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Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik Mühendisliği, Turkey
1997 - 2003

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik Mühendisliği,
Turkey 1994 - 1997

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, System Analysis, Turkey 1992 - 1994

Undergraduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of
Mathematics Engineering, Turkey 1988 - 1992

Foreign Languages

English, B1 Intermediate

Research Areas

Mechanics of Solid Bodies, Optics and Photonics, Mechanical, Mathematics, Differential Equations, Differential Geometry,
General Mathematics, Geometry, Partial Differential Equations, Mathematical Logic and Foundations, Optics, Natural
Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of
Mathematics Engineering, 2022 - Continues

Assistant Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of
Mathematics Engineering, 2018 - 2022

Assistant Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of
Mathematics Engineering, 2003 - 2018

Research Assistant PhD, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of
Mathematics Engineering, 2003 - 2003

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Matematik Mühendisliği Bölümü, 2008 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigating dispersive optical soliton dynamics in birefringent fibers with cubic nonlinearity through quintic-order concatenation model**
Zayed E. M., Gepreel K. A., El-Horbaty M., Arnous A. H., SEÇER A., ÖZİŞIK M., BAYRAM M.
Optical Fiber Technology, vol.88, 2024 (SCI-Expanded)
- II. **Effects of white noise on straddle and soliton dynamics in birefringent fibers using the novel Kaup-Newell equation approach**
Elsherbeny A. M., Arnous A. H., Nofal T. A., SEÇER A., ÖZİŞIK M.
European Physical Journal Plus, vol.139, no.10, 2024 (SCI-Expanded)
- III. **Optical soliton solution of the perturbed Fokas-Lenells equation having the cubic-quintic-septic law of self-phase modulation in the presence of chromatic and spatiotemporal dispersions**
UÇAR M. F., ÖZİŞIK M., SEÇER A., BAYRAM M.
European Physical Journal Plus, vol.139, no.10, 2024 (SCI-Expanded)
- IV. **Investigation of soliton solutions to the Peyrard-Bishop-Deoxyribo-Nucleic-Acid dynamic model with beta-derivative**
SEÇER A., ÖZİŞIK M., BAYRAM M., ÖZDEMİR N., ÇINAR M.
Modern Physics Letters B, vol.38, no.27, 2024 (SCI-Expanded)
- V. **Optical soliton solutions of the nonlinear complex Ginzburg-Landau equation with the generalized quadratic-cubic law nonlinearity having the chromatic dispersion**
ESEN H., SEÇER A., ÖZİŞIK M., BAYRAM M.
Physica Scripta, vol.99, no.9, 2024 (SCI-Expanded)
- VI. **On Stochastic Pure-Cubic Optical Soliton Solutions of Nonlinear Schrödinger Equation Having Power Law of Self-Phase Modulation**
SEÇER A., ÖNDER İ., ESEN H., ÖZDEMİR N., ÇINAR M., Cakicioglu H., Durmus S., ÖZİŞIK M., BAYRAM M.
International Journal of Theoretical Physics, vol.63, no.9, 2024 (SCI-Expanded)
- VII. **Investigating dispersive optical solitons with the generalized stochastic perturbed Schrödinger-Hirota equation incorporating power-law nonlinearity and multiplicative white noise**
Arnous A. H., Hashemi M. S., Elsherbeny A. M., SEÇER A., ÖZİŞIK M., BAYRAM M.
Optik, vol.310, 2024 (SCI-Expanded)
- VIII. **Optical soliton solution of the perturbed Biswas-Milovic equation having cubic-quintic-septic law nonlinearity in the presence of spatio-temporal and chromatic dispersion**
ESEN H., SEÇER A., ÖZİŞIK M., BAYRAM M.
Physica Scripta, vol.99, no.8, 2024 (SCI-Expanded)
- IX. **Obtaining analytical solutions of (2+1)-dimensional nonlinear Zoomeron equation by using modified F-expansion and modified generalized Kudryashov methods**
ÖZİŞIK M., SEÇER A., BAYRAM M.
Engineering Computations (Swansea, Wales), vol.41, no.5, pp.1105-1120, 2024 (SCI-Expanded)
- X. **On the analytical soliton solutions of (1 + 1)-dimensional complex coupled nonlinear Higgs field model**
ÖZİŞIK M., BAYRAM M., SEÇER A., ÇINAR M.

- European Physical Journal: Special Topics, vol.233, no.6, pp.1331-1340, 2024 (SCI-Expanded)
- XI. **Optical soliton solutions of the perturbed fourth-order nonlinear Schrödinger-Hirota equation with parabolic law nonlinearity of self-phase modulation**
Altun S., SEÇER A., ÖZİŞIK M., BAYRAM M.
Physica Scripta, vol.99, no.6, 2024 (SCI-Expanded)
- XII. **Optical soliton solutions of complex Ginzburg-Landau equation with triple power law and modulation instability**
ÖNDER İ., ESEN H., ÖZİŞIK M., SEÇER A., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.6, 2024 (SCI-Expanded)
- XIII. **On the soliton solutions to some system of complex coupled nonlinear models and the effect of the coupling coefficients**
ÖZİŞIK M., ESEN H., SEÇER A., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.6, 2024 (SCI-Expanded)
- XIV. **Optical solitons of stochastic perturbed Radhakrishnan-Kundu-Lakshmanan model with Kerr law of self-phase-modulation**
ALBAYRAK P., ÖZİŞIK M., SEÇER A., BAYRAM M., Ebru Das S. E.
Modern Physics Letters B, vol.38, no.15, 2024 (SCI-Expanded)
- XV. **A comprehensive analysis of Fokas-Lenells equation using Lie symmetry method**
ÇINAR M., SEÇER A., Sajjad Hashemi M., ÖZİŞIK M., BAYRAM M.
Mathematical Methods in the Applied Sciences, vol.47, no.7, pp.5819-5830, 2024 (SCI-Expanded)
- XVI. **Examining the (1 + 1)-dimensional Schrödinger-Hirota equation with Kerr effect under inter-modal dispersion using the invariance theory**
ESEN H., SEÇER A., Hashemi M. S., ÖZİŞIK M., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.5, 2024 (SCI-Expanded)
- XVII. **Bright soliton of the third-order nonlinear Schrödinger equation with power law of self-phase modulation in the absence of chromatic dispersion**
Durmus S. A., ÖZDEMİR N., SEÇER A., ÖZİŞIK M., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.5, 2024 (SCI-Expanded)
- XVIII. **Soliton solutions of the improved perturbed nonlinear Schrödinger equation having parabolic law with non-local nonlinearity in the presence of chromatic and spatio-temporal dispersion terms**
ESEN H., ÖNDER İ., SEÇER A., ÖZİŞIK M., BAYRAM M.
Physica Scripta, vol.99, no.4, 2024 (SCI-Expanded)
- XIX. **High dispersion and cubic-quintic-septic-nonic nonlinearity effects on optical solitons in the complex Ginzburg-Landau equation of eighth-order with multiplicative white noise in the Itô sense**
Zayed E. M., Arnous A. H., SEÇER A., ÖZİŞIK M., BAYRAM M., Shah N. A., Chung J. D.
Results in Physics, vol.58, 2024 (SCI-Expanded)
- XX. **Davey-Stewartson system and investigation of the impacts of the nonlinearity**
ESEN H., ÖNDER İ., SEÇER A., ÖZİŞIK M., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.2, 2024 (SCI-Expanded)
- XXI. **On obtaining optical solitons of the perturbed cubic-quartic model having the Kudryashov's law of refractive index**
ÇINAR M., Cakicioglu H., SEÇER A., ÖZİŞIK M., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.2, 2024 (SCI-Expanded)
- XXII. **Obtaining soliton solutions of the nonlinear (4+1)-dimensional Boiti-Leon-Manna-Pempinelli equation via two analytical techniques**
ESEN H., SEÇER A., ÖZİŞIK M., Bayram M.
International Journal of Modern Physics B, vol.38, no.1, 2024 (SCI-Expanded)
- XXIII. **Stochastic higher-order Lakshmanan-Porsezian-Daniel model with cubic-quintic law nonlinearities in the presence of spatio-temporal and chromatic dispersion terms**
SEÇER A., BAYRAM M., ÖZİŞIK M.
Journal of Nonlinear Optical Physics and Materials, 2024 (SCI-Expanded)

