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Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Genel Astronomi, Turkey 1990 - 1995

Post Graduate, Ege University, Fen Bilimleri Enstitüsü, Astrofizik, Turkey 1987 - 1989

Under Graduate, Ege University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri - Fizik, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BIANCHI TİPİ KOZMOLOJİLER, Ege University, Fen Bilimleri Enstitüsü, Genel Astronomi, 1995

Post Graduate, IŞIK-ZAMAN ETKİSİ VE BAZI UYGULAMALARI, Ege University, Fen Bilimleri Enstitüsü, Astrofizik, 1989

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Electromagnetism, Acoustics, Heat Transfer, Classical Mechanics and Fluid Dynamics, Basic Particles and Areas, Natural Sciences

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

- **Teleparallel energy-momentum distribution of various black hole and wormhole metrics**
Aygun S., Baysal H., Aktas C., Yilmaz I., Sahoo P. K., Tarhan I.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.33, 2018 (Journal Indexed in SCI)
- **Energy-momentum localization for Bianchi type-IV Universe in general relativity and teleparallel gravity**
AYGÜN S., TARHAN İ.
PRAMANA-JOURNAL OF PHYSICS, vol.78, pp.531-548, 2012 (Journal Indexed in SCI)
- **The Decay of Massive Scalar Field in Non-Static Godel Type Universe with Viscous Fluid and Heat Flow**
Aygün S., TARHAN İ.
INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, vol.47, pp.3257-3266, 2008 (Journal Indexed in SCI)

- **Scalar field theory and energy-momentum problem of Yilmaz-Rosen metric in general relativity and teleparallel gravity**
AYGÜN S., TARHAN İ., Baysal H.
ASTROPHYSICS AND SPACE SCIENCE, vol.314, pp.323-330, 2008 (Journal Indexed in SCI)
- **Energy distributions of the Szekeres universes in teleparallel gravity**
AYGÜN S., TARHAN İ., BAYSAL H.
INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, vol.47, pp.722-731, 2008 (Journal Indexed in SCI)
- **Energy momentum of marder universe in teleparallel gravity**
Ayguen S., Baysal H., Tarhan I.
INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, vol.46, pp.2607-2616, 2007 (Journal Indexed in SCI)
- **Moller energy-momentum complex in general relativity for higher dimensional universes**
Ayguen M., Ayguen S., Yilmaz I., Baysal H., Tarhan I.
CHINESE PHYSICS LETTERS, vol.24, pp.1821-1824, 2007 (Journal Indexed in SCI)
- **On the energy-momentum problem in static Einstein universe**
Aygün S., Tarhan I., Baysal H.
CHINESE PHYSICS LETTERS, vol.24, pp.355-358, 2007 (Journal Indexed in SCI)
- **Energy-momentum localization in Marder space-time**
Aygün S., Aygün M., Tarhan I.
PRAMANA-JOURNAL OF PHYSICS, vol.68, pp.21-30, 2007 (Journal Indexed in SCI)
- **Energy distributions in Szekeres type I and II space-times**
Aygün S., Aygün M., Tarhan I.
ACTA PHYSICA POLONICA B, vol.37, pp.2781-2793, 2006 (Journal Indexed in SCI)
- **Conformal collineations in string cosmology**
Baysal H., CAMCI U., Tarhan I., Yilmaz I., YAVUZ İ.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.11, pp.463-469, 2002 (Journal Indexed in SCI)
- **Some cosmological models with perfect fluid, scalar field and heat flux in rotating universe**
Tarhan I.
ASTRONOMISCHE NACHRICHTEN, vol.323, pp.494-498, 2002 (Journal Indexed in SCI)
- **Rotating string cosmologies with scalar field and heat flux**
Baysal H., Yilmaz I., Tarhan I.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.10, pp.935-942, 2001 (Journal Indexed in SCI)
- **Ricci collineations of the Bianchi types I and III, and Kantowski-Sachs spacetimes**
CAMCI U., Baysal H., Tarhan I., Yilmaz I., YAVUZ İ.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.10, pp.751-765, 2001 (Journal Indexed in SCI)
- **Generation of Bianchi type V universes filled with a perfect fluid**
CAMCI U., YAVUZ İ., Baysal H., Tarhan I., Yilmaz I.
ASTROPHYSICS AND SPACE SCIENCE, vol.275, pp.391-400, 2001 (Journal Indexed in SCI)
- **Curvature inheritance symmetry in Riemannian spaces with applications to string cloud and string fluids**
Yilmaz I., Tarhan I., YAVUZ İ., Baysal H., CAMCI U.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.8, pp.659-668, 1999 (Journal Indexed in SCI)
- **Some string cosmological models in Bianchi Type I space-time**
Yavuz I., Tarhan I.
ASTROPHYSICS AND SPACE SCIENCE, vol.240, pp.45-54, 1996 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Kraniyospinal VMAT ışınlamalarında iç içe alanların kullanımının olası setup hatalarındaki doz dağılımına etkisi**
DURMUŞ İ. F. , TAŞ B., ATALAY E. D. , TARHAN İ., ERTEKİN M. V.

- XII. Ulusal Radyasyon Onkolojisi Kongresi, Antalya, Turkey, 20 - 24 April 2016
Comparing Dose Distributions of Dose to Water and Dose to Medium Calculations for Lung Intracranial SRT
ATALAY E. D. , DURMUŞ İ. F. , TAŞ B., TARHAN İ.
- 1st Int. Physics Conference At Anatolian Peak (IPCAP 2016), Erzurum, Turkey, 25 - 27 February 2016
BERTOTTİ ROBINSON UZAY ZAMANININ ENERJİ MOMENTUM DAĞILIMLARI
AYGÜN S., AYGÜN M., TARHAN İ., BAYSAL H.
- XVI. Ulusal Astronomi Kongresi, V. Ulusal Astronomi Kongresi, Turkey, 8 - 12 September 2008
Some Cosmological Models with Cosmic Strings in Scalar Field Cosmologies
AYGÜN S., TARHAN İ., AYGÜN M., BAYSAL H.
World Year of Physics 2005- Turkish Physical Society 23rd International Physics Congress, 13 - 16 September 2005
- **Some Cosmological Models With Scalar Field and Their Properties**
AYGÜN S., TARHAN İ., BAYSAL H.
World Year of Physics 2005- Turkish Physical Society 23rd International Physics Congress, 13 - 16 September 2005

Supported Projects

TARHAN İ., BAYSAL H., CAMCI U., Project Supported by Higher Education Institutions, Genel relativite teorisi çerçevesinde evrenin plazma yapısı ve evrimi, 2001 - 2006

YILMAZ İ., BAYSAL H., TARHAN İ., AKTAŞ C., Project Supported by Higher Education Institutions, Rotasyon Yapan ideal Akışkanlı, skaler alanlı ve ısı akılı kozmolojik Modeller, 2001 - 2006

BAYSAL H., YILMAZ İ., CAMCI U., TARHAN İ., Project Supported by Higher Education Institutions, String kozmolojide konformal kollinasyonlar, 2001 - 2003

Citations

Total Citations (WOS):152

h-index (WOS):8