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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği (YI) (Tezli), Turkey 1983 - 1995

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği (YI) (Tezli), Turkey 1980 - 1983

Undergraduate Minor, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 1974 - 1980

Dissertations

Doctorate, The Production characterization and burnup of uranium dioxide-gadolinium oxide fuel and buron nitride loaded uranium dioksidi-gadolinium oxide fuel, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Kimya Mühendisliği (YI) (Tezli), 1995

Postgraduate, Transient Response of a Distillation Column, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Kimya Mühendisliği (YI) (Tezli), 1983

Research Areas

Chemistry, Physical Chemistry, nanocomposites

Academic Titles / Tasks

Professor, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2011 - Continues

Professor, Selcuk University, Faculty Of Education, Kimya Öğretmenliği Pr. (5 Yıllık), 2005 - 2011

Expert, Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Başbakanlık, 1985 - 2005

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, 1980 - 1983

Courses

İLERİ YÜZEY ANALİZ YÖNTEMLERİ, Postgraduate, 2017 - 2018

İNCE FİLM TEKNOLOJİLERİ, Undergraduate, 2017 - 2018

Fizikokimya, Postgraduate, 2017 - 2018

Advising Theses

USLU İ., Preparation Of Au/(Bi₂O₃-X:Pva)/4h-Sic Structures By Using Different X Materials And Investigation Of Electrical And Dielectric Properties, Doctorate, Y.Badali(Student), 2019

USLU İ., Farklı x materyaller kullanılarak Au/(Bi₂O₃-x:PVA)/4H-SiC yapıların hazırlanması, elektriksel ve dielektrik özelliklerin incelenmesi, Doctorate, Y.BADALI(Student), 2019

USLU İ., Elektrosinleme yöntemi ile poliakrilik asit/polietilenimin (PAA/PEI) nanoliflerin hazırlanması ve çeşitli termal, spektroskopik ve mikroskopik özelliklerinin incelenmesi, Postgraduate, G.KARAHAN(Student), 2017

ALTINDAL Ş., USLU İ., Production And Characterization Of Graphene Doped P-Type And N-Type Thermoelectric Nanocomposite Material, Postgraduate, S.KOÇYİĞİT(Student), 2017

USLU İ., Polivinil alkol-polietilenimin (PVA-PEI) kompozit nanoliflerin elektrosinleme yöntemi ile üretimi, karakterizasyonu ve çeşitli kullanım alanlarına uygulanması, Postgraduate, E.SÖYLEMEZ(Student), 2016

Yazıcıoğlu S., Uslu İ., Radyoaktiviteden kaynaklanan çevresel etkileri azaltmak için borik asit ve polivinil alkol katkılı çimento hamurunun özelliklerinin araştırılması, Doctorate, H.ÇAĞLAR(Student), 2016

ALTINDAL Ş., USLU İ., Zirkonyum oksit ve gadolinyum oksit tabanlı çeşitli metal oksit katkılı inorganik pigmentlerin çöz-pel tekniğiyle sentezi ve karakterizasyonu, Postgraduate, A.AYTİMUR(Student), 2015

ALTINDAL Ş., USLU İ., The Fabrication And Characterization Of Polyvinylidene Fluoride Nanocomposite Piezomaterials Doped Graphene, Boron And Rare Earth Elements, Postgraduate, Y.BADALI(Student), 2015

USLU İ., The Production And Characterization Of Aloe Vera And Ciprofloxacin Including, Antibiotic Property Nanofiber Wound Dressing Materials, Postgraduate, H.SERİNÇAY(Student), 2014

USLU İ., Elektrosin yöntemiyle termoelektrik nano yapılar üretimi ve karakterizasyonu, Doctorate, M.OKAN(Student), 2013

USLU İ., Katı iyonik oksit yakıt hücreleri için nanokompozit üretimi ve karakterizasyonu, Doctorate, Ş.DURMUŞOĞLU(Student), 2012

USLU İ., Eğitimde bilgisayar destekli animasyon tasarımı ve gerçekleşmesi, Postgraduate, M.BEŞKİRLİ(Student), 2011

USLU İ., Termoelektrik nano kristal kompozit seramik malzemelerin eldesi ve karakterizasyonu, Postgraduate, S.ZENGER(Student), 2011