- XXIV. **Investigating the potential of optical metamaterials with highly dispersive solitons in twin couplers with stochastic perturbations and white noise effects**
 Zayed E. M., El-Horbaty M. M., El-Shater M., Arnous A. H., SEÇER A., ÖZİŞIK M., BAYRAM M., Elsherbeny A. M.
Ain Shams Engineering Journal, 2024 (SCI-Expanded)
- XXV. **Revealing optical soliton solutions of Schrödinger equation having parabolic law and anti-cubic law with weakly nonlocal nonlinearity**
 Ozdemir N., Altun S., Secer A., Özışık M., Bayram M.
Journal of Taibah University for Science, vol.18, no.1, 2024 (SCI-Expanded)
- XXVI. **On obtaining analytical soliton solutions of Drinfeld-Sokolov-Satsuma-Hirota equation via two efficient methods**
 Cakicioglu H., ÇINAR M., SEÇER A., ÖZİŞIK M., BAYRAM M.
Physica Scripta, vol.99, no.1, 2024 (SCI-Expanded)
- XXVII. **On the optical soliton solutions of the perturbed Fokas-Lenells equation having parabolic law of self-phase modulation in the presence of spatio-temporal dispersion**
 ÖNDER İ., ÖZİŞIK M., SEÇER A., BAYRAM M.
Modern Physics Letters B, 2024 (SCI-Expanded)
- XXVIII. **Retrieval of optical soliton solutions of stochastic perturbed Schrödinger-Hirota equation with Kerr law in the presence of spatio-temporal dispersion**
 ÖZİŞIK M., SEÇER A., BAYRAM M.
Optical and Quantum Electronics, vol.56, no.1, 2024 (SCI-Expanded)
- XXIX. **Bright soliton of Stochastic perturbed Biswas-Milovic equation with cubic-quintic-septic law having multiplicative white noise**
 ÖZDEMİR N., Altun S., ÖZİŞIK M., SEÇER A., BAYRAM M.
Revista Mexicana de Fisica, vol.70, no.2, 2024 (SCI-Expanded)
- XXX. **Retrieval of the optical soliton solutions of the perturbed Schrödinger–Hirota equation with generalized anti-cubic law nonlinearity having the spatio-temporal dispersion**
 ÖNDER İ., SEÇER A., ÖZİŞIK M., BAYRAM M.
Mathematical Methods in the Applied Sciences, 2024 (SCI-Expanded)
- XXXI. **Optical soliton solutions of the third-order nonlinear Schrödinger equation in the absence of chromatic dispersion**
 ÖZİŞIK M., SEÇER A., BAYRAM M.
Modern Physics Letters B, 2024 (SCI-Expanded)
- XXXII. **Bright soliton of the perturbed Schrödinger–Hirota equation with cubic-quintic-septic law of self-phase modulation in the presence of spatiotemporal dispersion**
 ÖZDEMİR N., Altun S., SEÇER A., ÖZİŞIK M., BAYRAM M.
European Physical Journal Plus, vol.139, no.1, 2024 (SCI-Expanded)
- XXXIII. **Optical solitons for the dispersive concatenation model with spatio-temporal dispersion having multiplicative white noise**
 Arnous A. H., Elsherbeny A. M., SEÇER A., ÖZİŞIK M., BAYRAM M., Shah N. A., Chung J. D.
Results in Physics, vol.56, 2024 (SCI-Expanded)
- XXXIV. **Optical solitons of the (1 + 1)-dimensional perturbed complex Ginzburg-Landau equation having the Kerr law in the absence of the chromatic dispersion**
 ÖZDEMİR N., SEÇER A., ÖZİŞIK M., BAYRAM M., YÜCE S.
Modern Physics Letters B, 2024 (SCI-Expanded)
- XXXV. **Highly dispersive optical solitons in fiber Bragg gratings for stochastic Lakshmanan-Porsezian-Daniel equation with spatio-temporal dispersion and multiplicative white noise**
 Zayed E. M., Arnous A. H., Secer A., Özışık M., Bayram M., Shah N. A., Chung J. D.
Results in Physics, vol.55, 2023 (SCI-Expanded)
- XXXVI. **Investigating of the pure-cubic optical solitons in the presence of spatio-temporal and inter-modal dispersions**
 ESEN H., ÖNDER İ., SEÇER A., ÖZİŞIK M., BAYRAM M.

- European Physical Journal Plus, vol.138, no.11, 2023 (SCI-Expanded)
- XXXVII. Optical solitons of a cubic-quartic nonlinear Schrödinger equation with parabolic law nonlinearity in optical metamaterials**
 Das S. E., Ozisik M., Bayram M., Secer A., Albayrak P.
 International Journal of Geometric Methods in Modern Physics, vol.20, no.13, 2023 (SCI-Expanded)
- XXXVIII. Optical soliton solutions of the nonlinear Schrödinger equation in the presence of chromatic dispersion with cubic-quintic-septic-nonic nonlinearities**
 Ozdemir N., Secer A., Özışık M., Bayram M.
Physica Scripta, vol.98, no.11, 2023 (SCI-Expanded)
- XXXIX. Optical solitons of (2+1)-dimensional Biswas–Milovic model with Kerr and parabolic laws of self-phase modulation**
 Das S. E., Ozisik M., Secer A., Bayram M., Albayrak P.
Optik, vol.288, 2023 (SCI-Expanded)
- XL. On solution of Schrödinger–Hirota equation with Kerr law via Lie symmetry reduction**
 ÖNDER İ., SEÇER A., Hashemi M. S., ÖZIŞIK M., Bayram M.
Nonlinear Dynamics, vol.111, no.20, pp.19315–19327, 2023 (SCI-Expanded)
- XLI. Retrieval of optical solitons: Complex cubic-quintic Ginzburg–Landau equation augmented with the anti-cubic law**
 ÇINAR M., Cakicioglu H., SEÇER A., ÖZIŞIK M., BAYRAM M.
Optik, vol.289, 2023 (SCI-Expanded)
- XLII. Resonant NLSE in the presence of spatio-temporal and intermodal dispersion is dominated by a myriad of nonlinearities**
 ÖZIŞIK M., SEÇER A., BAYRAM M.
Physica Scripta, vol.98, no.10, 2023 (SCI-Expanded)
- XLIII. Soliton solutions of the (2 + 1)-dimensional Kadomtsev–Petviashvili equation via two different integration schemes**
 ÖZIŞIK M., SEÇER A., Bayram M., Yusuf A., Sulaiman T. A.
International Journal of Modern Physics B, vol.37, no.22, 2023 (SCI-Expanded)
- XLIV. Stochastic optical solitons of the perturbed nonlinear Schrödinger equation with Kerr law via Ito calculus**
 ÖNDER İ., ESEN H., SEÇER A., ÖZİŞİK M., BAYRAM M., Qureshi S.
European Physical Journal Plus, vol.138, no.9, 2023 (SCI-Expanded)
- XLV. Discovering optical soliton solutions in the Biswas–Milovic equation through five innovative approaches**
 ÖZİŞİK M., SEÇER A., Bayram M.
Optik, vol.286, 2023 (SCI-Expanded)
- XLVI. Soliton solutions of Heisenberg spin chain equation with parabolic law nonlinearity**
 Altun S., ÖZDEMİR N., ÖZİŞİK M., SEÇER A., BAYRAM M.
Optical and Quantum Electronics, vol.55, no.8, 2023 (SCI-Expanded)
- XLVII. Optical soliton solutions of dispersive Schrödinger–Hirota equation with chromatic and inter-modal dispersion in a couple of law medium**
 ÖNDER İ., ESEN H., SEÇER A., ÖZİŞİK M., BAYRAM M.
Optical and Quantum Electronics, vol.55, no.8, 2023 (SCI-Expanded)
- XLVIII. Optical solitons of improved perturbed nonlinear Schrödinger equation with cubic-quintic-septic and triple-power laws in optical metamaterials**
 ÇINAR M., Cakicioglu H., SEÇER A., ÖZİŞİK M., BAYRAM M.
Physica Scripta, vol.98, no.7, 2023 (SCI-Expanded)
- XLIX. On the investigation of chiral solitons via modified new Kudryashov method**
 ÖZİŞİK M., SEÇER A., Bayram M.
International Journal of Geometric Methods in Modern Physics, vol.20, no.7, 2023 (SCI-Expanded)
- L. Optical solitons for the dispersive Schrödinger–Hirota equation in the presence of spatio-temporal**

