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Research Areas

Physics, General Physics, Relativity and Gravitation, Quantum Mechanics, Fields Theory and Relativity, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Formalizing slow-roll inflation in scalar-tensor theories of gravitation**
Akin K., Arapoğlu A. S., Yükselci A. E.
PHYSICS OF THE DARK UNIVERSE, vol.30, 2020 (SCI-Expanded)
- II. **Effect of peculiar velocities on the gravitational potential in cosmological models with perfect fluids**
Burgazlı A., Shulga V., Yükselci A. E., Zhuk A.
PHYSICS LETTERS B, vol.809, 2020 (SCI-Expanded)
- III. **Effect of the spatial curvature of the Universe on the form of the gravitational potential**
Eingorn M., Yükselci A. E., Zhuk A.
EUROPEAN PHYSICAL JOURNAL C, vol.79, no.8, 2019 (SCI-Expanded)
- IV. **Dynamical system analysis of quintessence models with exponential potential - Revisited**
Arapoğlu A. S., Yükselci A. E.
MODERN PHYSICS LETTERS A, vol.34, no.9, 2019 (SCI-Expanded)
- V. **Neutron star structure in the presence of nonminimally coupled scalar fields**
Arapoglu A. S., Ekşi K. Y., Yükselci A. E.
PHYSICAL REVIEW D, vol.99, no.6, 2019 (SCI-Expanded)
- VI. **Dynamical system analysis of a five-dimensional cosmological model**
Arapoğlu A. S., Yalçınkaya E., Yükselci A. E.
ASTROPHYSICS AND SPACE SCIENCE, vol.363, no.10, 2018 (SCI-Expanded)

Metrics

Publication: 11

Citation (WoS): 16

Citation (Scopus): 25

H-Index (WoS): 2

H-Index (Scopus): 3