

Arařtırmacı DOĐA VESKE

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Searching for topological dark matter in LIGO data**
Heisenberg L., Maibach D., Veske D.
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- II. **Gravitational-wave matched filtering on a quantum computer**
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- III. **A Search for IceCube Sub-TeV Neutrinos Correlated with Gravitational-wave Events Detected By LIGO/Virgo**
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- IV. **Search for neutrino lines from dark matter annihilation and decay with IceCube**
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- V. **IceCat-1: The IceCube Event Catalog of Alert Tracks**
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- VI. **Detecting fundamental vector fields with LISA**
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- VII. **Search for Extended Sources of Neutrino Emission in the Galactic Plane with IceCube**
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- VIII. **Search for Gravitational Waves Associated with Fast Radio Bursts Detected by CHIME/FRB during the LIGO-Virgo Observing Run O3a**
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- IX. **GWTC-3: Compact Binary Coalescences Observed by LIGO and Virgo during the Second Part of the Third Observing Run**
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- X. **Search for Correlations of High-energy Neutrinos Detected in IceCube with Radio-bright AGN and**

Gamma-Ray Emission from Blazars

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- XI. **Observation of seasonal variations of the flux of high-energy atmospheric neutrinos with IceCube**
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- XII. **Search for sub-TeV Neutrino Emission from Novae with IceCube-DeepCore**
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- XIII. **Open Data from the Third Observing Run of LIGO, Virgo, KAGRA, and GEO**
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- XIV. **Measurement of atmospheric neutrino mixing with improved IceCube DeepCore calibration and data processing**
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- XV. **Constraints on Populations of Neutrino Sources from Searches in the Directions of IceCube Neutrino Alerts**
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- XVI. **Constraints on the Cosmic Expansion History from GWTC-3**
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- XVII. **Constraining High-energy Neutrino Emission from Supernovae with IceCube**
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- XVIII. **Multimessenger emission from tidal waves in neutron star oceans**
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- XIX. **A Search for Coincident Neutrino Emission from Fast Radio Bursts with Seven Years of IceCube Cascade Events**
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- XX. **D-Egg: A dual PMT optical module for IceCube**
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- XXI. **Searches for Neutrinos from Large High Altitude Air Shower Observatory Ultra-high-energy γ -Ray Sources Using the IceCube Neutrino Observatory**
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- XXIV. **Population of Merging Compact Binaries Inferred Using Gravitational Waves through GWTC-3**
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- XXV. **Model-based Cross-correlation Search for Gravitational Waves from the Low-mass X-Ray Binary Scorpius X-1 in LIGO O3 Data**
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- XXVI. **Search for Subsolar-Mass Binaries in the First Half of Advanced LIGO's and Advanced Virgo's Third Observing Run**
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- XXVII. **Searches for Gravitational Waves from Known Pulsars at Two Harmonics in the Second and Third LIGO-Virgo Observing Runs**
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- XXVIII. **Narrowband Searches for Continuous and Long-duration Transient Gravitational Waves from Known Pulsars in the LIGO-Virgo Third Observing Run**
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- XXIX. **First joint observation by the underground gravitational-wave detector KAGRA with GEO 600**
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- XXX. **All-sky search for gravitational wave emission from scalar boson clouds around spinning black holes in LIGO O3 data**
Abbott R., Abe H., Acernese F., Ackley K., Adhikari N., Adhikari R. X., Adkins V. K., Adya V. B., Affeldt C., Agarwal D., et al.
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- XXXI. **Probing the dark Solar system: detecting binary asteroids with a space-based interferometric asteroid explorer**
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- XXXII. **Search of the early O3 LIGO data for continuous gravitational waves from the Cassiopeia A and Vela Jr. supernova remnants**
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- XXXIII. **Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO-Virgo Run O3b**
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- XXXV. **Search for intermediate-mass black hole binaries in the third observing run of Advanced LIGO and Advanced Virgo**
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- XXXVI. **Generalized approach to matched filtering using neural networks**
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- XXXVII. **Search for continuous gravitational waves from 20 accreting millisecond x-ray pulsars in O3 LIGO data**
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- XXXVIII. **All-sky search for short gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run**
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- XXXIX. **Search for Lensing Signatures in the Gravitational-Wave Observations from the First Half of LIGO-Virgo's Third Observing Run**
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- XL. **Characterizing the Observation Bias in Gravitational-wave Detections and Finding Structured Population Properties**
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- XLI. **Constraints from LIGO O3 Data on Gravitational-wave Emission Due to R-modes in the Glitching Pulsar PSR J0537-6910**
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- XLII. **All-sky search for long-duration gravitational-wave bursts in the third Advanced LIGO and Advanced Virgo run**
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- XLIII. **The icecube pie chart: Relative source contributions to the cosmic neutrino flux**
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- XLIX. **Search for Gravitational Waves Associated with Gamma-Ray Bursts Detected by Fermi and Swift during the LIGO-Virgo Run O3a**
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- L. **Observation of Gravitational Waves from Two Neutron Star-Black Hole Coalescences**
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- LI. **Constraints on Cosmic Strings Using Data from the Third Advanced LIGO-Virgo Observing Run**
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- LV. **Population properties of compact objects from the second LIGO-Virgo gravitational-wave transient catalog**
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- LVI. **All-sky search in early O3 LIGO data for continuous gravitational-wave signals from unknown neutron stars in binary systems**
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 Veske D., Márka Z., Bartos I., Márka S.
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- LIX. **Search for Black Hole Merger Families**

