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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 2005 - 2011

Yüksek Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, Türkiye 2001 - 2004

Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1999 - 2001

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Neodyum (Nd+3) katkılı yitriyumsilikat (Nd3+:YSO) nanofosfor sentezi, optiksel ve yapısal özellikleri, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 2011

Yüksek Lisans, Lutesyum Fitolasiyaninlerin Yapısal ve Elektriksel Özellikleri, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2004

Araştırma Alanları

Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2016 - 2018

Araştırma Görevlisi Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2011 - 2016

Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2001 - 2016

Akademik İdari Deneyim

Birim Kalite Komisyonu Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2017 - Devam Ediyor
Fakülte Yönetim Kurulu Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2020 - 2022

Bölüm Başkan Yardımcısı, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Fizik Bölümü, 2017 - 2022

Verdiği Dersler

Analog Elektronik, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Fizik II, Lisans, 2020 - 2021, 2019 - 2020

Dijital Elektronik, Lisans, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017

Mikrokontrolcülerle Proje Uygulamaları, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Fizik I, Lisans, 2020 - 2021, 2019 - 2020

Applied Optical Spectroscopy of Solids, Yüksek Lisans, 2019 - 2020

Devre Analizi, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Optik, Lisans, 2020 - 2021

Optik, Lisans, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Investigation of Up Conversion Emissions of Er³⁺/Yb³⁺ Codoped TeO₂-B₂O₃-Nb₂O₅-ZnO-WO₃-TiO₂ Glass Systems for Optical Thermometry**
Caner T. F., Sümer I., Doğan A., ERDEM M., ESMER K., Eryürek G.
ECS Journal of Solid State Science and Technology, cilt.12, sa.7, 2023 (SCI-Expanded)
- II. **The effect of crosslinker contents on the up-conversion luminescence properties of CdNb₂O₆: Er³⁺ powders embedded in the polyethylmethacrylate (PEMA) networks**
Buhari T., Aktas D. K., Erdem M., Eryurek G.
JOURNAL OF LUMINESCENCE, cilt.251, 2022 (SCI-Expanded)
- III. **Bright white light up-conversion luminescence from Yb³⁺/Er³⁺/Tm³⁺ tridoped gadolinium gallium garnet nano-crystals for multicolor and white light-emitting diodes**
ÖRÜCÜ H., Tabanlı S., ERDEM M., ÖZTÜRK Y., Eryürek G.
OPTICAL MATERIALS, cilt.131, 2022 (SCI-Expanded)
- IV. **Upconversion Yb³⁺/Er³⁺:La₂Ti₂O₇ phosphors for solid-state lighting and optical thermometry**
ERDEM M., Canturk S. B., Eryürek G.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.270, 2022 (SCI-Expanded)
- V. **Synthesis and characterization of the novel 4-(1-(pyridin-4-yl) ethoxyl) substituted bis(phthalocyaninato) rare earth complexes and investigation of their two-photon absorption-based third-order non-linear optical properties**
Çavuş A., GÖRK G., ERDEM M., ÖZER M.
Journal of Molecular Structure, cilt.1247, 2022 (SCI-Expanded)
- VI. **Upconversion Luminescence and Temperature Sensing Characteristics of Ho³⁺/Yb³⁺ co-doped Tellurite Glasses**
Doğan A., Erdem M., Esmer K., Eryürek G.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.00, sa.0, ss.0-9, 2021 (SCI-Expanded)
- VII. **Upconversion Yb³⁺/Er³⁺:Gadolinium Gallium Garnet Nanocrystals for White-Light Emission and Optical Thermometry**
Erdem M., Örüçü H., Cantürk S. B., Eryürek G.
ACS APPLIED NANO MATERIALS, cilt.4, sa.7, ss.7162-7171, 2021 (SCI-Expanded)
- VIII. **Investigation of the optical temperature sensing properties of up-converting TeO₂-ZnO-BaO activated with Yb³⁺/Tm³⁺ glasses**
Doğan A., ERDEM M.
Sensors and Actuators, A: Physical, cilt.322, 2021 (SCI-Expanded)
- IX. **Investigation of spectral output of Er³⁺ and Yb³⁺/Er³⁺ doped TeO₂-ZnO-BaO glasses for photonic applications**
Dogan A., Yildirim S. M., ERDEM M., ESMER K., Eryürek G.
NEW JOURNAL OF CHEMISTRY, cilt.45, sa.8, ss.3790-3799, 2021 (SCI-Expanded)