USLU İ., Bor katkılı süperiletken nanofiberlerin elektrosinleme yöntemi ile eldesi, Postgraduate, H.DAŞTAN(Student), 2010

USLU İ., Bor katkılı naylon 6 nanofiberlerin elektrosinleme yöntemi ile eldesi, Postgraduate, A.NUR(Student), 2009

USLU İ., Bilgisayar destekli sabit ve hareketli görsel materyallerin kimya öğretiminde öğrenci başarısına etkisi, Postgraduate, A.DEMİRCİ(Student), 2008

USLU İ., Yüzeğe yakın yeraltına gömülen düşük seviyeli radyoaktif atıklar için radyonüklit taşınım modellenmesi, Postgraduate, R.TERZİ(Student), 2004

USLU İ., Kimyasal buhar çöktürme yöntemi ile bor karbür üretimi, Postgraduate, A.İLKER(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the effect of different Bi₂O₃-x:PVA (x = Sm, Sn, Mo) thin insulator interface-layer materials on diode parameters**
Badali Y., Azizian-Kalandaragh Y., USLU İ., ALTINDAL Ş.
Journal of Materials Science: Materials in Electronics, vol.31, no.10, pp.8033-8042, 2020 (SCI-Expanded)
- II. **Graphene-doped Ca_{0.9}Er_{0.1}Mn_{1.0-5}(alpha) thermoelectric nanocomposite materials: Temperature-dependent thermal and Seebeck properties**
Kocyyigit S., Aytimur A., USLU İ.

CERAMICS INTERNATIONAL, vol.46, no.5, pp.6377-6382, 2020 (SCI-Expanded)

- III. **Temperature dependent Seebeck coefficient and thermal conductivity properties of graphene undoped and doped Ca-Pr-Co oxide thermoelectric nanocomposites**
Kocyigit S., Aytimur A., USLU İ.
JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A, vol.37, no.6, 2019 (SCI-Expanded)
- IV. **Dielectric properties of Ag/Ru-0.03-PVA/n-Si structures**
Badali Y., Kocyigit S., USLU İ., ALTINDAL Ş.
BULLETIN OF MATERIALS SCIENCE, vol.42, no.5, 2019 (SCI-Expanded)
- V. **Synthesis of boron and rare earth stabilized graphene doped polyvinylidene fluoride (PVDF) nanocomposite piezoelectric materials**
Badali Y., Kocyigit S., Aytimur A., ALTINDAL Ş., USLU İ.
POLYMER COMPOSITES, vol.40, no.9, pp.3623-3633, 2019 (SCI-Expanded)
- VI. **Evaluation of Electric and Dielectric Properties of Metal-Semiconductor Structures With 2% GC-Doped-(Ca₃Co₄Ga_{0.0010x}) Interlayer**
MARIL E., TAN S. O., ALTINDAL Ş., USLU İ.
IEEE TRANSACTIONS ON ELECTRON DEVICES, vol.65, no.9, pp.3901-3908, 2018 (SCI-Expanded)
- VII. **Effects of a Thin Ru-Doped PVP Interface Layer on Electrical Behavior of Ag/n-Si Structures**
Badali Y., Nikravan A., ALTINDAL Ş., USLU İ.
JOURNAL OF ELECTRONIC MATERIALS, vol.47, no.7, pp.3510-3520, 2018 (SCI-Expanded)
- VIII. **Dielectric properties, electrical modulus and current transport mechanisms of Au/ZnO/n-Si structures**
Badali Y., ALTINDAL Ş., USLU İ.
PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL, vol.28, no.3, pp.325-331, 2018 (SCI-Expanded)
- IX. **A comparative study on dielectric behaviours of Au/(Zn-doped PVA)/n-4H-SiC (MPS) structures with different interlayer thicknesses using impedance spectroscopy methods**
Lapa H. E., KÖKCE A., ÖZDEMİR A. F., USLU İ., ALTINDAL Ş.
BULLETIN OF MATERIALS SCIENCE, vol.41, no.3, 2018 (SCI-Expanded)
- X. **On the Frequency and Voltage-Dependent Profiles of the Surface States and Series Resistance of Au/ZnO/n-Si Structures in a Wide Range of Frequency and Voltage**
Nikravan A., Badali Y., ALTINDAL Ş., Uslu İ., Orak I.
JOURNAL OF ELECTRONIC MATERIALS, vol.46, no.10, pp.5728-5736, 2017 (SCI-Expanded)
- XI. **Preparation and Characterization of Polyvinyl Alcohol Based Copolymers as Wound Dressing Fibers**
Aytimur A., Kocyigit S., USLU İ., GÖKMEŞE F.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.64, no.3, pp.111-116, 2015 (SCI-Expanded)
- XII. **Electrical and dielectric properties and intersection behavior of G/omega-V plots for Al/Co-PVA/p-Si (MPS) structures at temperatures below room temperature**
Yucedag I., Kaya A., ALTINDAL Ş., USLU İ.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.65, no.12, pp.2082-2089, 2014 (SCI-Expanded)
- XIII. **Calcium Stabilized Ceria Doped Zirconia Nanocrystalline Ceramic**
Aytimur A., Kocyigit S., USLU İ.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.24, no.6, pp.927-932, 2014 (SCI-Expanded)
- XIV. **The effect of synthesis technique on thermoelectric properties of nanocrystalline NaCo₂O₄ ceramics**
Erdal M. O., Koyuncu M., USLU İ.
JOURNAL OF NANOPARTICLE RESEARCH, vol.16, no.11, 2014 (SCI-Expanded)
- XV. **Polymer-derived yttria stabilized bismuth oxide nanocrystalline ceramics**
Aytimur A., USLU İ., Durmusoglu S., Akdemir A.
CERAMICS INTERNATIONAL, vol.40, no.8, pp.12899-12903, 2014 (SCI-Expanded)
- XVI. **Investigation of Current-Voltage Characteristics and Current Conduction Mechanisms in Composites of Polyvinyl Alcohol and Bismuth Oxide**

