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Publons / Web Of Science ResearcherID: JJE-4233-2023

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Education Information

Doctorate, Mugla Sitki Kocman University, Turkey 2013 - 2020

Postgraduate, Mugla Sitki Kocman University, Turkey 2011 - 2013

Undergraduate, Selcuk University, Turkey 2004 - 2008

Dissertations

Doctorate, İyonik amfifillerin karmaşık çözeltilerde sıvı kristalik mezofazları ve bu mezofazların termo-optiksel ve dielektriksel özellikleri, Mugla Sitki Kocman University, 2020

Postgraduate, LaMnO₃ bileşiğinde la ve Mn yerine yapılan %20 cu katkısının yapısal ve elektriksel özelliklere etkisi, Mugla Sitki Kocman University, 2013

Research Areas

Natural Sciences

Academic Titles / Tasks

Research Assistant, Mugla Sitki Kocman University, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Microstructural characterization and high-temperature wear behavior of refractory niobium-carbide growth in intermetallic iron-aluminide coatings**
Günen A., ALTINAY Y., Sabun Ş.
Engineering Failure Analysis, vol.163, 2024 (SCI-Expanded)
- Effect of the incorporating of refractory NbC precipitates in intermetallic iron-aluminide coatings on corrosion and high-temperature oxidation behavior**
Günen A., ALTINAY Y., Sabun Ş., Alkan S.
Surface and Coatings Technology, vol.483, 2024 (SCI-Expanded)

- III. **Effect of powder-pack aluminizing on microstructure and oxidation resistance of wire arc additively manufactured stainless steels**
Gürol U, ALTINAY Y., Günen A., Bölükbaşı Ö. S., Koçak M., Çam G.
Surface and Coatings Technology, vol.468, 2023 (SCI-Expanded)
- IV. **Investigation of Multi-Phase Structure and Optoelectronic Performance of Bi-Doped (Cu–Zn) Oxide Composite Thin Films**
ALTINAY Y., Akkaya A., Aydın R., Sahin B.
ChemElectroChem, vol.10, no.17, 2023 (SCI-Expanded)
- V. **Determination of fracture toughness of boride layers grown on Co_{1.21}Cr_{1.82}Fe_{1.44}Mn_{1.32}Ni_{1.12}Al_{0.08}B_{0.01} high entropy alloy by nanoindentation**
Günen A., Makuch N., ALTINAY Y., Çarboğa C., Dal S., Karaca Y.
Ceramics International, vol.48, no.24, pp.36410-36424, 2022 (SCI-Expanded)
- VI. **SILAR processing and characterization of bare and graphene oxide (GO) and reduced graphene oxide (rGO)-doped CuO thin films**
ALTINAY Y., Gökoğlan E., Yener Ç., Ünlü G., Şahin B.
Applied Physics A: Materials Science and Processing, vol.128, no.9, 2022 (SCI-Expanded)
- VII. **Microstructure, hardness and high temperature wear characteristics of boronized Monel 400**
Küçük Y., Döleker K. M., Gök M. S., Dal S., ALTINAY Y., Erdoğan A.
Surface and Coatings Technology, vol.436, 2022 (SCI-Expanded)
- VIII. **Microstructure, some mechanical properties and tribocorrosion wear behavior of boronized Al_{0.07}Co_{1.26}Cr_{1.80}Fe_{1.42}Mn_{1.35}Ni_{1.10} high entropy alloy**
Karakas M. S., Günen A., Çarboğa C., Karaca Y., Demir M., ALTINAY Y., Erdoğan A.
Journal of Alloys and Compounds, vol.886, 2021 (SCI-Expanded)
- IX. **A green approach for the preparation of nanostructured zinc oxide: Characterization and promising antibacterial behaviour**
TAŞDEMİR A., Aydın R., Akkaya A., Akman N., ALTINAY Y., ÇETİN H., Şahin B., UZUN A., AYYILDIZ E.
Ceramics International, vol.47, no.14, pp.19362-19373, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Küresel Grafittli Dökme Demir Yüzeyinde Termokimyasal Yöntemlerle NbC-FeAl Kaplamaların Eldesi**
Sabun Ş., GÜNEN A., ALTINAY Y.
ASOS Yayınevi, vol.2, no.3, pp.220-231, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Nanostructured ZnO/CuO composite thin films with capping agent of HDTMA-Br for future electronics**
ALTINAY Y., ŞAHİN B.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 November 2022, pp.504-510
- II. **Perovskit SrMnO₃ bileşiklerinin sentezi ve karakterizasyonu**
TURGUT S., ALTINAY Y.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 - 26 November 2021, pp.321
- III. **Ultrasonik homojenizatör cihazı kullanılarak katı hal sentez yöntemi ile üretilen perovskit BaMnO₃ bileşiklerin yapısal özellikleri**
ALTINAY Y., TURGUT S.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 - 26 November

