

Author	Title	Journal	Volume	Nr	Pages	Year
Ambrosino, F.; Anastasio, A.; Basta, D.; Bonechi, L.; Brianzi, M. & others	The MU-RAY project: detector technology and first data from Mt. Vesuvius	JINST	9		C02029	2014
Aasi, J. & others	Parameter estimation for compact binary coalescence signals with the first generation gravitational-wave detector network	Phys.Rev.D	88		62001	2013
Aasi, J. & others	A directed search for continuous Gravitational Waves from the Galactic Center	Phys.Rev.D	88		102002	2013
Aasi, J. & others	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data	Phys.Rev.D	87	4	42001	2013
Aasi, J. & others	Search for Gravitational Waves from Binary Black Hole Inspiral, Merger and Ringdown in LIGO-Virgo Data from 2009-2010	Phys.Rev.D	87		22002	2013
Accadia, T.; Acernese, F.; Agathos, M.; Allocca, A.; Astone, P. & others	Central heating radius of curvature correction (CHRoCC) for use in large scale gravitational wave interferometers	Class.Quant.Grav.	30		55017	2013
Adrian-Martinez, S. & others	A First Search for coincident Gravitational Waves and High Energy Neutrinos using LIGO, Virgo and ANTARES data from 2007	JCAP	1306		8	2013
Aiello, S.; Leonora, E.; Ameli, F.; Anghinolfi, M.; Anzalone, A. & others	The optical modules of the phase-2 of the NEMO project	JINST	8		P07001	2013
Anastasio, A.; Ambrosino, F.; Basta, D.; Bonechi, L.; Brianzi, M. & others	The MU-RAY experiment. An application of SiPM technology to the understanding of volcanic phenomena	Nucl.Instrum.Meth.	A718		134-137	2013
Anastasio, A.; Ambrosino, F.; Basta, D.; Bonechi, L.; Brianzi, M. & others	The MU-RAY detector for muon radiography of volcanoes	Nucl.Instrum.Meth.	A732		423-426	2013
De Marchi, Fabrizio; Pucacco, Giuseppe; Bassan, Massimo; De Rosa, Rosario; Di Fiore, Luciano & others	Quasi-complete" mechanical model for a double torsion pendulum"	Phys.Rev. D	87	12	122006	2013

Aasi, J. & others	The characterization of Virgo data and its impact on gravitational-wave searches	Class.Quant.Grav.	29		155002	2012
Abadie, J. & others	All-sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data	Phys.Rev.D	85		22001	2012
Abadie, J. & others	Search for Gravitational Waves from Low Mass Compact Binary Coalescence in LIGO's Sixth Science Run and Virgo's Science Runs 2 and 3	Phys.Rev.D	85		82002	2012
Abadie, J. & others	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600-1000 Hz	Phys.Rev.D	85		122001	2012
Abadie, J. & others	Search for Gravitational Waves from Intermediate Mass Binary Black Holes	Phys.Rev.D	85		102004	2012
Abadie, J. & others	Search for gravitational waves associated with gamma-ray bursts during LIGO science run 6 and Virgo science runs 2 and 3	Astrophys.J.	760		12	2012
Abbott, B.P. & others	Implementation and testing of the first prompt search for gravitational wave transients with electromagnetic counterparts	Astron.Astrophys.	539		A124	2012
Accadia, T.; Acernese, F.; Agathos, M.; Astone, P.; Ballardin, G. & others	The NoEMi (Noise Frequency Event Miner) framework	J.Phys.Conf.Ser.	363		12037	2012
Accadia, T.; Acernese, F.; Agathos, M.; Astone, P.; Ballardin, G. & others	Noise monitor tools and their application to Virgo data	J.Phys.Conf.Ser.	363		12024	2012
Accadia, T. & others	Characterization of the Virgo Seismic Environment	Class.Quant.Grav.	29		25005	2012
Accadia, T. & others	Virgo: a laser interferometer to detect gravitational waves	JINST	7		P03012	2012
De Rosa, R.; Forte, L.A.; Garufi, F. & Milano, L.	Improvement of the performance of a classical matched filter by an independent component analysis preprocessing	Phys.Rev.D	85		42001	2012