- YILDIRIM M., GÖKÇEN M., TUNÇ T., USLU İ., ALTINDAL Ş.
POLYMER ENGINEERING AND SCIENCE, vol.54, no.8, pp.1811-1816, 2014 (SCI-Expanded)
- XVII. **Synthesis, Characterization, and Thermoelectric Properties of Electrospun Boron-Doped Barium-Stabilized Bismuth-Cobalt Oxide Nanoceramics**
Cinar E., Kocyigit S., Aytimur A., USLU İ., Akdemir A.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.9, pp.3929-3937, 2014 (SCI-Expanded)
- XVIII. **Synthesis and characterization of boron-doped bismuth oxide-erbium oxide fiber derived nanocomposite precursor**
Aytimur A., Kocyigit S., USLU İ., Durmusoglu S., Akdemir A.
JOURNAL OF COMPOSITE MATERIALS, vol.48, no.19, pp.2317-2324, 2014 (SCI-Expanded)
- XIX. **Boron Undoped and Doped Europium-Bismuth Oxide Nanocomposites via the Polymeric Precursor Technique**
Aytimur A., Kocyigit S., TEMEL S., USLU İ.
JOM, vol.66, no.8, pp.1479-1484, 2014 (SCI-Expanded)
- XX. **Promising Materials for Wound Dressing: PVA/PAA/PVP Electrospun Nanofibers**
Aytimur A., USLU İ.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.53, no.7, pp.655-660, 2014 (SCI-Expanded)
- XXI. **Frequency and voltage-dependent electrical and dielectric properties of Al/Co-doped PVA/p-Si structures at room temperature**
Yucedag I., Kaya A., ALTINDAL Ş., USLU İ.
CHINESE PHYSICS B, vol.23, no.4, 2014 (SCI-Expanded)
- XXII. **SAXS and WAXS analysis of MgO doped ZnO nanostructured ceramics grown on Si and glass substrate**
Orujalipoor I., Aytimur A., Tukul C., İDE S., USLU İ.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.70, no.1, pp.125-132, 2014 (SCI-Expanded)
- XXIII. **Boron-Doped Strontium-Stabilized Bismuth Cobalt Oxide Thermoelectric Nanocrystalline Ceramic Powders Synthesized via Electrospinning**
Kocyigit S., Aytimur A., Cinar E., USLU İ., Akdemir A.
JOM, vol.66, no.1, pp.30-36, 2014 (SCI-Expanded)
- XXIV. **A detailed comparative study on the main electrical parameters of Au/n-Si and Au/PVA:Zn/n-Si Schottky barrier diodes**
AYDEMİR U., Tascioglu I., ALTINDAL Ş., USLU İ.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.16, no.6, pp.1865-1872, 2013 (SCI-Expanded)
- XXV. **PVA/PAA-Based Antibacterial Wound Dressing Material with Aloe Vera**
Serincay H., Ozkan S., Yilmaz N., Kocyigit S., USLU İ., Gurcan S., Arisoy M.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.52, no.13, pp.1308-1315, 2013 (SCI-Expanded)
- XXVI. **Preparation and Characterization of PVA/PVP Nanofibers as Promising Materials for Wound Dressing**
GÖKMEŞE F., USLU İ., Aytimur A.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.52, no.12, pp.1259-1265, 2013 (SCI-Expanded)
- XXVII. **Structural investigation of boron undoped and doped indium stabilized bismuth oxide nanoceramic powders**
Kocyigit S., Gokmen O., TEMEL S., Aytimur A., USLU İ., BAYARI S.
CERAMICS INTERNATIONAL, vol.39, no.7, pp.7767-7772, 2013 (SCI-Expanded)
- XXVIII. **Preparation of PVA/PAA/PEG/PVP Nanofibers with HPMC and Aloe Vera**
USLU İ., Aytimur A., Serincay H.
CURRENT NANOSCIENCE, vol.9, no.4, pp.489-493, 2013 (SCI-Expanded)
- XXIX. **Fabrication and characterization of boron doped yttria-stabilized zirconia nanofibers**
TUNÇ T., USLU İ.
POLYMER ENGINEERING AND SCIENCE, vol.53, no.5, pp.963-969, 2013 (SCI-Expanded)