- X. **Nonlinear optical behavior and optical power limiting characteristics of peripheral symmetrical and non-symmetrical zinc phthalocyanines with nanosecond pulsed excitation**
Erdem M., Korkmaz E., Kösoğlu G., Ahmetali E., Farajzadeh N., Eryürek G., Koçak M.
Polyhedron, cilt.195, 2021 (SCI-Expanded)
- XI. **Synthesis, characterization, third-order non-linear optical properties and DFT studies of novel SUBO bridged ball-type metallophthalocyanines**
Alizadeh S., Kösoğlu G., Erdem M., Açar-Selçuki N., Özer M., Salih B., Bekaroğlu Ö.
DALTON TRANSACTIONS, cilt.49, sa.47, ss.17263-17273, 2020 (SCI-Expanded)
- XII. **Nonlinear optical properties of peripheral symmetrically and non-symmetrically 4-(trifluoromethoxy)phenoxy substituted zinc phthalocyanines**
Farajzadeh N., KÖSOĞLU G., ERDEM M., Eryürek G., Kocak M. B.
SYNTHETIC METALS, cilt.266, 2020 (SCI-Expanded)
- XIII. **Enhanced gain bandwidth of Tm³⁺ and Er³⁺ doped tellurite glasses for broadband optical amplifier**
Pepe Y., ERDEM M., Sennaroglu A., Eryürek G.
JOURNAL OF NON-CRYSTALLINE SOLIDS, cilt.522, 2019 (SCI-Expanded)
- XIV. **Crystalline phase effect on the up-conversion processes and white emission of Yb³⁺/Er³⁺/Tm³⁺:Y₂Si₂O₇ nanocrystals**
ERDEM M., Tabanlı S., Eryurek G., Samur R., Di Bartolo B.
DALTON TRANSACTIONS, cilt.48, sa.19, ss.6464-6472, 2019 (SCI-Expanded)
- XV. **Broadband, White Light Emission from Doped and Undoped Insulators**
Tabanlı S., Yilmaz H. C., Bilir G., Erdem M., Eryurek G., Di Bartolo B., Collins J.
ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, cilt.7, sa.1, 2018 (SCI-Expanded)
- XVI. **Effect of pressure and temperature on the white light produced by Ytterbium (III) doped and undoped Yttrium Silicate nanopowders excited by a laser diode**
Çinkaya Yılmaz H., Eryürek G., Bilir G., ERDEM M., Di Bartolo B.
JOURNAL OF LUMINESCENCE, cilt.181, ss.321-326, 2017 (SCI-Expanded)
- XVII. **Blue cooperative upconversion and white light emission from Y₂Si₂O₇:Yb³⁺ nanopowders due to 975-nm infrared excitation**
Eryürek G., Çinkaya Yılmaz H., ERDEM M., Bilir G.
JOURNAL OF NANOPHOTONICS, cilt.10, sa.2, 2016 (SCI-Expanded)
- XVIII. **Pressure effects on the cooperative emission of Yb³⁺ : Y₂Si₂O₇ nano-powders**
ERDEM M., Eryürek G., Mergen A., Di Bartolo B.
CERAMICS INTERNATIONAL, cilt.42, sa.1, ss.1501-1506, 2016 (SCI-Expanded)
- XIX. **Structural and optical properties of Nd³⁺ doped columbite SrNb₂O₆**
EKMEKÇİ M. K., ERDEM M., BAŞAK A. S., DANIŞ Ö.
OPTIK, cilt.127, sa.8, ss.4123-4126, 2016 (SCI-Expanded)
- XX. **Bright white up-conversion emission from sol-gel derived Yb³⁺/Er³⁺/Tm³⁺: Y₂SiO₅ nanocrystalline powders**
ERDEM M., Erguzel O., EKMEKÇİ M. K., ÖRÜCÜ H., Çinkaya Yılmaz H., GENÇ S., Mergen A., Eryürek G., Di Bartolo B.
CERAMICS INTERNATIONAL, cilt.41, sa.10, ss.12805-12810, 2015 (SCI-Expanded)
- XXI. **Change of spectral output with pressure and white light generation in nanoscale Yb³⁺:Y₂Si₂O₇**
ERDEM M., Eryürek G., Di Bartolo B.
OPTICAL MATERIALS, cilt.49, ss.90-93, 2015 (SCI-Expanded)
- XXII. **Structural and Spectroscopic Properties of -Y₂Si₂O₇ Nanopowders Activated with Nd³⁺ Ions**
ERDEM M., EKMEKÇİ M. K., ÖRÜCÜ H., Bilir G.
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, cilt.12, sa.5, ss.1016-1019, 2015 (SCI-Expanded)
- XXIII. **Molten salt synthesis and optical properties of Eu³⁺, Dy³⁺ or Nd³⁺ doped NiNb₂O₆ columbite-type phosphors**
Elmekci M. K., ERDEM M., BAŞAK A. S., İlhan M., Mergen A.
CERAMICS INTERNATIONAL, cilt.41, sa.8, ss.9680-9685, 2015 (SCI-Expanded)
- XXIV. **White light emission from sol-gel derived gamma-Y₂Si₂O₇ nanoparticles**