- dispersion with parabolic law**
- ÖZDEMİR N., SEÇER A., ÖZİŞIK M., BAYRAM M.
European Physical Journal Plus, vol.138, no.6, 2023 (SCI-Expanded)
- LI. **Stochastic dispersive Schrödinger–Hirota equation having parabolic law nonlinearity with multiplicative white noise via Ito calculus**
Cakicioglu H., ÖZİŞIK M., SEÇER A., Bayram M.
Optik, vol.279, 2023 (SCI-Expanded)
- LII. **Optical soliton solutions of Schrödinger–Hirota equation with parabolic law nonlinearity via generalized Kudryashov algorithm**
Cakicioglu H., ÖZİŞIK M., SEÇER A., Bayram M.
Optical and Quantum Electronics, vol.55, no.5, 2023 (SCI-Expanded)
- LIII. **Kink Soliton Dynamic of the (2+1)-Dimensional Integro-Differential Jaulent–Miodek Equation via a Couple of Integration Techniques**
Cakicioglu H., ÖZİŞIK M., SEÇER A., Bayram M.
Symmetry, vol.15, no.5, 2023 (SCI-Expanded)
- LIV. **On solitary wave solutions for the extended nonlinear Schrödinger equation via the modified F-expansion method**
ÖZİŞIK M., SEÇER A., Bayram M.
Optical and Quantum Electronics, vol.55, no.3, 2023 (SCI-Expanded)
- LV. **Retrieval of Optical Solitons with Anti-Cubic Nonlinearity**
ÖZİŞIK M., SEÇER A., Bayram M., Biswas A., González-Gaxiola O., Moraru L., Moldovanu S., Iticescu C., Bibicu D., Alghamdi A. A.
Mathematics, vol.11, no.5, 2023 (SCI-Expanded)
- LVI. **Investigation of optical soliton solutions of higher-order nonlinear Schrödinger equation having Kudryashov nonlinear refractive index**
ÖZİŞIK M., SEÇER A., Bayram M., ÇINAR M., ÖZDEMİR N., ESEN H., ÖNDER İ.
Optik, vol.274, 2023 (SCI-Expanded)
- LVII. **(3+1)-dimensional Sasa–Satsuma equation under the effect of group velocity dispersion, self-frequency shift and self-steepening**
ÖZİŞIK M., SEÇER A., Bayram M.
Optik, vol.275, 2023 (SCI-Expanded)
- LVIII. **Optical soliton solutions of (1+1)- and (2+1)-dimensional generalized Sasa–Satsuma equations using new Kudryashov method**
Çınar M., Secer A., Özışık M., Bayram M.
INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, vol.20, no.2, 2023 (SCI-Expanded)
- LIX. **Solitons in dual-core optical fibers with chromatic dispersion**
ÖZİŞIK M., Bayram M., SEÇER A., ÇINAR M.
Optical and Quantum Electronics, vol.55, no.2, 2023 (SCI-Expanded)
- LX. **On the investigation of optical soliton solutions of cubic-quartic Fokas–Lenells and Schrödinger–Hirota equations**
ÖZİŞIK M., ÖNDER İ., ESEN H., ÇINAR M., Ozdemir N., SEÇER A., Bayram M.
Optik, vol.272, 2023 (SCI-Expanded)
- LXI. **Investigation of optical soliton solutions for the perturbed Gerdjikov–Ivanov equation with full-nonlinearity**
ÖNDER İ., SEÇER A., ÖZİŞIK M., Bayram M.
Heliyon, vol.9, no.2, 2023 (SCI-Expanded)
- LXII. **Soliton Waves with the (3+1)-Dimensional Kadomtsev–Petviashvili–Boussinesq Equation in Water Wave Dynamics**
ÖZİŞIK M., SEÇER A., Bayram M.
Symmetry, vol.15, no.1, 2023 (SCI-Expanded)
- LXIII. **Soliton and other solutions of the (2+1)-dimensional Date–Jimbo–Kashiwara–Miwa equation with**

