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1 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): 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 (8), 082002 (2012)

2 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): Search for gravitational waves from binary black hole inspiral, merger and ringdown, Phys.Rev. D, 83 (2011)

3 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): Search for Gravitational Wave Bursts from Six Magnetars, Astrophys.J., 734 (2011)

4 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): Beating the spin-down limit on gravitational wave emission from the Vela pulsar, Astrophys. J. 737, 93 (2011)

5 LEONOR, I., CADONATI, L., COCCIA, E., D'ANTONIO, S., DI CREDICO, A., FAFONE, V., FREY, R., FULGIONE, W., KATSAVOUNIDIS, E., OTT, C. D., PAGLIAROLI, G., SCHOLBERG, K., THRANE, E., VISSANI, F.: Searching for prompt signatures of nearby core-collapse supernovae by a joint analysis of neutrino and gravitational wave data
Class.Quant.Grav., 27 (8), 084019 (2010)

6 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): Predictions for the rates of compact binary coalescences observable by ground-based gravitational-wave detectors, Class.Quant.Grav., 27 (2010)

7 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): 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 (2), 1453-1461 (2010)

8 FAFONE, V., et al. (ET Science Team): The third generation of gravitational wave observatories and their science reach, Class.Quant.Grav. 27, 084007 (2010)

9 FAFONE, V., et al. (LIGO Scientific Collaboration and Virgo Collaboration): An upper limit on the stochastic gravitational-wave background of cosmological origin, Nature, 360, 990-994 (2009)

10. ASTONE, P., BABUSCI, D., BASSAN, M., BONIFAZI, P., CAVALLARI, G., COCCIA, E., D'ANTONIO, S., FAFONE, V., GIORDANO, G., LIGI, C., MARINI, A., MAZZITELLI, G., MINENKOV, Y., MODENA, I., MODESTINO, P., MOLETI, A., PALLOTTINO, G.V., PIZZELLA, G., QUINTIERI, L., ROCCHI, A., RONGA, F., TERENZI, M.R., VISCO, M : Detection of high energy cosmic rays with the resonant gravitational wave detectors NAUTILUS and EXPLORER, ASTROPART PHYS, 30, 200-208 (2008)