

Personal Information

Email: mhozer@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/mhozer>

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty of Arts & Science, Department of Physics, 2019 - Continues

Advising Theses

ÖZER M., Sicim Motivasyonlu Skaler Alan Kozmolojileri Üzerine İncelemeler, Post Graduate, K.M.(Student), 1993

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

- **Quantification of scattering from fiber surface irregularities**
Avram E., Mahmood W., ÖZER M.
JOURNAL OF LIGHTWAVE TECHNOLOGY, vol.20, pp.634-637, 2002 (Journal Indexed in SCI)
- **Fate of the universe, age of the universe, dark matter, and the decaying vacuum energy**
Ozer M.
ASTROPHYSICAL JOURNAL, vol.520, pp.45-53, 1999 (Journal Indexed in SCI)
- **A nonsingular universe in string cosmology**
Al-Nowaiser A. A. , Ozer M., Taha M. O.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol.8, pp.43-49, 1999 (Journal Indexed in SCI)
- **Spontaneous decay of the effective cosmological constant**
Ozer M., Taha M. O.
MODERN PHYSICS LETTERS A, vol.13, pp.571-580, 1998 (Journal Indexed in SCI)
- **Singular scalar field cosmologies with energy density decaying as t^{-2}**
Mubarak K. M. , Ozer M.
CLASSICAL AND QUANTUM GRAVITY, vol.15, pp.75-88, 1998 (Journal Indexed in SCI)
- **Bounds on the vacuum component in cosmology with a decaying vacuum energy**
Özer M.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, vol.404, pp.20-24, 1997 (Journal Indexed in SCI)
- **GIM mechanism and its consequences in the $SU(3)(L) \times U(1)(X)$ models of electroweak interactions**
Ozer M.
PHYSICAL REVIEW D, vol.54, pp.4561-4565, 1996 (Journal Indexed in SCI)
- **$SU(3)(L) \times U(1)(X)$ model of electroweak interactions without exotic quarks**
Ozer M.
PHYSICAL REVIEW D, vol.54, pp.1143-1149, 1996 (Journal Indexed in SCI)
- **Approximate calculation of the N-loop effective potential for large field values through the renormalization group equation**
Ozer M.
MODERN PHYSICS LETTERS A, vol.11, pp.805-813, 1996 (Journal Indexed in SCI)

- **The electromagnetic gauge invariance in the $SU(3)_C \times U(1)_Y$ models of electroweak unification**
Özer M.
Physics Letters B, vol.337, pp.324-327, 1994 (Journal Indexed in SCI Expanded)
- **ASYMPTOTIC-BEHAVIOR OF THE HIGGS COUPLING IN $SU(2)_C \times U(1)_Y$ THEORY**
ALHENDI H., OZER M., Taha M. O.
PHYSICAL REVIEW D, vol.46, pp.428-430, 1992 (Journal Indexed in SCI)
- **Exact solutions in string-motivated scalar-field cosmology**
Azer M., Taha M.
Physical Review D, vol.45, 1992 (Journal Indexed in SCI)
- **Top quark mass from gut mass relations**
Alhendi H., Özer M., Taha M.
Physics Letters B, vol.213, pp.337-339, 1988 (Journal Indexed in SCI)
- **A model of the universe free of cosmological problems**
Özer M., Taha M.
Nuclear Physics, Section B, vol.287, pp.776-796, 1987 (Journal Indexed in SCI)
- **THE HIGGS BOSON MASS IN STANDARD ELECTROWEAK THEORY**
ALHENDI H., ÖZER M., Taha M. O.
ZEITSCHRIFT FUR PHYSIK C-PARTICLES AND FIELDS, vol.36, pp.639-641, 1987 (Journal Indexed in SCI)
- **A possible solution to the main cosmological problems**
Özer M., Taha M.
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- **More on generalized gauge hierarchies with two-loop β -functions**
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Physics Letters B, vol.166, pp.183-185, 1986 (Journal Indexed in SCI Expanded)
- **PRECOCIOUS UNIFICATION IN SIMPLE GRAND UNIFIED THEORIES**
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PHYSICAL REVIEW D, vol.31, pp.181-184, 1985 (Journal Indexed in SCI)
- **Do light lepto-quark bosons exist?**
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- **The role of $75H$ in fermion mass hierarchy**
Kim J. E. , Özer M.
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- **Fermion mass ratios and low energy grand unification**
Özer M.
Physics Letters B, vol.124, pp.64-66, 1983 (Journal Indexed in SCI)
- **More on generalized gauge hierarchies**
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Physics Letters B, vol.118, pp.355-358, 1982 (Journal Indexed in SCI)
- **NEUTRON-ANTINEUTRON OSCILLATIONS AND RENORMALIZATION EFFECTS FOR $\Delta B=2$ 6-QUARK OPERATORS**
OZER M.
PHYSICAL REVIEW D, vol.26, pp.3159-3166, 1982 (Journal Indexed in SCI)
- **COLOR PRODUCTION IN THE PATI-SALAM MODEL**
Mtingwa S. K. , OZER M.
PHYSICAL REVIEW D, vol.23, pp.85-88, 1981 (Journal Indexed in SCI)
- **Liberated color in leptoproduction**
Özer M., Pati J. C.
Nuclear Physics, Section B, vol.159, pp.293-315, 1979 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- **Is There an Age of the Universe Problem after the Hipparcos Data?**

ÖZER M.

TURKISH JOURNAL OF PHYSICS, vol.25, 2001 (Other Refereed National Journals)

- **On the One-Loop Yukawa Coupling Beta-Function to Order $Y g^2$ in a General ? Gauge and its Gauge Independence**

ÖZER M.

TURKISH JOURNAL OF PHYSICS, vol.22, 1998 (Other Refereed National Journals)

- **SU(3)_L x U(1)_X Models of Electroweak Unification with Natural Conservation Laws for Neutral Currents**

ÖZER M.

TURKISH JOURNAL OF PHYSICS, vol.21, pp.614-620, 1997 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- **Surface scratch and pit analysis on optical interfaces**

Mahmood W., Ozer M., Avram E.

Conference on Active and Passive Optical Components for WDM Communication, Colorado, United States Of America, 21 - 24 August 2001, vol.4532, pp.323-329

Supported Projects

ÖZER M., Project Supported by Higher Education Institutions, Genel Rölativite Teorisinin Elektromanyetizma Kısımının ve Gravitasyon ile Elektromanyetizmanın Yeni Birleşik Teorisinin Deneysel Testi, 2015 - 2018

ÖZER M., Project Supported by Other Official Institutions, Elektrik Alanı İçerisinde Mössbauer İncelemeleri, 2010 - 2013

Citations

Total Citations (WOS):736

h-index (WOS):8