- conformable derivative**
Ozdemir N., SEÇER A., ÖZİŞIK M., Bayram M.
Physica Scripta, vol.98, no.1, 2023 (SCI-Expanded)
- LXIV. **Obtaining the soliton solutions of local M-fractional magneto-electro-elastic media**
Ozdemir N., SEÇER A., ÖZİŞIK M., Bayram M.
Heliyon, vol.9, no.1, 2023 (SCI-Expanded)
- LXV. **Acquiring the solitons of inhomogeneous Murnaghan's rod using extended Kudryashov method with Bernoulli-Riccati approach**
ÖZİŞIK M., Secer A., Bayram M., Sulaiman T. A., Yusuf A.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.36, no.30, 2022 (SCI-Expanded)
- LXVI. **Optical soliton solutions of the Chen–Lee–Liu equation in the presence of perturbation and the effect of the inter-modal dispersion, self-steepening and nonlinear dispersion**
ÖZİŞIK M., Bayram M., SEÇER A., Cinar M.
Optical and Quantum Electronics, vol.54, no.12, 2022 (SCI-Expanded)
- LXVII. **Obtaining optical soliton solutions of the cubic-quartic Fokas-Lenells equation via three different analytical methods**
Önder İ., Secer A., Ozisik M., Bayram M.
OPTICAL AND QUANTUM ELECTRONICS, vol.54, no.12, 2022 (SCI-Expanded)
- LXVIII. **Novel (2+1) and (3+1) forms of the Biswas–Milovic equation and optical soliton solutions via two efficient techniques**
ÖZİŞIK M.
Optik, vol.269, 2022 (SCI-Expanded)
- LXIX. **Two Analytical Schemes for the Optical Soliton Solution of the (2+1)-dimensional Biswas–Milovic equation in the presence of nonlinearity and dispersion**
Ozdemir N., SEÇER A., ÖZİŞIK M., BAYRAM M.
UNIVERSE, vol.8, no.11, 2022 (SCI-Expanded)
- LXX. **Soliton solutions to the nonlinear higher dimensional Kadomtsev-Petviashvili equation through the new Kudryashov's technique**
ESEN H., SEÇER A., ÖZİŞIK M., BAYRAM M.
PHYSICA SCRIPTA, vol.97, no.11, 2022 (SCI-Expanded)
- LXXI. **Optical solitons for Biswas-Milovic equation using the new Kudryashov's scheme**
Altun S., ÖZİŞIK M., Secer A., Bayram M.
OPTIK, vol.270, 2022 (SCI-Expanded)
- LXXII. **Optical soliton perturbation with Fokas-Lenells equation via enhanced modified extended tanh-expansion approach**
ESEN H., ÖZİŞIK M., Secer A., Bayram M.
OPTIK, vol.267, 2022 (SCI-Expanded)
- LXXIII. **The bell-shaped perturbed dispersive optical solitons of Biswas-Arshed equation using the new Kudryashov's approach**
ÖZİŞIK M., SEÇER A., Bayram M.
OPTIK, vol.267, 2022 (SCI-Expanded)
- LXXIV. **On the examination of optical soliton pulses of Manakov system with auxiliary equation technique**
ÖZİŞIK M., SEÇER A., Bayram M.
OPTIK, vol.268, 2022 (SCI-Expanded)
- LXXV. **Optical solitons to the (1+2)-dimensional Chiral non-linear Schrodinger equation**
ÖZİŞIK M., Bayram M., Secer A., ÇINAR M., Yusuf A., Sulaiman T. A.
OPTICAL AND QUANTUM ELECTRONICS, vol.54, no.9, 2022 (SCI-Expanded)
- LXXVI. **Original Perturbation of dispersive optical solitons with Schrodinger-Hirota equation with Kerr law and spatio-temporal dispersion**
Ozdemir N., SEÇER A., ÖZİŞIK M., Bayram M.
OPTIK, vol.265, 2022 (SCI-Expanded)
- LXXVII. **An encyclopedia of Kudryashov's integrability approaches applicable to optoelectronic devices**

- ÖZİŞIK M., SEÇER A., Bayram M., Aydin H.
 OPTIK, vol.265, 2022 (SCI-Expanded)
- LXXVIII. **Dispersive optical solitons of Biswas-Arshed equation with a couple of novel**
 ÖZİŞIK M., SEÇER A., Bayram M.
 OPTIK, vol.265, 2022 (SCI-Expanded)
- LXXIX. **Analytical soliton solutions of the higher order cubic-quintic nonlinear Schrodinger equation and the influence of the model's parameters**
 ESEN H., SEÇER A., ÖZİŞIK M., Bayram M.
 JOURNAL OF APPLIED PHYSICS, vol.132, no.5, 2022 (SCI-Expanded)
- LXXX. **Optical solitons with Kudryashov's sextic power-law nonlinearity**
 Ozisik M., Cinar M., Secer A., Bayram M.
 OPTIK, vol.261, 2022 (SCI-Expanded)
- LXXXI. **Derivation of optical solitons of dimensionless Fokas-Lenells equation with perturbation term using Sardar sub-equation method**
 ÇINAR M., SEÇER A., ÖZİŞIK M., Bayram M.
 OPTICAL AND QUANTUM ELECTRONICS, vol.54, no.7, 2022 (SCI-Expanded)
- LXXXII. **Dark, bright and singular optical solutions of the Kaup-Newell model with two analytical integration schemes**
 ESEN H., SEÇER A., ÖZİŞIK M., Bayram M.
 Optik, vol.261, 2022 (SCI-Expanded)
- LXXXIII. **On the analytical optical soliton solutions of perturbed Radhakrishnan-Kundu-Lakshmanan model with Kerr law nonlinearity**
 ÖZİŞIK M., SEÇER A., Bayram M., Yusuf A., Sulaiman T. A.
 OPTICAL AND QUANTUM ELECTRONICS, vol.54, no.6, 2022 (SCI-Expanded)
- LXXXIV. **An Efficient Method for Analytically Solving (1+ 2)-dimensional Chiral Non-linear Schrödinger Equation**
 Özışık M., Bayram M., Seçer A., Cinar M.
 OPTICAL AND QUANTUM ELECTRONICS, vol.3, no.4, pp.44-61, 2022 (SCI-Expanded)
- LXXXV. **On the optical soliton solutions of Kundu-Mukherjee-Naskar equation via two different analytical methods**
 ÖNDER İ., SEÇER A., ÖZİŞIK M., Bayram M.
 Optik, vol.257, 2022 (SCI-Expanded)
- LXXXVI. **On the optical soliton solution of the (1+1)- dimensional perturbed NLSE in optical nano-fibers**
 ÖZİŞIK M.
 OPTIK, vol.250, 2022 (SCI-Expanded)
- LXXXVII. **DISPERSION OF GENERALIZED RAYLEIGH WAVES IN THE HALF-PLANE COVERED WITH PRE-STRETCHED TWO LAYERS UNDER COMPLETE CONTACT**
 Özışık M.
 THERMAL SCIENCE, vol.25, 2021 (SCI-Expanded)
- LXXXVIII. **Dynamics of the Moving Ring Load Acting in the System "Hollow Cylinder plus Surrounding Medium" with Inhomogeneous Initial Stresses**
 Akbarov S. D., Bagirov E. T., ÖZİŞIK M.
 CMC-COMPUTERS MATERIALS & CONTINUA, vol.61, no.2, pp.503-534, 2019 (SCI-Expanded)
- LXXXIX. **Three-dimensional dynamics of the moving load acting on the interior of the hollow cylinder surrounded by the elastic medium**
 AKBAROV S., MEHDIYEV M. A., OZISIK M.
 STRUCTURAL ENGINEERING AND MECHANICS, vol.67, no.2, pp.185-206, 2018 (SCI-Expanded)
- XC. **The Influence of the Imperfectness of Contact Conditions on the Critical Velocity of the Moving Load Acting in the Interior of the Cylinder Surrounded with Elastic Medium**
 ÖZİŞIK M., MEHDIYEV M. A., Akbarov S.
 CMC-COMPUTERS MATERIALS & CONTINUA, vol.54, no.2, pp.103-136, 2018 (SCI-Expanded)