- XXX. **Synthesis and Characterization of Poly(vinyl alcohol)/Poly(vinyl pyrrolidone)-Iodine Nanofibers with Poloxamer 188 and Chitosan**
Aytimur A., Kocyigit S., USLU İ.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.52, no.7, pp.661-666, 2013 (SCI-Expanded)
- XXXI. **A study of polymer-derived erbia-doped Bi₂O₃ nanocrystalline ceramic powders**
Aytimur A., Tascioglu I., ARI M., USLU İ., DAĞDEMİR Y., Durmus S., ALTINDAL Ş.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.66, no.2, pp.317-323, 2013 (SCI-Expanded)
- XXXII. **Fabrication and characterization of bismuth oxide-holmia nanofibers and nanoceramics**
Aytimur A., Kocyigit S., USLU İ., Durmusoglu S., Akdemir A.
CURRENT APPLIED PHYSICS, vol.13, no.3, pp.581-586, 2013 (SCI-Expanded)
- XXXIII. **Synthesis and characterization of boron doped bismuth-calcium-cobalt oxide nanoceramic powders via polymeric precursor technique**
Aytimur A., USLU İ., Cinar E., Kocyigit S., ÖZCAN F., Akdemir A.
CERAMICS INTERNATIONAL, vol.39, no.2, pp.911-916, 2013 (SCI-Expanded)
- XXXIV. **Synthesis and characterization of neodymium doped ceria nanocrystalline ceramic structures**
USLU İ., Aytimur A., Ozturk M. K., Kocyigit S.
CERAMICS INTERNATIONAL, vol.38, no.6, pp.4943-4951, 2012 (SCI-Expanded)
- XXXV. **Characterization of Mg doped ZnO nanocrystallites prepared via electrospinning**
Cetin S. Ş., USLU İ., Aytimur A., Ozcelik S.
CERAMICS INTERNATIONAL, vol.38, no.5, pp.4201-4208, 2012 (SCI-Expanded)
- XXXVI. **The effects of temperature, radiation, and illumination on current-voltage characteristics of Au/PVA(Co, Zn-doped)/n-Si Schottky diodes**
DÖKME İ., ALTINDAL Ş., USLU İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.2, pp.1185-1192, 2012 (SCI-Expanded)
- XXXVII. **Production and characterization of poly(vinyl alcohol)/poly(vinylpyrrolidone) iodine/poly(ethylene glycol) electrospun fibers with (hydroxypropyl)methyl cellulose and aloe vera as promising material for wound dressing**
USLU İ., Aytimur A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.124, no.4, pp.3520-3524, 2012 (SCI-Expanded)
- XXXVIII. **Preparation of Gadolina Stabilized Bismuth Oxide Doped with Boron via Electrospinning Technique**
TUNÇ T., USLU İ., Durmusoglu S., Keskin S., Aytimur A., Akdemir A.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.22, no.1, pp.105-111, 2012 (SCI-Expanded)
- XXXIX. **The Synthesis of Boron Carbide Ceramic via Electrospinning Technique**
USLU İ., TUNÇ T.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.22, no.1, pp.183-189, 2012 (SCI-Expanded)
- XL. **Synthesis and characterization of boron-doped Bi₂O₃-La₂O₃ fiber derived nanocomposite precursor**
Durmusoglu S., USLU İ., TUNÇ T., Keskin S., Aytimur A., Akdemir A.
JOURNAL OF POLYMER RESEARCH, vol.18, no.6, pp.1999-2004, 2011 (SCI-Expanded)
- XLI. **Temperature dependent current-voltage (I-V) characteristics of Au/n-Si (1 1 1) Schottky barrier diodes with PVA(Ni,Zn-doped) interfacial layer**
Tunç T., Altındal Ş., Uslu İ., Dökme İ., Uslu H.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, vol.14, no.2, pp.139-145, 2011 (SCI-Expanded)
- XLII. **Preparation and Characterization of Neodymia Doped PVA/Zr-Ce Oxide Nanocrystalline Composites via Electrospinning Technique**
Keskin S., USLU İ., TUNÇ T., Ozturk M., Aytimur A.
MATERIALS AND MANUFACTURING PROCESSES, vol.26, no.11, pp.1346-1351, 2011 (SCI-Expanded)
- XLIII. **Preparation and characterization of PVA/Zinc acetate/boron composite fibers**
Uslu İ., Baser B., Yayli A., Aksu M. L.
E-POLYMERS, 2007 (SCI-Expanded)