2021, pp.317

- IV. **Graphene oxide (GO) and reduced graphene oxide (r-GO)-doped CuO thin films for potential future electronic applications**
ALTINAY Y., ÜNLÜ C. G., ŞAHİN B.
8th International conference on materials science and nanotechnology for next generation (MSNG2021), Elazığ, Turkey, 14 - 16 July 2021, pp.160
- V. **Morphologic, Mesomorphic and Optical Refracting Properties in Lyotropic Systems Based on Mixtures of Alkyltrimethyl Ammonium Bromide**
ALTINAY Y., NESRULLAZADE A.
Türk Fizik Derneği 34. Uluslararası Fizik Kongresi (TFD34), 5 - 09 September 2018
- VI. **Morphologic and Optical Refracting Properties: Aqueous Bicomponent Amphiphilic Lyotropic Systems**
ALTINAY Y., NESRULLAZADE A.
Türk Fizik Derneği 34. Uluslararası Fizik Kongresi (TFD34), 05 September 2018
- VII. **Textures and Optical Refraction in Complex Amphiphilic Lyotropic Liquid Crystalline Systems**
ALTINAY Y., NESRULLAZADE A.
7. Uluslararası İleri Teknolojiler Konferansı (Icat), Muğla, Turkey, 28 - 01 April 2018
- VIII. **Textures phase states and electroconductivity in bicomponent amphiphilic DDTMABrHDTMABrwater lyotropic system**
ALTINAY Y., NESRULLAZADE A.
7th International Conference on Advanced Technologies (ICAT) Kongresi, 28 March - 01 April 2018
- IX. **Thermo-optical properties of the L1 phase in binary lyotropic systems**
ALTINAY Y., NESRULLAZADE A.
3. Fen Bilimleri Araştırma Sempozyumu, Turkey, 21 December 2017
- X. **Peculiarities of Homeotropic Alignment of Nematic Mesophases in Lyotropic Liquid Crystal**
ÖZDEN P., ALTINAY Y., NESRULLAZADE A.
Turkish Physical Society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017, pp.631
- XI. **Study of Phase States in Complex Lyotropic System of Bicomponent Amphiphiles**
ALTINAY Y., NESRULLAZADE A.
Turkish Physical society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- XII. **Induced Defects and Non-Homogeneities in Textures of Lyotropic Nematics**
ALTINAY Y., ÖZDEN P., NESRULLAZADE A.
Turkish Physical society 33rd International Physics Congress, Muğla, Turkey, 6 - 10 September 2017
- XIII. **Morphologic Peculiarities of Textures: Singularities in Thermotropic and Lyotropic Nematics**
MAMUK A. E., NESRULLAZADE A., ÖZDEN P., ALTINAY Y.
Turkish Physical Society 33rd International Physics Congress, Bodrum, Turkey, 6 - 10 September 2017, pp.629
- XIV. **Phase State and Electrical Conductivity of Isotropic Micellar Phase L1 in Ternary Lyotropic System Based on HDTMABrDDTMABr**
ALTINAY Y., NESRULLAZADE A.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Budapest, Hungary, 3 - 07 May 2017
- XV. **Concentration and Temperature-Concentration Behavior of the Optical Refractive Properties: L1 phase in (Amphiphile1 Amphiphile2)/Water Lyotropic System**
NESRULLAZADE A., ALTINAY Y.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Budapest, Hungary, 3 - 07 May 2017
- XVI. **Comparative Investigations of Temperature and Concentration Behavior of Optical Refractive Properties in Lyotropic Systems**
ALTINAY Y., NESRULLAZADE A.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Budapest, Hungary, 3 - 07 May 2017

- XVII. **Modelling and simulation of photovoltaic solar cell with single-diode equivalent circuit model**
BAYHAN H., bayhan m., KAVASOĞLU A. S., KAVASOĞLU N., ALTINAY Y.
5th International Conference on Engineering and Natural Sciences (ICENS), 24 - 28 May 2016
- XVIII. **CdTe, CIGS ve CZTS bazlı ince film güneş pillerinin karanlık IV özellikleri üzerine bir çalışma**
ALTINAY Y., NESRULLAZADE A.
3. Fen Bilimleri Araştırma Sempozyumu, Turkey, 05 May 2016
- XIX. **Characterisation of complex modulus by rc equivalent modeling methodology**
ALTINAY Y., BAYHAN M.
Uluslar arası Balkan Fizik Birliği Konferansı-BPU9, 24 August - 27 May 2015
- XX. **Modelling of The Junction Interface By Impedance Spectroscopic Estimation**
kocakır b., BAYHAN H., ÖZDEN Ş., ALTINAY Y., karaman e., bayhan m., DÖNMEZ A.
2nd International Semiconductor Science and Technology Conference, 11 - 13 May 2015
- XXI. **Effect Of Annealing Time onto Room Temperature Properties of CdS/CdTe Solar Cells**
ÖZDEN Ş., BAYHAN H., DÖNMEZ A., ALTINAY Y., durose k., major j., bayhan m.
Turkish Solar Electricity Conference And Exhibition - SolarTR-3, 27 - 29 March 2015
- XXII. **Effect of Annealing Duration onto The Defect Spectra of CdS/CdTe Solar Cells, Turkish Solar Electricity Conference And Exhibition**
ÖZDEN Ş., turan dağkaldıran e., durose k., major j., BAYHAN H., ALTINAY Y., DÖNMEZ A.
Turkish Solar Electricity Conference And Exhibition - SolarTR-3, 27 - 29 March 2015

Supported Projects

ALTINAY Y., TURGUT S., Katı-Hal Yöntemi ile Sentezlenen BaMnO₃ ve SrMnO₃ Perovskit Manganit Bileşiklerin Yapısal ve Manyetik Özelliklerinin İncelenmesi, 2020 - Continues

ALTINAY Y., LaMnO₃ bileşiğinde la ve Mn yerine yapılan 20 cu katkısının yapısal ve elektriksel özelliklere etkisi, Continues

ALTINAY Y., NESRULLAZADE A., İyonik amfifillerin karmaşık çözeltilerde sıvı kristalik mezofazları ve bu mezofazların termo-optiksel ve dielektriksel özellikleri, 2017 - 2020

Metrics

Publication: 32

Citation (Scopus): 156

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