- XCI. **Dynamic interaction of a prestressed nonlinear elastic layer and a half-plane**
 Akbarov S., OZISIK M.
 INTERNATIONAL APPLIED MECHANICS, vol.40, no.9, pp.1056-1063, 2004 (SCI-Expanded)
- XCII. **The influence of the third order elastic constants to the generalized Rayleigh wave dispersion in a pre-stressed stratified half-plane**
 Akbarov S., OZISIK M.
 INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, vol.41, no.17, pp.2047-2061, 2003 (SCI-Expanded)
- XCIII. **Rayleigh-wave propagation in a half-plane covered with a prestressed layer under complete and incomplete interfacial contact**
 Ozisik M., Akbarov S.
 MECHANICS OF COMPOSITE MATERIALS, vol.39, no.2, pp.177-182, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Pure-Cubic Optical Solitons and Stability Analysis with Kerr Law Nonlinearity**
 Albayrak P., Ozisik M., Bayram M., Sefer A., Das S. E., Biswas A., Yildirim Y., Mirzazadeh M., Asiri A.
 Contemporary Mathematics (Singapore), vol.4, no.3, pp.530-548, 2023 (Scopus)
- II. **Non-topological Soliton Solution of (2+1)-dimensional Complex Three Coupled Nonlinear Maccari's Model via Modified New Kudryashov Scheme**
 ÖZİŞİK M., TEKERCİOĞLU R.
 Avrupa Bilim ve Teknoloji Dergisi, 2022 (Peer-Reviewed Journal)
- III. **The soliton solutions of (2+1)-dimensional nonlinear two-coupled Maccari equation with complex structure via new Kudryashov scheme**
 Önder İ., Özişik M., Seçer A.
 New Trends in Mathematical Sciences, vol.10, no.1, pp.82-89, 2022 (Conference Book)
- IV. **Sinc-Galerkin method for solving system of singular perturbed reaction-diffusion problems**
 SEÇER A., ÖNDER İ., ÖZİŞİK M.
 SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.39, no.2, pp.203-212, 2021 (ESCI)
- V. **Tabaka İle Örtülü Yarı Düzlemdeki Yüzey Dalgalarına Tabaka Kalınlığı ve Ön Gerilmelerin Etkisinin Tam Temas Koşulları Altında İncelenmesi**
 ÖZİŞİK M.
 Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.25, pp.87-93, 2021 (Peer-Reviewed Journal)
- VI. **Logaritma Fonksiyonunun İrrasyonel Fonksiyon İle Temsili ve Bu Temsile Dayalı Üstel Fonksiyon Elde Edilmesi Üzerine**
 ÖZİŞİK M.
 Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.25, pp.542-549, 2021 (Peer-Reviewed Journal)
- VII. **Lineer Elastik ve Öngerilmeli Tabaka İle Örtülmüş Lineer Elastik ve Öngerilmeli Yarı Düzlemdede Genelleştirilmiş Rayleigh Dalgalarının Dispersiyonu**
 ÖZİŞİK M.
 Sigma Journal of Engineering and Natural Sciences - Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.2003, no.3, pp.9-23, 2003 (Peer-Reviewed Journal)
- VIII. **Lineer elastik ve ön gerilmeli tabaka ile örtülmüş lineer elastik ve ön gerilmeli yarı düzlemdede genelleştirilmiş Rayleigh dalgalarının dispersiyonu**
 ÖZİŞİK M.
 Yıldız Teknik Üniversitesi Dergisi, pp.6-23, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Optical solitons of dispersive Schrödinger-Hirota equation having cubic-quintic-septic law nonlinearity with spatio-temporal dispersion**
Daş S. E., Özışık M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.93-94
- II. **Optical Soliton Solutions of Stochastic Nonlinear Schrödinger Equation with Kerr Law Nonlinearity**
Önder İ., Esen H., Özışık M., Seçer A., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.99
- III. **Retrieval optical solitons of perturbed Radhakrishnan-Kundu-Lakshmanan equation**
Albayrak P., Özışık M., Seçer A., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.91-92
- IV. **The Complex Cubic-Quintic Ginzburg-Landau Equation having Anti-Cubic Law Nonlinearity and Its Optical Solitons**
Çınar M., Çakıcioğlu H., Seçer A., Özışık M., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.95
- V. **Optical solitons of (2+1)-dimensional Biswas-Milovic equation having kerr law nonlinearity**
Daş S. E., Özışık M., Seçer A., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.90
- VI. **Optical soliton solutions of Schrödinger-Hirota equation with stochastic distribution with multiplicative white noise and nonlinear parabolic law via Ito calculus**
Çakıcioğlu H., Özışık M., Seçer A., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.101
- VII. **Dimensionless form of (1+1)-dimensional Radhakrishnan-Kundu-Lakshmanan equation with parabolic law of self-phase modulation in the presence of group velocity dispersion**
Albayrak P., Özışık M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.96-97
- VIII. **Reveal of optical pulse envelop of the perturbed Schrödinger-Hirota equation with anti-cubic law nonlinearity**
Altun S., Özdemir N., Seçer A., Özışık M., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.98
- IX. **Soliton Solutions of the Drinfeld-Sokolov-Satsuma-Hirota Equation**
Çınar M., Çakıcioğlu H., Seçer A., Özışık M., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.104
- X. **Extracting optical soliton perturbations for the perturbed Gerdjikov-Ivanov equation in the existence of the spatio-temporal dispersion**
Özışık M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.100
- XI. **Bright soliton structure of Perturbed Schrödinger-Hirota equation with cubic-quintic-septic law of self-phase modulation**
Özdemir N., Seçer A., Özışık M., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.102

- XII. On Soliton Solutions of Parabolic Law with Non-Local Nonlinearity for Improved Perturbed Nonlinear Schrödinger Equation**
Esen H., Önder İ., Seçer A., Özışık M., Bayram M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.105
- XIII. On optical solitons of the (1+1)-dimensional Biswas-Milovic equation having Kerr law and parabolic-law with weak non-local nonlinearity in the presence of spatio-temporal dispersion**
Saygın Z. M., Seçer A., Özışık M.
(hybrid) International Conference on Nonlinear Science and Complexity (ICNSC23,) July 10-15, 2023, İstanbul-Turkey, İstanbul, Turkey, 10 - 15 July 2023, pp.106-107
- XIV. Analytical soliton solution of (2 + 1)-dimensional Kadomtsev-Petviashvili-Joseph-Egri Equation via efficient two integral schemes**
Çakıcıoğlu H., Özışık M., Seçer A.
10th (Online) International Conference on Applied Analysis and Mathematical Modeling (ICAAMM22), İstanbul, Turkey, 01 July 2022, pp.44
- XV. On the optical soliton solutions of a couple of equations with Kerr law nonlinearity**
Önder İ., Çınar M., Esen H., Özışık M., Seçer A., Bayram M.
International Conference on Analysis and Applied Mathematics, İstanbul, Turkey, 31 October - 06 November 2022, pp.134
- XVI. Stochastic optical solitons of the (2+1)-dispersive nonlinear Schrödinger equation having multiplicative white noise via Ito sense**
ALTUN S., ÖZIŞIK M., SEÇER A., BAYRAM M.
International Symposium on Applied Mathematics and Engineering (ISAME2022), İstanbul, Turkey, 31 October 2022, pp.137
- XVII. Investigation of optical soliton solutions of higher order nonlinear Schrödinger equations with Kudryashov nonlinear refractive index**
ÇINAR M., ÖNDER İ., ÖZDEMİR N., ESEN H., ÖZİŞİK M., SEÇER A., BAYRAM M.
Sixth International Conference on Analysis and Applied Mathematics - ICAAM 2022, İstanbul, Turkey, 31 October 2022, pp.131
- XVIII. Optical soliton with Schrödinger-Hirota equation having parabolic law by generalized Kudryashov scheme**
ÇAKICIĞLU H., ÖZİŞİK M., SEÇER A., BAYRAM M.
Sixth International Conference on Analysis and Applied Mathematics - ICAAM 2022, İstanbul, Turkey, 31 October 2022, pp.132-134
- XIX. An investigation on nonlinear higher order Schrödinger equation having refractive indices and chromatic dispersion**
Özışık M., Seçer A., Bayram M., Çınar M., Esen H., Önder İ.
Online International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 1 - 03 July 2022, pp.61-62
- XX. Soliton solutions of Fokas system in monomode optical media**
Önder İ., Seçer A., Özışık M.
Online International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 1 - 03 July 2022, pp.63
- XXI. Optical soliton solutions of nonlinear Schrödinger-Hirota model involving nonlinear chromatic dispersion**
ÖZİŞİK M., SEÇER A., BAYRAM M., ÖZDEMİR N., ÇINAR M., ESEN H., ÖNDER İ.
10th (Online) International Conference on Applied Analysis and Mathematical Modeling (ICAAMM22), İstanbul, Turkey, 1 - 03 July 2022, pp.34-35
- XXII. An investigation of the DNA Peyrard–Bishop equation with beta-derivative**
SEÇER A., ÖZİŞİK M., ÖZDEMİR N., ÇINAR M., BAYRAM M.
10th (Online) International Conference on Applied Analysis and Mathematical Modeling (ICAAMM22), İstanbul,