- XLIV. Selenium levels and glutathione peroxidase activities in patients with acute myocardial infarction**
Bor M., Cevik C., Uslu İ., Guneral F., Duzgun E.
ACTA CARDIOLOGICA, vol.54, no.5, pp.271-276, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. Synthesis and Characterization of Barium-Iron Oxide Based Neodymium, Gadolinium and Praseodymium Doped Ceramic Materials**
AYTİMUR A., KOÇYİĞİT S., USLU İ.
Asian Journal of Chemical Sciences, vol.10, no.4, pp.72-79, 2021 (Peer-Reviewed Journal)
- II. Thermoelectric Properties of Nickel and Boron Co-Substituted NaCo₂O₄ Prepared by Electrospinning Technique**
ERDAL M. O., Koyuncu M., Aksu M. L., USLU İ., Kocyigit S.
NANO HYBRIDS AND COMPOSITES, vol.19, pp.34-45, 2018 (ESCI)
- III. Preparation of PVA Chitosan Doped with Boron Composite Fibers and Their Characterization**
USLU İ., ÇELİKKAN H., ATAKOL O., AKSU M. L.
Haceteppe Journal of Biology and Chemistry, vol.36, no.2, pp.117-122, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Kimyasal Bağın Niteliksel Teorisi**
AKSU M. L., PEKEL BAYRAMGİL N., tokay n., ŞENEL S., USLU İ., aydın h.
in: Kuantum Kimyası: Problemler ve Çözümler, M. Levent Aksu, Editor, Gazi Kitabevi, Ankara, pp.567-612, 2018
- II. Kimyasal Bağın Kalitatif Teorisi**
AKSU M. L., TOGAY N., ŞENEL S., PEKEL BAYRAMGİL N., aydın h., USLU İ.
in: Kuantum Kimyası, Prof. Dr. Mehmet Levent Aksu, Editor, Gazi Kitabevi, Ankara, pp.559-605, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. Grafen katkılı kalsiyum-galyum-kobalt oksit termoelektrik nanokompozit malzemelerin üretimi ve karakterizasyonu**
KOÇYİĞİT S., AYTİMUR A., USLU İ.
3.Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Online Toplantı, Turkey, 22 October 2021
- II. Nasıl Sağlıklı Yaşanır?**
USLU İ.
IV. International Academic Research Congress, Antalya, Turkey, 30 October - 03 November 2018
- III. Sağlıklı Olmak İçin**
USLU İ.
8. Uluslararası Sağlık Turizmi Kongresi, 3 - 06 May 2018
- IV. An Investigation of the Effect of PVA and Boric Acid on Concrete Mixtures**
ÇAĞLAR H., YAZICIOĞLU S., USLU İ., ÇAĞLAR A., Uslu M. L.
3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.6, pp.33-47
- V. Ateş Tuğlasının Özelliklerinin İyileştirilmesi ve Karakterizasyonu**
ÇAĞLAR A., ÇAĞLAR H., USLU İ.
I. International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 December 2017
- VI. Yara iyileşmesinde nanofibriller Yara Örtülerinin Etkisi**
YAZICI G., SERİNÇAY H., ELMAS Ç., SEYMEN C. M., ERDOĞAN D., USLU İ.
6. ULUSAL MOLEKÜLER BİYOLÖJİ VE BİYOTEKNOLOJİ KONGRESİ, Turkey, 5 - 07 October 2017, pp.20

