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### Research Areas

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

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Formalizing slow-roll inflation in scalar-tensor theories of gravitation**  
Akin K., Arapođlu A. S. , Yükselci A. E.  
PHYSICS OF THE DARK UNIVERSE, vol.30, 2020 (Journal Indexed in SCI)
- II. **Effect of peculiar velocities on the gravitational potential in cosmological models with perfect fluids**  
Burgazli A., Shulga V., Yükselci A. E. , Zhuk A.  
PHYSICS LETTERS B, vol.809, 2020 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- IV. **Dynamical system analysis of quintessence models with exponential potential - Revisited**  
Arapođlu A. S. , Yükselci A. E.  
MODERN PHYSICS LETTERS A, vol.34, no.9, 2019 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- VI. **Dynamical system analysis of a five-dimensional cosmological model**  
Arapođlu A. S. , Yalçinkaya E., Yükselci A. E.  
ASTROPHYSICS AND SPACE SCIENCE, vol.363, no.10, 2018 (Journal Indexed in SCI)

### Citations

Total Citations (WOS):10

h-index (WOS):2