- ERDEM M., Eryürek G., Di Bartolo B.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.639, ss.483-487, 2015 (SCI-Expanded)
- XXV. **Up conversion based white light emission from sol-gel derived alpha-Y₂Si₂O₇ nanoparticles activated with Yb³⁺, Er³⁺ ions**
ERDEM M., Sitt B.
OPTICAL MATERIALS, cilt.46, ss.260-264, 2015 (SCI-Expanded)
- XXVI. **Thermal and size effect on the R lines luminescence in YAG:Cr³⁺**
Erdem M., Ozen G., YAHŞI U., Di Bartolo B.
JOURNAL OF LUMINESCENCE, cilt.158, ss.464-468, 2015 (SCI-Expanded)
- XXVII. **Molten salt synthesis, visible and near-IR region spectral properties of europium or neodymium doped CoNb₂O₆ columbite niobate**
EKMEKÇİ M. K., ERDEM M., BAŞAK A. S.
DALTON TRANSACTIONS, cilt.44, sa.12, ss.5379-5385, 2015 (SCI-Expanded)
- XXVIII. **Concentration effect of Er³⁺ ions on structural and spectroscopic properties of CdNb₂O₆ phosphors**
Ghafouri S. A., ERDEM M., EKMEKÇİ M. K., Mergen A., Ozen G.
MATERIALS RESEARCH BULLETIN, cilt.60, ss.562-565, 2014 (SCI-Expanded)
- XXIX. **Molten salt synthesis and spectral properties of Nd³⁺ doped CdNb₂O₆ columbite phosphors**
EKMEKÇİ M. K., ERDEM M., Mergen A., Ozen G., Di Bartolo B.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.591, ss.230-233, 2014 (SCI-Expanded)
- XXX. **Effect of spatial confinement on luminescence of Y₃Al₅O₁₂ nano-particles doped with chromium ions**
Ozen G., ERDEM M., Collins J., Bettinelli M., Di Bartolo B., Piccinelli F., Speghini A.
JOURNAL OF LUMINESCENCE, cilt.144, ss.191-197, 2013 (SCI-Expanded)
- XXXI. **Structural and spectroscopic properties of Nd³⁺:Y₂Si₂O₇ phosphors**
ERDEM M., Ozen G., TAV C., Di Bartolo B.
CERAMICS INTERNATIONAL, cilt.39, sa.6, ss.6029-6033, 2013 (SCI-Expanded)
- XXXII. **Crystallization behaviour of neodymium doped yttrium silicate nanophosphors**
ERDEM M., Ozen G., TAV C.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.31, sa.14, ss.2629-2631, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Spectral Investigation of Yb³⁺/Ho³⁺/Tm³⁺:Y₂Si₂O₇ Upconverting Nanophosphors for the Usage of Temperature Sensing**
ERDEM M., ESMER K., Eryürek G.
Journal of the Turkish Chemical Society, Section A: Chemistry, cilt.10, sa.1, ss.55-62, 2023 (Scopus)
- II. **Spectral Outputs of Yb³⁺/Pr³⁺ Doped Tellurite Glasses for Solid-State Lighting**
ERDEM M., Doğan A.
Journal of the Turkish Chemical Society, Section A: Chemistry, cilt.9, sa.1, ss.21-28, 2022 (Scopus)
- III. **CdCr₂/sub₄/sub İnce Filmlerin Çözelti Molaritesinin Yapısal ve Optiksel Özellikleri Üzerindeki Etkileri**
BOYRAZ C., ERDEM M., URFA Y.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.21, ss.88, 2017 (Hakemli Dergi)
- IV. **Concentration and Crystalline Phase Effects on the Spectroscopic Properties of Sol-Gel Synthesized Er³⁺:Y₂Si₂O₇ Nanopowders**
ERDEM M., ÖRÜCÜ H.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.21, sa.1, ss.173-177, 2017 (Hakemli Dergi)
- V. **Magnetic effect on the phase properties of neodymium-activated yttrium disilicate nanomaterials**
ERDEM M., BOYRAZ C.

