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Search for an association between neutrinos and radio-selected blazars with ANTARES

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Recently, evidence for an association between high energy neutrinos detected by IceCube and radio-selected blazars has been found by Plavin et al. (2020, 2021). This result was achieved using an all sky complete sample of 3411 blazars selected on their parsec-scale flux density at 8 GHz higher than 150 mJy.
We perform an analysis using the same sample of radio-selected blazars and search for a positional correlation with the astrophysical neutrino candidates selected for point source searches from the data collected by the ANTARES detector between January 29, 2007 and February 28, 2020.
First results of this search are presented and discussed.

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Experimental Results

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