

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (Dr), 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 Yeterlilik

Yaptığı Tezler

Doktora, Neodyum (Nd³⁺) katkılı yitrium silikat (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

Mesleki Deneyim

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

Verdiği Dersler

Circuit Analysis, Lisans, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **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 İndekslerine Giren Dergi)
- **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, ss.6464-6472, 2019 (SCI İndekslerine Giren Dergi)

- **Broadband, White Light Emission from Doped and Undoped Insulators**

Tabanlı S., Yılmaz H. C. , Bilir G., Erdem M., Eryurek G., Di Bartolo B., Collins J.

ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY, cilt.7, 2018 (SCI İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)

- **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, 2016 (SCI İndekslerine Giren Dergi)

- **Pressure effects on the cooperative emission of Yb³⁺ : Y₂Si₂O₇ nano-powders**

ERDEM M., Eryürek G., Mergen A., Di Bartolo B.

CERAMICS INTERNATIONAL, cilt.42, ss.1501-1506, 2016 (SCI İndekslerine Giren Dergi)

- **Structural and optical properties of Nd³⁺ doped columbite SrNb₂O₆**

EKMEKÇİ M. K. , ERDEM M., BAŞAK A. S. , DANIŞ Ö.

OPTİK, cilt.127, ss.4123-4126, 2016 (SCI İndekslerine Giren Dergi)

- **Bright white up-conversion emission from sol-gel derived Yb³⁺/Er³⁺/Tm³⁺: Y₂Si₂O₅ 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, ss.12805-12810, 2015 (SCI İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)

- **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, ss.9680-9685, 2015 (SCI İndekslerine Giren Dergi)

- **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, ss.1016-1019, 2015 (SCI İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)

- **Thermal and size effect on the R lines luminescence in YAG:Cr³⁺**

Erdem M., Ozen G., YAŞIĞI U., Di Bartolo B.

JOURNAL OF LUMINESCENCE, cilt.158, ss.464-468, 2015 (SCI İndekslerine Giren Dergi)

- **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, ss.5379-5385, 2015 (SCI İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)

- **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 İndekslerine Giren Dergi)
- **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 İndekslerine Giren Dergi)
- **Structural and spectroscopic properties of Nd³⁺:Y₂Si₂O₇ phosphors**
ERDEM M., Ozen G., TAV C., Di Bartolo B.
CERAMICS INTERNATIONAL, cilt.39, ss.6029-6033, 2013 (SCI İndekslerine Giren Dergi)
- **Crystallization behaviour of neodymium doped yttrium silicate nanophosphors**
ERDEM M., Ozen G., TAV C.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.31, ss.2629-2631, 2011 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- **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, ss.173-177, 2017 (Diğer Kurumların Hakemli Dergileri)
- **Magnetic effect on the phase properties of neodymium-activated yttrium disilicate nanomaterials**
ERDEM M., BOYRAZ C.
TURKISH JOURNAL OF PHYSICS, cilt.40, ss.270-277, 2016 (ESCI İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

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

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **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
- **Temperature sensing behavior in Er³⁺/Yb³⁺ codoped Lutetium oxyorthosilicate nanopowders**
ÖRÜCÜ H., ERDEM M.
35. International Turkish Physics Congress, 4 - 08 Eylül 2019
- **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
- **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

- **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
- **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
- **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
- **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
- **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
- **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
- **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
- **Concentration effect on the Nonlinear Optical Absorption of the Novel 4-(2-(dibenzylamino)ethoxy) Substituted Nickel(II) Phthalocyanine Complex**
ERDEM M., SEMA Ş., EDES F. K. , ÖZER M., SALİH B., ERYÜREK G., BEKAROĞLU Ö.
The International ISCMP Joint Science Congress of Materials and Polymers 25-28 August - Metropal Lake Resort - OHRID MACEDONIA, 25 Ağustos - 28 Temmuz 2017
- **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
- **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
- **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
- **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
- **Spectroscopic Properties of Sol Gel Synthesized Y₂Si₂O₇ 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
- **Synthesis characterizations and photoluminescence properties of Er₃ Y₂Si₂O₇ nanophosphors**
ERDEM M., ÖRÜCÜ H., EKMEKÇİ M. K.
Global Conferences on Applied Physics and Mathematics Rome (Italy), ROMA, İtalya, 25 - 27 Temmuz 2016
- **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

- **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

- **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

- **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

- **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

- **Optical base pressure sensing ability of Yb³⁺ Y₂Si₂O₇ nanoparticles**

ERDEM M., ERYÜREK G., Bartolo B. D.