Kitap & Kitap Bölümleri

- I. **Solid State Synthesis, Structural and Up-Conversion Properties of Yb³⁺/Er³⁺ and Yb³⁺/Tm³⁺/Er³⁺ Doped La₂Ti₂O₇ Phosphors,**
TABANLI S., ERDEM M., Canturk B., MERGEN A., ERYÜREK G.
Advanced Study Institute on NATO ASI on Quantum Nano-Photonics,, , Editör, Springer, ss.449-451, 2018
- II. **Investigation of the Luminescence Spectral Profiles and the Efficiencies of Yb³⁺, Nd³⁺, Tm³⁺ Doped Y₂O₃-SiO₂ Nano-phosphors**
ÇINKAYA YILMAZ H., BİLİR G., ERDEM M., ERYÜREK G.
Nano-Optics: Principles Enabling Basic Research and Applications, Baldassare Di Bartolo, John Collins, Luciano Silvestri, Editör, Springer Netherlands, ss.441-444, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Investigation of Spectral Properties of Er³⁺/Yb³⁺ CO-Doped TeO₂-B₂O₃-Nb₂O₅-ZnO-WO₃-TiO₂ Glass Systems**
CANER T. F., Sümer I., Doğan A., ERDEM M., ESMER K., ERYÜREK G.
International Black Sea Modern Scientific Research Congress, Türkiye, 29 Eylül 2022
- II. **OPTICAL AND DIELECTRIC PROPERTIES OF Dy³⁺ DOPED TeO₂-TiO₂-ZnO-WO₃ GLASSES**
Özgür H., Şahin N., Erdem M., Esmer K.
3. HAGIA SOPHIA INTERNATIONALCONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, 15 - 16 Eylül 2021, ss.205
- III. **EFFECT OF Nb₂O₅ ON THE OPTICAL AND DIELECTRIC PROPERTIES OF TELLURITE GLASS SYSTEMS ACTIVATED WITH Dy³⁺ IONS**
Şahin N., Özgür H., Erdem M., Esmer K.
3. HAGIA SOPHIA INTERNATIONALCONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC STUDIES, 15 - 16 Eylül 2021, ss.204
- IV. **DOWNCONVERSION LUMINESCENCE PROPERTIES OF Yb³⁺/Pr³⁺ DOPED TeO₂-ZnO-BaO GLASS SYSTEMS**
Doğan A., ERDEM M., ESMER K., ERYÜREK G.
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Erzurum, Türkiye, 10 Eylül 2021
- V. **UP CONVERSION LUMINESCENCE CHARACTERISTICS OF Yb³⁺/Er³⁺ DOPED TELLURITE BASED GLASSES**
CANER T. F., ERDEM M., ESMER K., ERYÜREK G.
1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (ISFAS-2021), Erzurum, Türkiye, 10 Eylül 2021
- VI. **Non-linear Optik Özellikli Yeni Tip (4- (1- (Piridin-4-il) etoksil)) Süstitüe Double-Decker Ftalosiyanın Komplekslerinin Sentezi ve Karakterizasyonu**
Çavuş A., Kösoğlu G., Erdem M., Özer M.
32. ulusal kimya kongresi, İstanbul, Türkiye, 17 - 19 Eylül 2020, ss.220-221
- VII. **Photoluminescence and optical temperature sensing properties of Er³⁺/Yb³⁺ codoped cadmium niobate**
ERDEM M., CANTÜRK S. B., EKMEKÇİ M. K., ÖRÜCÜ H.
35. International Turkish Physics Congress, 4 - 08 Eylül 2019
- VIII. **Temperature sensing behavior in Er³⁺/Yb³⁺ codoped Lutetium oxyorthosilicate nanopowders**
ÖRÜCÜ H., ERDEM M.
35. International Turkish Physics Congress, 4 - 08 Eylül 2019

