

## PUBLICATIONS - updated: July 2019

### PAPERS

- 1 Abbott BP, ..., **Losurdo G**, et al. (LIGO Scientific Collaboration and VIRGO Collaboration) All-sky search for continuous gravitational waves from isolated neutron stars using Advanced LIGO O2 data *Phys. Rev. D*, **100**, 024004, 2019
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- 5 Abbott BP, ..., **Losurdo G**, et al. (LIGO Scientific Collaboration and VIRGO Collaboration) All-sky search for long-duration gravitational-wave transients in the second Advanced LIGO observing run *Phys. Rev. D*, **99**, 104033, 2019
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- 12 Burns E, ..., **Losurdo G**, et al. (Fermi GBM Coll., LIGO Scientific Collaboration and VIRGO Collaboration) A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run *Ap. J.*, **871**, 90, 2019
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- 14 Albert A, ..., **Losurdo G**, et al. (ANTARES Coll., IceCube Coll., LIGO Scientific Collaboration and VIRGO Collaboration) Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube *Ap. J.*, **870**, 134, 2019
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93	Aasi J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Implementation of an F-statistic all-sky search for continuous gravitational waves in Virgo VSR1 data	<i>Class. Quantum Grav.</i> , <b>31</b> , 165014, 2014
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96	Aasi J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Search for gravitational radiation from intermediate mass black hole binaries in data from the second LIGO-Virgo joint science run	<i>Phys. Rev.</i> , <b>D89</b> , 122003, 2014
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110	Aasi J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Einstein@Home all-sky search for periodic gravitational waves in LIGO S5 data	<i>Phys. Rev.</i> , <b>D87</b> , 042001, 2013
111	Aasi J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Search for gravitational waves from binary black hole inspiral, merger, and ringdown in LIGO-Virgo data from 2009–2010	<i>Phys. Rev.</i> , <b>D87</b> , 022002, 2013

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113	Accadia T, ..., <b>Losurdo G</b> , et al. (the VIRGO Collaboration)	Status of the commissioning of the Virgo interferometer	<i>AIP Conf. Proc.</i> , <b>1446</b> , 150, 2012
114	Abadie J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Search for gravitational waves associated with gamma-ray bursts during LIGO science run 6 and Virgo science runs 2 and 3	<i>Ap. J.</i> , <b>760</b> , 12, 2012
115	Aasi J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	The characterization of Virgo data and its impact on gravitational-wave searches	<i>Class. Quantum Grav.</i> , <b>29</b> , 155002, 2012
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121	Abadie J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	All-sky search for gravitational-wave bursts in the second joint LIGO-Virgo run	<i>Phys. Rev.</i> , <b>D85</b> , 122007, 2012
122	Abadie J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	Upper limits on a stochastic gravitational-wave background using LIGO and Virgo interferometers at 600–1000 Hz	<i>Phys. Rev.</i> , <b>D85</b> , 122001, 2012
123	Abadie J, ..., <b>Losurdo G</b> , et al. (LIGO Scientific Collaboration and VIRGO Collaboration)	First low-latency LIGO+Virgo search for binary inspirals and their electromagnetic counterparts	<i>Astron. Astrophys.</i> , <b>541</b> , A155, 2012
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126	Accadia T, ..., <b>Losurdo G</b> , et al. (the VIRGO Collaboration)	Virgo: a laser interferometer to detect gravitational waves	<i>JINST</i> , <b>7</b> , P03012, 2012
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