- Veske D., Sullivan A. G., Márka Z., Bartos I., Corley K. R., Samsing J., Buscicchio R., Márka S.
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- LX. **Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo**
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- LXI. **Can we use next-generation gravitational wave detectors for terrestrial precision measurements of Shapiro delay?**
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- LXII. **Gravitational-wave Constraints on the Equatorial Ellipticity of Millisecond Pulsars**
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- LXIII. **GW190521: A Binary Black Hole Merger with a Total Mass of 150 M**
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- LXIV. **Properties and Astrophysical Implications of the 150 M \odot Binary Black Hole Merger GW190521**
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- LXV. **GW190412: Observation of a binary-black-hole coalescence with asymmetric masses**
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- LXVI. **IceCube Search for Neutrinos Coincident with Compact Binary Mergers from LIGO-Virgo's First Gravitational-wave Transient Catalog**
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- LXVII. **GW190814: Gravitational Waves from the Coalescence of a 23 Solar Mass Black Hole with a 2.6 Solar Mass Compact Object**
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- LXVIII. **Neutrino emission upper limits with maximum likelihood estimators for joint astrophysical neutrino searches with large sky localizations**
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- LXIX. **Constraining Black Hole Populations in Globular Clusters Using Microlensing: Application to Omega Centauri**
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- LXX. **A joint fermi-gbm and ligo/virgo analysis of compact binary mergers from the first and second gravitational-wave observing runs**
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- LXXI. **Bayesian multimessenger search method for common sources of gravitational waves and high-energy neutrinos**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **Have hierarchical three-body mergers been detected by LIGO/Virgo**

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **An Archival Search for Very-High-Energy Counterparts to Sub-Threshold Neutron-Star Merger Candidates**
Bartos I., Rainer Corley K., Márka S., Márka Z., Veske D., Adams C. B., Archer A., Benbow W., Brill A., Buckley J., et al.
37th International Cosmic Ray Conference, ICRC 2021, Virtual, Berlin, Almanya, 12 - 23 Temmuz 2021, cilt.395
- II. **Multi-messenger searches via IceCube's high-energy neutrinos and gravitational-wave detections of LIGO/Virgo**
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- III. **Search for hierarchical triple black hole mergers**
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55th Rencontres de Moriond on Gravitation 2021, Virtual, Online, 9 - 11 Mayıs 2021, ss.187-190
- IV. **Multi-messenger Gravitational-Wave plus High-Energy Neutrino Searches with LIGO, Virgo, and IceCube**
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36th International Cosmic Ray Conference (ICRC), Wisconsin, Amerika Birleşik Devletleri, 24 Temmuz - 01 Ağustos 2019
- V. **Multi-messenger gravitational-wave + high-energy neutrino searches with LIGO, Virgo, and IceCube**
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- VI. **Metu-defocusing beam line project and beam optics studies**
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