- IX. **Synthesis, characterization and luminescence spectroscopy of GGG:Er₃,Yb₃ nanopowders prepared by sol-gel method**
ÖRÜCÜ H., ERDEM M., ERYÜREK G.
14. Nanoscience and Nanotechnology Conference, 23 - 25 Eylül 2018
- X. **Optical temperature sensing properties of Er₃/Yb₃ codoped Gadolinium gallium garnet nanopowders**
ÖRÜCÜ H., ERDEM M.
34. International Turkish Physics Congress, 4 - 10 Eylül 2018
- XI. **Nonlinear Optical Absorption and Refraction Properties of Zinc Phthalocyanine Compounds**
ERDEM M., EDEŞ HUYAL F. K., ERYÜREK G., PEKBELGİN KARAOĞLU H. R., KOÇAK M.
the congress of International Turkish World Engineering and Science, 7 - 10 Aralık 2017
- XII. **The Effect of substrate on physical properties of CdCr₂S₄ thin films**
BOYRAZ C., ERDEM M., URFA Y., ÖZDEMİR M.
1 st international Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017
- XIII. **Laser induced broad anti- Stokes white emission from La₂Ti₂O₇ activated with RE₃ ions**
ERDEM M., CANTÜRK B., MERGEN A., ERYÜREK G.
1.st International Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017
- XIV. **Morphology and Broad White Light Emission properties of Yb₃/Er₃/Tm₃: Y₂Si₂O₇**
SAMUR R., ERDEM M., ERYÜREK G.
1st International Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017
- XV. **SYNTHESIS AND LUMINESCENCE PROPERTIES OF THULIUM(III) DOPED and THULIUM(III) /NEODYMIUM(III) CODOPED YTTRIUM SILICATE NANOPHOSPHORS**
ÇINKAYA YILMAZ H., ERYÜREK G., ERDEM M., Di Bartolo B.
The Porous and Powder Materials Symposium and Exhibitions- PPM2017, 12 - 15 Eylül 2017
- XVI. **Solid State Synthesis, Structural and Up-Conversion Properties of Yb₃+ / Er₃+ and Yb₃+ / Tm₃+ / Er₃+ Doped La₂Ti₂O₇ Phosphors**
Tabanlı S., ERDEM M., Canturk B., Mergen A., Eryürek G.
NATO-Advanced-Study-Institute Conference on Quantum Nano-Photonics, Erice, İtalya, 3 - 04 Ağustos 2017, ss.449-451
- XVII. **Solid State Synthesis Structural and Up Conversion properties of Yb/Er₃ and Yb₃/Tm₃/Er₃ doped La₂Ti₂O₇ phosphors**
TABANLI S., ERDEM M., Canturk B., MERGEN A., ERYÜREK G.
International School of Atomic and Molecular Spect. 34th Quantum Nanooptics, 20 Temmuz - 04 Ağustos 2017
- XVIII. **Concentration effect on the Nonlinear Optical Absorption of the Novel 4-(2-(dibenzylamino)ethoxyl) Substituted Nickel(II) Phthalocyanine Complex**
ERDEM M., SEMA Ş., EDEŞ F. K., ÖZER M., SALİH B., ERYÜREK G., BEKAROĞLU Ö.
The International ISCMP Joint Science Congress of Materials and Polymers 25-28 August - Metropol Lake Resort - OHRID MACEDONIA, 25 Ağustos - 28 Temmuz 2017
- XIX. **Synthesis and Luminescence Properties of Lanthanide Doped Gd₃Ga₅O₁₂ Nanopowders**
ÖRÜCÜ H., ERDEM M., MERGEN A., ESMER K., ERYÜREK G.
WITAM 2016, 28 Eylül - 02 Ekim 2016
- XX. **Synthesis and luminescence properties of lanthanide doped Gd₃Ga₅O₁₂ nanopowders**
ÖRÜCÜ H., ERDEM M., MERGEN A., ESMER K., ERYÜREK G.
2ND INTERNATIONAL CONGRESS ON THE WORLD OF TECHNOLOGY AND ADVANCED MATERIALS, 28 Eylül - 02 Ekim 2016
- XXI. **Synthesis and Characterization of Gadolinium Gallium Garnet nanopowders by sol gel method**
ÖRÜCÜ H., ERDEM M.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 Eylül 2016
- XXII. **Morphology and Luminescence Characteristics of Yttrium disilicate doped with Yb₃ Er₃ Ho₃ and Tm₃**
BOYRAZ C., ERDEM M., EKMEKÇİ M. K., TAV C., ERYÜREK G.
2 nd world congress on new technologies ICNFA, 18 - 19 Ağustos 2016