- VII. **Yara İyileşmesinde Nanofibriler Yara Örtülerinin Etkisi**
YAZICI G. N., SERİNÇAY H., ELMAS Ç., SEYMEN C. M., ERDOĞAN D., USLU İ.
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 5 - 07 October 2017
- VIII. **Electrical parameteser of Al/p-si (MS) structures with (3 Zn-PVA) interfacial layer using current-voltage and capacitance voltage (C-V) measurements at room temperature**
ALTINDAL Ş., Karabulut B., USLU H., USLU İ.
4th International conference on materials science and nanotechnology for next generation, 28 - 30 June 2017
- IX. **A INVESTIGATION OF THE EFFECT OF PVA AND BORIC ACID ON CONCRETE MIXTURES**
ÇAĞLAR H., YAZICIOĞLU S., USLU İ., ÇAĞLAR A., AKSU M. L.
3. INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM, 15 - 17 March 2017
- X. **Interlayer Thickness Dependent WElectrical Characteristics off Al 3 Zn doped Al PVA p Si MPS structures at Room Temperatur**
Badali Y., Nikravan A., Benli B. B., ALTINDAL Ş., USLU İ.
Ist International Undergraond Resorces and Energy Conference, Yozgat, Turkey, 6 - 08 November 2016, pp.84
- XI. **A compare study on dielectric properties electric conductivity and electricalmodulus of Au n SiC structures with three different thickness interfacial ZndoppedPVA layers as function of thickness and frequency at room temperature**
lapa h. e., aldharob m. h. a., kökçe a., ÖZDEMİR A. F., USLU İ., ALTINDAL Ş.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XII. **Influence Of Frequency And Applied Voltage On Dielectric Properties Electric ModulusAnd Electrical Conductivity In Ag 3Ru doped PVP n Si Structures**
kaya g., badali y., nikravan a., ALTINDAL Ş., USLU İ.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XIII. **On the dielectric relaxation electric modulus and ac electrical conductivityusingimpedance spectroscopy method in Au Zn dopped PVA n SiC MPS organic structures**
lapa h. e., aldharob m. h. a., kökçe a., ÖZDEMİR A. F., USLU İ., ALTINDAL Ş.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XIV. **Current Conduction Mechanisms CCMs in Au ZnO n Si Schottky Barrier Diodesin Wide Temperature Range**
Badali Y., Kaya G., Nikravan A., ALTINDAL Ş., USLU İ.
2 nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XV. **MPS Tipi Schootky Engel Diyotların SED Oda Sıcaklığındaki Elektriksel Özellikleri ve Yalıtkan 0 07 Zn katkılı PVA Tabakanın Etkisi**
ERBİLEN TANRIKULU E., ALTINDAL Ş., USLU İ.
Adım Fizik Günleri V, Eskişehir, Turkey, 21 - 23 April 2016
- XVI. **On the Forward Bias Anomalous Peak and Negative Capacitance NC in Al ZnO p Si Structures at Room Temperatures**
Aytimur A., ALTINDAL Ş., USLU İ.
İnternational Physics Conference at the Anatolian Peak, Erzurum, Turkey, 25 - 27 February 2016
- XVII. **Influence of Frequency and Applied Voltage on Dielectric Properties Electric Modules and Electrical Conductivity in Au Zn n Si Structures**
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