Evans, P.A. & others	Swift follow-up observations of candidate gravitational-wave transient events	Astrophys.J.Suppl.	203		28	2012
Abadie, J. & others	Search for Gravitational Wave Bursts from Six Magnetars	Astrophys.J.	734		L35	2011
Abadie, J. & others	Search for gravitational waves from binary black hole inspiral, merger and ringdown	Phys.Rev.D	83		122005	2011
Abadie, J. & others	Beating the spin-down limit on gravitational wave emission from the Vela pulsar	Astrophys.J.	737		93	2011
Abadie, J. & others	Directional limits on persistent gravitational waves using LIGO S5 science data	Phys.Rev.Lett.	107		271102	2011
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Automatic alignment system during the second science run of the Virgo interferometer	Astropart.Phys.	34		327-332	2011
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Performance of the Virgo interferometer longitudinal control system during the second science run	Astropart.Phys.	34		521-527	2011
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Status of the Virgo project	Class.Quant.Grav.	28		114002	2011
Accadia, T.; Acernese, F.; Astone, P.; Ballardin, G.; Barone, F. & others	Virgo gravitational wave detector: Results and perspectives	Nuovo Cim.	C034N06		189-194	2011
Accadia, T.; Acernese, F.; Astone, P.; Ballardin, G.; Barone, F. & others	A state observer for the Virgo inverted pendulum	Rev.Sci.Instrum.	82		94502	2011
Accadia, T. & others	Calibration and sensitivity of the Virgo detector during its second science run	Class.Quant.Grav.	28		25005	2011
Accadia, T. & others	The Virgo interferometer for gravitational wave detection	Int.J.Mod.Phys.	D20		2075-2079	2011
De Rosa, R.; Di Fiore, L.; Garufi, F.; Grado, A.; La Rana, A. & others	An optical readout system for the drag free control of the LISA spacecraft	Astropart.Phys.	34		394-400	2011
Forte, L.A.; Garufi, F.; Milano, L.; Croce, R.P.; Pierro, V. & others	Blind source separation and Wigner-Ville transform as tools for the extraction of the gravitational wave signal	Phys.Rev.D	83		122006	2011

Persichetti, Gianluca; Chiummo, Antonio; Acernese, Fausto; Barone, Fabrizio; De Rosa, Rosario & others	Model independent numerical procedure for the diagonalization of a multiple input multiple output dynamic system	IEEE Trans.Nucl.Sci.	58		1588-1595	2011
Abadie, J. & others	Search for gravitational-wave inspiral signals associated with short Gamma-Ray Bursts during LIGO's fifth and Virgo's first science run	Astrophys.J.	715		1453-1461	2010
Abadie, J. & others	All-sky search for gravitational-wave bursts in the first joint LIGO-GEO-Virgo run	Phys.Rev.D	81		102001	2010
Abadie, J. & others	Predictions for the Rates of Compact Binary Coalescences Observable by Ground-based Gravitational-wave Detectors	Class.Quant.Grav.	27		173001	2010
Abadie, J. & others	Search for Gravitational Waves from Compact Binary Coalescence in LIGO and Virgo Data from S5 and VSR1	Phys.Rev.D	82		102001	2010
Abbott, B.P. & others	Search for gravitational-wave bursts associated with gamma-ray bursts using data from LIGO Science Run 5 and Virgo Science Run 1	Astrophys.J.	715		1438-1452	2010
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Accadia, T.; Acernese, F.; Antonucci, F.; Aoudia, S.; Arun, K.G. & others	Status and perspectives of the Virgo gravitational wave detector	J.Phys.Conf.Ser.	203		12074	2010
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Tools for noise characterization in Virgo	J.Phys.Conf.Ser.	243		12004	2010
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Noise from scattered light in Virgo's second science run data	Class.Quant.Grav.	27		194011	2010
Accadia, T.; Acernese, F.; Antonucci, F.; Astone, P.; Ballardin, G. & others	Status of the commissioning of the virgo interferometer	AIP Conf.Proc.	1446		150-158	2010
Accadia, T. & others	Virgo calibration and reconstruction of the gravitational wave strain during VSR1	J.Phys.Conf.Ser.	228		12015	2010

Acernese, F.; Alshourbagy, M.; Antonucci, F.; Aoudia, S.; Arun, K.G. & others	Automatic alignment for the first science run of the Virgo interferometer	Astropart.Phys.	33		131-139	2010
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Acernese, Fausto; De Rosa, Rosario; Garufi, Fabio; Giordano, Gerardo; Romano, Rocco & others	Tunable mechanical monolithic horizontal sensor with high Q for low frequency seismic noise measurement	J.Phys.Conf.Ser.	228		12035	2010
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Capozziello, S.; De Laurentis, M.; Forte, L.; Garufi, F. & Milano, L.	Gravitomagnetic corrections on gravitational waves	Phys.Scripta	81		35008	2010
De Rosa, R.; Garufi, F.; Milano, L.; Mosca, S. & Persichetti, G.	Characterization of electrostatic actuators for suspended mirror control with modulated bias	J.Phys.Conf.Ser.	228		12018	2010
Marconi, L.; Stanga, R.; Lorenzini, M.; Grimani, C.; Bassan, M. & others	The 2 degrees of freedom facility in Firenze for the study of weak forces	J.Phys.Conf.Ser.	228		12037	2010
Abbott, B.P. & others	An Upper Limit on the Stochastic Gravitational-Wave Background of Cosmological Origin	Nature	460		990	2009
Acernese, F.; Alshourbagy, M.; Antonucci, F.; Aoudia, S.; Arun, K.G. & others	Cleaning the Virgo sampled data for the search of periodic sources of gravitational waves	Class.Quant.Grav.	26		204002	2009
Acernese, F. & others	Gravitational wave burst search in the Virgo C7 data	Class.Quant.Grav.	26		85009	2009
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Abbott, B. & others	Astrophysically Triggered Searches for Gravitational Waves: Status and Prospects	Class.Quant.Grav.	25		114051	2008
Acernese, F.; Alshourbagy, M.; Amico, P.; Antonucci, F.; Aoudia, S. & others	Status of Virgo	Class.Quant.Grav.	25		114045	2008
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