance of two multicell Cherenkov counters used in FRAMM-NA1 spectrometer. <i>Nuclear Instruments & Methods in Physics Research</i> , 1983 , 206, 367-371		1
7	A Monolithic Germanium Target with 100 Microns Granularity for Life-Time Measurement of Charmed Particles. <i>IEEE Transactions on Nuclear Science</i> , 1983 , 30, 98-102	1.7	11
6	Electronic measurement of the lifetime of D [±] mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982 , 110, 339-343	4.2	40
5	Multi Electrode Semiconductor Detectors. <i>Physica Scripta</i> , 1981 , 23, 674-676	2.6	3
4	Construction and performance of a silicon target for the decay-path measurement of long-lived mesons. <i>Nuclear Instruments & Methods</i> , 1980 , 176, 449-456		18
3	A multi-electrode silicon detector for high energy experiments. <i>Nuclear Instruments & Methods</i> , 1980 , 176, 457-460		25
2	A set of drift chambers built for the FRAMM-NA1 spectrometer. <i>Nuclear Instruments & Methods</i> , 1980 , 176, 461-468		6
1	Monolithic folded pendulum accelerometers for seismic monitoring and active isolation systems		2