- Turkey, 1 - 03 July 2022, pp.48
- XXIII. **An investigation on nonlinear higher order Schrödinger equation having refractive indices and chromatic dispersion**
ÖZİŞİK M., SEÇER A., BAYRAM M., ÖZDEMİR N., ÇINAR M., ESEN H., ÖNDER İ.
10th (Online) International Conference on Applied Analysis and Mathematical Modeling (ICAAMM22), İstanbul, Turkey, 1 - 03 July 2022, pp.60
- XXIV. **Investigation of Hirota's equation under the influence of model parameter in single-mode fiber**
ÖZİŞİK M.
10th (Online) International Conference on Applied Analysis and Mathematical Modeling (ICAAMM22), İstanbul, Turkey, 01 July 2022, pp.45
- XXV. **The Soliton Solutions of (2+1)-Dimensional Nonlinear Two-Coupled Maccari Equation with Complex Structure via New Kudryashov Scheme**
Önder İ., Seçer A., Özışık M.
Online International Symposium on Applied Mathematics Engineering, İstanbul, Turkey, 21 - 23 January 2022, pp.97
- XXVI. **Application of Extended Rational Sin-Cos and Sinh-Cosh Method for the System of Nonlinear Partial Differential Equations**
Önder İ., Seçer A., Özışık M., Bayram M.
Online International Conference on Applied Analysis and Mathematical Modeling, 2021, İstanbul, Turkey, 11 - 13 June 2021, pp.36
- XXVII. **Numerical Solution of Fractional Order Partial Differential Equation via Modified Laplace Method**
Önder İ., Seçer A., Özışık M., Bayram M.
Online International Conference on Applied Analysis and Mathematical Modeling, 2021 , İstanbul, Turkey, 11 - 13 June 2021, pp.39
- XXVIII. **An irrational function approach for exponential calculations and exponential function graphs**
Özışık M.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM19, İstanbul, Turkey, 10 - 13 March 2019, pp.234
- XXIX. **An Irrational function proposal for logarithm calculation**
Özışık M.
International Conference on Applied Analysis and Mathematical Modeling ICAAMM18, İstanbul, Turkey, 20 - 24 July 2018, pp.234
- XXX. **Generalized Rayleigh Wave Propagation In The Half-Plane Covered By Two Pre-Stretched Layers**
D.Akbarov S., Özışık M.
The Seventh International Conference On Vibration Problems, İstanbul, Turkey, 5 - 09 September 2005, pp.5
- XXXI. **Lineer elastik ve çekme ön gerilmeli tabaka ile örtülmüş basınç ön gerilmeli yarı düzlemden genelleştirilmiş Rayleigh dalgalarının dispersiyonu**
ÖZİŞİK M.
XIII. Ulusal Mekanik Kongresi, Gaziantep, Turkey, 08 September 2003, pp.625-634
- XXXII. **Rayleigh wave propagation in a half-plane covered with a prestressed layer under complete and incomplete interfacial contact**
ÖZİŞİK M., D.AKBAROV S.
MCM-2002 Twelfth Internaitonal Conference (Mechanics of Composite Materials, June 9-13, 2002, Riga-Latvia), Riga, Latvia, 09 June 2002, pp.140
- XXXIII. **Öngerilmeli Tabaka ile Örtülmüş Yarı Düzlemden Boyuna Dalga yayılımı**
ÖZİŞİK M., D.AKBAROV S.
XII. ULUSAL MEKANİK KONGRESİ, Konya, Turkey, 10 - 14 September 2001, pp.709-717
- XXXIV. **Longitudinal wave propagation in half plane covered with pre-stressed layer**
Ozisik M., Akbarov S. D.
Eighth Annual International Conference on Composites Engineering, Canary Islands, Spain, 05 August 2001, pp.707-708

Scientific Refereeing

- 182-Nonlinear Dynamics, Journal Indexed in SCI-E, October 2024
181-Alexandria Engineering Journal, Journal Indexed in SCI-E, October 2024
179-Physica Scripta , Journal Indexed in SCI-E, October 2024
178-Results in Engineering-Material Engineering, Journal Indexed in SCI-E, October 2024
184-Chaos, Solitons and Fractals: X - Interdisciplinary applications of Mathematics, Journal Indexed in SCI-E, October 2024
180-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, October 2024
185-Nonlinear Dynamics, Journal Indexed in SCI-E, October 2024
186-International Journal of Applied and Computational Mathematics, Journal Indexed in SCI-E, October 2024
183-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, October 2024
188-Physics Letters A - Mathematical physics, Journal Indexed in SCI-E, October 2024
189-Heliyon-Physical and Applied Sciences, Journal Indexed in SCI-E, October 2024
187-Physics Letters A - Mathematical physics, Journal Indexed in SCI-E, October 2024
176-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, September 2024
173-AIMS Mathematics, Journal Indexed in SCI-E, September 2024
177-Alexandria Engineering Journal, Journal Indexed in SCI-E, September 2024
175-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, September 2024
172-Physics Letters A-Nonlinear science, Journal Indexed in SCI-E, September 2024
174-Nonlinear Dynamics, Journal Indexed in SCI-E, September 2024
156-International Journal of Applied and Computational Mathematics, Journal Indexed in SCI-E, August 2024
157-Physica Scripta , Journal Indexed in SCI-E, August 2024
159-Nonlinear Dynamics, Journal Indexed in SCI-E, August 2024
158-Physica Scripta , Journal Indexed in SCI-E, August 2024
160-Alexandria Engineering Journal, Journal Indexed in SCI-E, August 2024
165-Mathematics and Computers in Simulation, Journal Indexed in SCI-E, August 2024
167-Applied Ocean Research, Journal Indexed in SCI-E, August 2024
166-Results in Engineering-Electronics Engineering, Journal Indexed in SCI-E, August 2024
162-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, August 2024
164-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, August 2024
163-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, August 2024
161-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, August 2024
169-Results in Optics, Journal Indexed in SCI-E, August 2024
170-MDPI-Symmetry-Mathematics-(Symmetry in Integrable Systems and Soliton Theories), Journal Indexed in SCI-E, August 2024
171-Optical and Quantum Electronics, Journal Indexed in SCI-E, August 2024
168-Chaos, Solitons and Fractals - Nonlinear dynamics, solitons, noise, non equilibrium and quantum processes, Journal Indexed in SCI-E, August 2024
150-Modern Physics Letter B , Journal Indexed in SCI-E, July 2024
149-Scientific Reports, Journal Indexed in SCI-E, July 2024
155-Qeios, Journal Indexed in SCI-E, July 2024
151-PLOS ONE, Journal Indexed in SCI-E, July 2024
154-Journal of Taibah University for Science-Physics, Journal Indexed in SCI-E, July 2024
153-Optical and Quantum Electronics, Journal Indexed in SCI-E, July 2024
152-Scientific Reports, Journal Indexed in SCI-E, July 2024
143-Contemporary Mathematics, Journal Indexed in ESCI, June 2024
144-Alexandria Engineering Journal, Journal Indexed in SCI-E, June 2024
145-Contemporary Mathematics, Journal Indexed in ESCI, June 2024
147-PLOS ONE, Journal Indexed in SCI-E, June 2024
148-Contemporary Mathematics, Journal Indexed in SCI-E, June 2024