- XXIII. **Synthesis characterization and photoluminescence properties of Er³⁺ Y₂SiO₇ nanophosphors**
ERDEM M., Orucu H., EKMEKÇİ M. K.
Applied Physics and Mathematics Rome (Italy), 25 - 27 Temmuz 2016
- XXIV. **Synthesis characterizations and photoluminescence properties of Er³⁺ Y₂SiO₇ nanophosphors**
ERDEM M., ÖRÜCÜ H., EKMEKÇİ M. K.
Global Conferences on Applied Physics and Mathematics Rome (Italy), ROMA, İtalya, 25 - 27 Temmuz 2016
- XXV. **Spectroscopic Properties of Sol Gel Synthesized Y₂SiO₇ Nd³⁺ Nanopowders based on concentration and crystalline phase**
ÖRÜCÜ H., ERDEM M., ERYÜREK G.
Global Conferences on Applied Physics and Mathematics Rome (Italy), 25 - 27 Temmuz 2016
- XXVI. **Structural and Optical Properties of Rare Earth Nano Crystalline Oxides Embedded in Polymethyl Methacrylate**
TABANLI S., BİLİR G., ERDEM M., ERYÜREK G.
TechConnect World Innovation Conference, Amerika Birleşik Devletleri, 22 - 25 Mayıs 2016, cilt.4, ss.217-220
- XXVII. **Effect of Pressure and Excitation Power on Up conversion Assisted White Light Emission in Yttrium Oxide and Silicate Nanophosphors**
ERYÜREK G., ERDEM M., BİLİR G.
TechConnect World Innovation Conference, 22 - 25 Mayıs 2016, cilt.4, ss.234-238
- XXVIII. **Investigation of Boron doping effect on photoluminescence properties of Dy³⁺ CdNb₂O₆ phosphors**
BAŞAK A. S., ERDEM M., EKMEKÇİ M. K.
20th International Conference on Solid Compounds of Transition Elements, SCTE-2016, Zaragoza, İspanya, 11 - 15 Nisan 2016
- XXIX. **Structural and Optical Properties of Nd³⁺ Doped Columbite SrNb₂O₆**
EKMEKÇİ M. K., ERDEM M., BAŞAK A. S., MERGEN A.
20th International Conference on Solid Compounds of Transition Elements, SCTE-2016, 11 - 15 Nisan 2016
- XXX. **On the pressure dependence of White light emitted by NIR excited Ytterbium III doped Yttrium Silicate**
ÇINKAYA YILMAZ H., ERYÜREK G., KELLY C., BİLİR G., ERDEM M., COLLINS J., BARTOLO B. D.
2016 Spring Meeting APS New England Section, 1 - 02 Nisan 2016
- XXXI. **Optical base pressure sensing ability of Yb³⁺ Y₂SiO₇ nanoparticles**
ERDEM M., ERYÜREK G., Bartolo B. D.
TechConnect World Innovation Conference, Amerika Birleşik Devletleri, 22 - 25 Mayıs 2016, cilt.4, ss.251-255
- XXXII. **Phase Dependent Magnetic Properties of Neodymium Doped Yttrium Disilicate Y₂SiO₇**
ERDEM M., BOYRAZ C.
6th International Conference on NANOTECHNOLOGY, Roma, İtalya, 7 - 09 Kasım 2015
- XXXIII. **Phase Dependent Magnetic Properties of Neodymium Doped Yttriumdisilicates**
ERDEM M., BOYRAZ C.
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Metrikler

Yayın: 100

Atıf (WoS): 284

Atıf (Scopus): 248

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