TechConnect World Innovation Conference, Amerika Birleşik Devletleri, 22 - 25 Mayıs 2016, cilt.4, ss.251-255

- **Phase Dependent Magnetic Properties of Neodymium Doped Yttrium Disilicate Y₂Si₂O₇**

ERDEM M., BOYRAZ C.

6th International Conference on NANOTECHNOLOGY, Roma, İtalya, 7 - 09 Kasım 2015

- **Phase Dependent Magnetic Properties of Neodymium Doped Yttriumdisilicates**

ERDEM M., BOYRAZ C.

6th International Conference on Nanotechnology(NANOTECHNOLOGY'15), İtalya, 7 - 09 Kasım 2015, cilt.55, ss.142-148

- **Cooperative and White Light Emission from Yb and Yb Er Doped Y₂Si₂O₇ Nanopowders**

BALDASSARE D. B. , ERDEM M., JOHN C., BRYAN S., JOSEPH L.

228th ECS Meeting (October 11-15, 2015) Phoenix, USA, 11 - 15 Ekim 2015

- **Structural and Magnetic Properties of Yttriumdisilicates doped with Neodymium**

BOYRAZ C., ERDEM M.

International Powder Porous Materials,2015, 15 - 17 Eylül 2015

- **White Upconversion Emission From Yb³⁺ Er³⁺ Tm³⁺ Y₂Si₂O₅ Nano Powders**

ERDEM M., OLGUN E., EKMEKÇİ M. K. , ÇINKAYA YILMAZ H., ÖRÜCÜ H., MERGEN A., ERYÜREK G., BALDASSARE D. B.

International Powder Porous Materials 2015, 15 Eylül 2015

- **Temperature Sensing Properties of Yb³⁺ Er³⁺ Y₂Si₂O₇**

ERDEM M., BRYAN S., JOSEPH L., ERYÜREK G., BALDASSARE D. B.

International Powder Porous Materials, 15 - 18 Eylül 2015

- **Pressure Effect On The Yb³⁺ Y₂si₂o₇ Nano Powders International Powder Porous Materials**

TAV C., ERDEM M., ERYÜREK G., MERGEN A., Di Bartolo .

International Powder Porous Materials, 15 - 17 Eylül 2015

- **Pressure Effect On The Yb³⁺ Y₂si₂o₇ Nano Powders**

ERDEM M., TAV C., MERGEN A., ERYÜREK G., BALDASSARE D. B.

International Powder Porous Materials 2015, 15 Eylül - 18 Nisan 2015

- **Phase dependent Spectroscopic properties of Neodymium or Erbium doped Yttriumdisilicates**

ERDEM M., EKMEKÇİ M. K. , Collins J., TAV C., MERGEN A., ERYÜREK G., Di Bartolo B.

International Powder Porous Materials, 15 - 19 Eylül 2015

- **Structural and Magnetic Properties of Neodymium Doped Yttriumdisilicates with Neodymium**

BOYRAZ C., ERDEM M.

International Powder and Porous Materials 2015, İzmir, Türkiye, 15 - 18 Eylül 2015

- **Synthesis and Optical Properties of Nd³⁺ doped Ln₃Nb₂O₇ Phosphors**

EKMEKÇİ M. K. , ERDEM M.