- 146-Optical and Quantum Electronics, Journal Indexed in SCI-E, June 2024
- 136-Physica Scripta , Journal Indexed in SCI-E, May 2024
- 137-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, May 2024
- 138-Physica Scripta , Journal Indexed in SCI-E, May 2024
- 139-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, May 2024
- 140-Contemporary Mathematics, Journal Indexed in ESCI, May 2024
- 141-Optik-Optical solitons , Journal Indexed in SCI-E, May 2024
- 142-MDPI-Symmetry, Journal Indexed in SCI-E, May 2024
- 130-Results in Physics - Mathematical Physics, Journal Indexed in SCI-E, April 2024
- 134-Physica D: Nonlinear Phenomena, Journal Indexed in SCI-E, April 2024
- 132-Contemporary Mathematics, Journal Indexed in ESCI, April 2024
- 133-Qualitative Theory of Dynamical Systems, Journal Indexed in SCI-E, April 2024
- 135-Alexandria Engineering Journal, Journal Indexed in SCI-E, April 2024
- 131-Journal of Optics , Journal Indexed in SCI-E, April 2024
- 122-Physica Scripta , Journal Indexed in SCI-E, March 2024
- 123-Modern Physics Letter B , Journal Indexed in SCI-E, March 2024
- 128-Alexandria Engineering Journal, Journal Indexed in SCI-E, March 2024
- 120-MDPI-Sensors, Journal Indexed in SCI-E, March 2024
- 125-Journal of Optics , Journal Indexed in SCI-E, March 2024
- 121-Chaos, Solitons and Fractals - Nonlinear dynamics, solitons, noise, non equilibrium and quantum processes, Journal Indexed in SCI-E, March 2024
- 129-Results in Physics - Mathematical Physics, Journal Indexed in SCI-E, March 2024
- 126-Applied Mathematics, Journal Indexed in SCI-E, March 2024
- 124-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, March 2024
- 127-Optik-Optical solitons , Journal Indexed in SCI-E, March 2024
- 115-Chaos, Solitons and Fractals - Nonlinear Dynamics, Solitons, Noise, Non Equilibrium and Quantum Processes, Journal Indexed in SCI-E, February 2024
- 114-Qualitative Theory of Dynamical Systems, Journal Indexed in SCI-E, February 2024
- 113-Quantum Science and Technology, Journal Indexed in SCI-E, February 2024
- 112-Alexandria Engineering Journal, Journal Indexed in SCI-E, February 2024
- 111-Optik-Optical solitons , Journal Indexed in SCI-E, February 2024
- 117-Alexandria Engineering Journal, Journal Indexed in SCI-E, February 2024
- 118-Physica Scripta , Journal Indexed in SCI-E, February 2024
- 116-Optical And Quantum Electronics, Journal Indexed in SCI-E, February 2024
- 119-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, February 2024
- 110-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, January 2024
- 105-Alexandria Engineering Journal, Journal Indexed in SCI-E, January 2024
- 106-Results in Physics - Particle and High Energy Physics, Journal Indexed in SCI-E, January 2024
- 108-Optical and Quantum Electronics, Journal Indexed in SCI-E, January 2024
- 109-Alexandria Engineering Journal, Journal Indexed in SCI-E, January 2024
- 102-Chaos, Solitons and Fractals - Interdisciplinary Applications of Mathematics, Journal Indexed in SCI-E, January 2024
- 107-Contemporary Mathematics, Journal Indexed in ESCI, January 2024
- 101-Alexandria Engineering Journal, Journal Indexed in SCI-E, January 2024
- 104-Quantum Science and Technology, Journal Indexed in SCI-E, January 2024
- 103-Advances in Mathematical Physics, Journal Indexed in SCI-E, January 2024
- 92-Modern Physics Letter B, Journal Indexed in SCI-E, December 2023
- 94-Optik-Optical solitons , Journal Indexed in SCI-E, December 2023
- 97-Physica Scripta , Journal Indexed in SCI-E, December 2023
- 98-Optical and Quantum Electronics, Journal Indexed in SCI-E, December 2023
- 99-Contemporary Mathematics, Journal Indexed in ESCI, December 2023
- 100-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, December 2023

- 95-MDPI-Symmetry-Physics, Journal Indexed in SCI-E, December 2023
- 96-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, December 2023
- 93-Modern Physics Letter A, Journal Indexed in SCI-E, December 2023
- 89-Journal of Mathematics, Journal Indexed in SCI-E, November 2023
- 87-Results in Physics - Mathematical Physics, Journal Indexed in SCI-E, November 2023
- 90-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, November 2023
- 88-Alexandria Engineering Journal, Journal Indexed in SCI-E, November 2023
- 91-Alexandria Engineering Journal, Journal Indexed in SCI-E, November 2023
- 72-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, October 2023
- 74-Alexandria Engineering Journal, Journal Indexed in SCI-E, October 2023
- 78-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, October 2023
- 77-Optik-Optical Design, Journal Indexed in SCI-E, October 2023
- 80-Optical and Quantum Electronics, Journal Indexed in SCI-E, October 2023
- 85-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, October 2023
- 86-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, October 2023
- 73-MDPI-Applied Sciences - Computational Fluid Dynamics (CFD) and Its Applications, Journal Indexed in SCI-E, October 2023
- 81-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, October 2023
- 83-Alexandria Engineering Journal, Journal Indexed in SCI-E, October 2023
- 84-Alexandria Engineering Journal, Journal Indexed in SCI-E, October 2023
- 79-Qualitative Theory of Dynamical Systems, Journal Indexed in SCI-E, October 2023
- 76-Physica Scripta , Journal Indexed in SCI-E, October 2023
- 82-Results in Optics, Journal Indexed in SCI-E, October 2023
- 75-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, October 2023
- 71-Optik - Optical Networks and Communication, Journal Indexed in SCI-E, September 2023
- 64-Optik - Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, September 2023
- 62-Alexandria Engineering Journal, Journal Indexed in SCI-E, September 2023
- 68-MDPI-Materials, Journal Indexed in SCI-E, September 2023
- 63-Optical and Quantum Electronics, Journal Indexed in SCI-E, September 2023
- 65-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, September 2023
- 66-Results in Physics - Mathematical Physics, Journal Indexed in SCI-E, September 2023
- 70-Optik - Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, September 2023
- 69-Optik - Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, September 2023
- 61-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, September 2023
- 67-Alexandria Engineering Journal, Journal Indexed in SCI-E, September 2023
- 52-Optik-Optical Networks and Communication, Journal Indexed in SCI-E, August 2023
- 54-Partial Differential Equations in Applied Mathematics, Journal Indexed in SCI-E, August 2023
- 46-Sensors - Biomedical Sensors - Optical and Acoustical Methods for Biomedical Imaging and Sensing , Journal Indexed in SCI-E, August 2023
- 48-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 51-Optical and Quantum Electronics, Journal Indexed in SCI-E, August 2023
- 53-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 56-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 58-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 47-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 55-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 49-Alexandria Engineering Journal, Journal Indexed in SCI-E, August 2023
- 57-Result in Physics - Mathematical Physics, Journal Indexed in SCI-E, August 2023
- 59-HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, August 2023
- 50-Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, August 2023
- 60-Result in Physics - Mathematical Physics, Journal Indexed in SCI-E, August 2023

HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, July 2023
HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, July 2023
Optik - Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, July 2023
HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, July 2023
CONTEMPORARY MATHEMATICS, Journal Indexed in ESCI, July 2023
HELIYON-Physical and Applied Sciences, Journal Indexed in SCI-E, July 2023
Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, July 2023
Optik - Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, July 2023
MDPI-Symmetry - Mathematics and Symmetry/Asymmetry, Journal Indexed in SCI-E, July 2023
Journal of Applied Science and Engineering, Journal Indexed in SCI-E, July 2023
Optik- Optical solitons, Journal Indexed in SCI-E, July 2023
AEJ - ALEXANDRIA ENGINEERING JOURNAL, Journal Indexed in SCI-E, June 2023
Optik-Nonlinear Optics and Matter Waves, Journal Indexed in SCI-E, June 2023
Result in Physics - Mathematical physics, Journal Indexed in SCI-E, June 2023
Result in Physics - Mathematical Physics, Journal Indexed in SCI-E, June 2023
MDPI-Applied Sciences, Journal Indexed in SCI-E, June 2023
Optik-Nonlinear dynamics in optics and photonics, Journal Indexed in SCI-E, June 2023
Ain Shams Engineering Journal - Engineering Physics and Mathematics, SCI Journal, June 2023
Optik - Optical solitons, Journal Indexed in SCI-E, May 2023
Modern Physics Letter B, Journal Indexed in SCI-E, May 2023
Ain Shams Engineering Journal - Engineering Physics and Mathematics, Journal Indexed in SCI-E, May 2023
Heliyon - Physical and Applied Sciences, Journal Indexed in SCI-E, May 2023
Result in Physics - Mathematical physics, Journal Indexed in SCI-E, May 2023
EUROPEAN PHYSICAL JOURNAL PLUS, Journal Indexed in SCI-E, May 2023
MDPI-Sensors, Journal Indexed in SCI-E, May 2023
Optik - Optical solitons, Journal Indexed in SCI-E, May 2023
Optik - 3D Display, Journal Indexed in SCI-E, May 2023
Result in Physics - Nonlinear science, Journal Indexed in SCI-E, May 2023
Results in Optik, Journal Indexed in SCI-E, April 2023
Result in Physics - Nonlinear science, Journal Indexed in SCI-E, April 2023
Optik - Optical solitons, Journal Indexed in SCI-E, April 2023
EUROPEAN PHYSICAL JOURNAL PLUS, Journal Indexed in SCI-E, April 2023
Result in Physics - Nonlinear Science, Journal Indexed in SCI-E, April 2023
OPTICAL AND QUANTUM ELECTRONICS, Journal Indexed in SCI-E, March 2023
MDPI-Symmetry, Journal Indexed in SCI-E, March 2023
MDPI-Atmosphere, Journal Indexed in SCI-E, March 2023
Result in Physics - Nonlinear science, Journal Indexed in SCI-E, February 2023
MDPI-Symmetry, Journal Indexed in SCI-E, February 2023
AEJ - ALEXANDRIA ENGINEERING JOURNAL, Journal Indexed in SCI-E, February 2023
Result in Physics - Mathematical physics, Journal Indexed in SCI-E, February 2023
Annals of Mathematics and Physics, Journal Indexed in SCI-E, February 2023
OPTICAL AND QUANTUM ELECTRONICS, Journal Indexed in SCI-E, December 2022
AN INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL: THEORIES & APPLICATIONS (IJOCTA), Journal
Indexed in SCI-E, November 2022
OPTICAL AND QUANTUM ELECTRONICS, Journal Indexed in SCI-E, November 2022
EUROPEAN PHYSICAL JOURNAL PLUS, Journal Indexed in SCI-E, November 2022
OPTICAL AND QUANTUM ELECTRONICS, Journal Indexed in SCI-E, October 2022

Tasks In Event Organizations

Özışık M., ONLINE 10th INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2022, Scientific Congress, İstanbul, Turkey, Temmuz 2022

Özışık M., ONLINE INTERNATIONAL SYMPOSIUM ON APPLIED MATHEMATICS AND ENGINEERING - ISAME 2022, Scientific Congress, İstanbul, Turkey, Ocak 2022

Özışık M., ONLINE 9th INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2021, Scientific Congress, İstanbul, Turkey, Haziran 2021

Özışık M., INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2020, Scientific Congress, İstanbul, Turkey, Haziran 2020

Özışık M., INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2019, Scientific Congress, İstanbul, Turkey, Mart 2019

Özışık M., INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2018, Scientific Congress, İstanbul, Turkey, Haziran 2018

Özışık M., INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING - ICAAMM 2017, Scientific Congress, İstanbul, Turkey, Temmuz 2017

Metrics

Publication: 141

Citation (WoS): 814

Citation (Scopus): 1326

H-Index (WoS): 18

H-Index (Scopus): 23

Congress and Symposium Activities

Sixth International Conference on Analysis and Applied Mathematics - ICAAM 2022, Attendee, İstanbul, Turkey, 2022

10th (Online) International Conference on Applied Analysis and Mathematical Modeling, ICAAMM2022, Attendee, İstanbul, Turkey, 2022

10th (Online) International Conference on Applied Analysis and Mathematical Modeling, ICAAMM2022, Session Moderator, İstanbul, Turkey, 2022

Online International Symposium on Applied Mathematics and Engineering (ISAME22), Session Moderator, İstanbul, Turkey, 2022

Online International Symposium on Applied Mathematics and Engineering (ISAME22), Attendee, İstanbul, Turkey, 2022
9th (Online) International Conference on Applied Analysis and Mathematical Modeling, ICAAMM2021, Attendee, İstanbul, Turkey, 2021

8th International Conference on Applied Analysis and Mathematical Modeling, ICAAMM2019, Attendee, İstanbul, Turkey, 2019

7th International Conference on Applied Analysis and Mathematical Modeling, ICAAMM2018, Attendee, İstanbul, Turkey, 2018

International Conference On Applied Analysis And Algebra - ICAAA2012, Session Moderator, İstanbul, Turkey, 2012

XIII. Ulusal Mekanik Kongresi - Gaziantep, Attendee, Gaziantep, Turkey, 2003

XII. Ulusal Mekanik Kongresi, Konya, Attendee, Konya, Turkey, 2002

Mechanics of Composite Materials - MCM 2002 , Attendee, Riga, Latvia, 2002

Eighth Annual International Conference on Composites Engineering - Canary Islands - Tenerife, Attendee, Tenerife, Spain, 2001

Non Academic Experience

YILDIZ TEKNİK ÜNİVERSİTESİ