LUMIDOZ 9: THE 9TH INTERNATIONAL CONFERENCE ON LUMINESCENCE AND ESR DOSIMETRY, Türkiye,

02 Eylül 2014 - 04 Eylül 2015

- **Synthesis and Luminescent Properties of Europium Doped Rhombohedral type PbNb₂O₆ phosphors**
EKMEKÇİ M. K. , ERDEM M.
LUMIDOZ 9: THE 9TH INTERNATIONAL CONFERENCE ON LUMINESCENCE AND ESR DOSIMETRY, Türkiye, 2 - 04 Eylül 2015
- **Investigation of the Luminescence Spectral Profiles and the Efficiencies of Yb³⁺, Nd³⁺, Tm³⁺ Doped Y₂O₃-SiO₂ Nano-phosphors**
Çınkaya Yılmaz H., Bilir G., ERDEM M., Eryürek G.
NATO-Advanced-Study-Institute Meeting on Nano- Structures for Optics and Photonics - Nano-Optics - Principles Enabling Basic Research and Applications, Erice, İtalya, 4 - 19 Temmuz 2015, ss.441-444
- **Broad White Light Emission from Sol Gel Derived alpha Y₂Si₂O₇ Nanoparticles activated with Yb³⁺ and Er³⁺ ions**
JOSEPH L., ERDEM M., BRYAN S., BALDASSARE D. B.
American Physical Society New England Section Spring 2015 Meeting, 24 - 25 Nisan 2015
- **Upconversion White Blue and Red emission from Yb³⁺ Er³⁺ Tm³⁺ Y₂Si₂O₅ nanocrystalline powders**
OLGUN E., ERDEM M., EKMEKÇİ M. K. , ERYÜREK G., BALDASSARE D. B.
American Physical Society New England Section Spring 2015 Meeting, 24 - 25 Nisan 2015
- **Investigations of Er and Yb Doped Y₂O₃ Nano powders**
GAOZAN D., ERDEM M., XUESHENG C., BALDASSARE D. B.
American Physical Society New England Section Spring 2015, 24 - 25 Nisan 2015
- **White wide band emission from Yb³⁺ Y₂Si₂O₇ nanoparticles under IR excitation**
BRYAN S., ERDEM M., GHOZAN D., ERYÜREK G., BALDASSARE D. B.
American Physical Society New England Section Spring 2015 Meeting, 24 - 25 Nisan 2015
- **Unexpected Broadband Visible Emission from Sol Gel Derived Yttrium Silicate Nanopowders under 803.5 nm Laser Excitation**
ERDEM M., ERYÜREK G., Dİ BARTOLO B.
American Physical Society New England Section Fall 2014 Regional Meeting at the Wentworth Institute of Technology, 2 - 08 Ekim 2014
- **Structural And Luminescence Properties Of CdNb₂O₆ Er³⁺**
ERDEM M., EKMEKÇİ M. K. , GHAFOURI S., MERGEN A., ERYÜREK G.
Nato Advanced Study Institute On Nano-Structures For Optics And Photonics, 4 Temmuz - 19 Nisan 2013
- **Properties of Erbium doped Cadmium Niobate Powders**
ERYÜREK G., ERDEM M., EKMEKÇİ M. K. , MERGEN A.
Complex Luminescence Phenomena in Inorganic Materials, Erice, Sicily, Italy, Sicilya, İtalya, 30 - 15 Ağustos 2014
- **Effect of Nd³⁺ ions on the Crystallite Size Distribution of ZnSe Quantum Dots in SiO₂ Glasses**
THAMI E., KAYGUSUZ H., ERDEM M., ERYÜREK G.
2013 MRS Fall Meeting & Exhibit, 1 - 06 Aralık 2013
- **Micro Structure and Luminescence properties of Er³⁺ doped cdnb₂O₆ Columbite Oxides Synthesised by Molten Salt Technique**
SANAZ G., ERDEM M., EKMEKÇİ M. K. , MERGEN A., GÖKÇE H., ERYÜREK G.
International Porous and Powder Materials, 3 - 06 Eylül 2013
- **Microstructure of SiO₂ Glasses doped with ZnSe quantum dots and Nd³⁺ ions**
THAMI E., KAYGUSUZ H., ERDEM M., ERYÜREK G.
International Porous and Powder Materials, 3 - 06 Eylül 2013
- **Structural and Spectroscopic Properties of TeO₂ GeO₂ Doped with Er³⁺ ions**
PEPE Y., ERDEM M., ERYÜREK G.
International Porous and Powder Materials, 3 - 06 Eylül 2013
- **Spectroscopic Properties of Nd³⁺ Cdnb₂O₆ Phosphors**
ERDEM M., EKMEKÇİ M. K. , MERGEN A., ERYÜREK G., BALDASSARE D. B.
International Porous and Powder Materials, 3 - 06 Eylül 2013
- **Structural and spectroscopic properties of sol gelderived neodymium doped yttrium silicate**
ERDEM M., TAV C., ERYÜREK G.
7. Türkiye Nanobilim ve Nanoteknoloji Konferansı, Türkiye, 27 Haziran - 01 Temmuz 2011

- **Synthesis and characterization of nanocrystallineyttrium silicatematerials doped with neodymium**
ERDEM M., TAV C., ERYÜREK G.
6th Nanoscience and Nanotechnology Conference (NanoTR-VI), Türkiye, 15 - 18 Haziran 2010
- **Rutil Mangan Kompozit Seramiğinin Elektriksel Karakterizasyonu ve Nem Algılama Özelliklerinin İncelenmesi**
DUMLUDAĞ F., ERDEM M., ŞAN O., EBEOĞLU M. A. , ÖZTÜRK Z. Z.
TFD-21.Fizik Kongresi, Türkiye, 11 - 14 Eylül 2002

Atrflar

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