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### Kişisel Bilgiler

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### Makaleler (YOKSIS)

- 1 A bio-based epoxy resin from rosin powder with improved mechanical performance**  
DEMİRCAN GÖKHAN,KISA MURAT,ÖZEN MUSTAFA,AÇIKGÖZ ABUZER,AKTAŞ BÜLENT,KURT MEHMET ALİ  
Emerging Materials Research,<https://doi.org/10.1680/jemmr.20.00001>
- 2 Boronizing effect on the radiation shielding properties of Hardox 450 and Hardox HiTuf steels**  
YILMAZ DEMET,AKTAŞ BÜLENT,ÇALIK ADNAN,Aytar OB  
RADIATION PHYSICS AND CHEMISTRY,<https://linkinghub.elsevier.com/retrieve/pii/S0969806X18314026>
- 3 Cr2O3 Katkılı Çeliklerin Toz Metalurjisi Yöntemiyle Üretilmesi ve Karakterizasyonu**  
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Harran Üniversitesi Mühendislik Dergisi,<http://dergipark.gov.tr/humder/issue/42425/494467>
- 4 Crystallization And Grain Growth Behavior of La2O3 doped Yttria stabilized Zirconia**  
AKTAŞ BÜLENT,TEKELİ SÜLEYMAN,SALMAN SERDAR  
Advanced Materials Letters,[http://amlett.com/uploads/531ce9e4e43241394403812\\_fullabstratct.pdf](http://amlett.com/uploads/531ce9e4e43241394403812_fullabstratct.pdf)
- 5 DLP 3D printing of TiO2-doped Al2O3 bioceramics: Manufacturing, mechanical properties, and biological evaluation**  
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Materials Today Communications,<https://doi.org/10.1016/j.mtcomm.2023.107872>
- 6 Dry Sliding Wear Behavior of Boron-Doped 205 Manganese Steels**  
ÇARBOĞA CEMAL,AKTAŞ BÜLENT,KURT BÜLENT  
Journal of Materials Engineering and Performance,<http://link.springer.com/10.1007/s11665-020-04796-9>
- 7 Dry Sliding Wear Behavior of Boron-Doped AISI 1020 Steels**  
AKTAŞ BÜLENT,BALAK MEHMET VEHBİ,ÇARBOĞA CEMAL

- 7 Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/132/app132z3p013.pdf>
- 8 **Effect of Co<sub>3</sub>O<sub>4</sub> on the Fracture Toughness and Microstructure of Yttria Stabilized Cubic Zirconia 8YSZ**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN  
Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/127/a127z4p143.pdf>
- 9 **Effect of Er<sub>2</sub>O<sub>3</sub> on structural, mechanical, and optical properties of Al<sub>2</sub>O<sub>3</sub>-Na<sub>2</sub>O-B<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub> glass**  
AKTAŞ BÜLENT, YALÇIN ŞERİFE, ALBAŞKARA MEHMET, AYTAR EMİNE, CEYHAN GÖKHAN, TURHAN ZEYNEP ŞİLAN  
Journal of Non-Crystalline Solids,<http://dx.doi.org/10.1016/j.jnoncrysol.2022.121516>
- 10 **Effect of Pack-boriding on the Tribological Behavior of Hardox 450 and HiTuf Steels**  
AKTAŞ BÜLENT, TOPRAK MEHMET, ÇALIK ADNAN, TEKGÜLER ALİ  
REVIEWS ON ADVANCED MATERIALS  
SCIENCE,<https://www.degruyter.com/view/journals/rams/59/1/article-p314.xml>
- 11 **Effects of Co<sub>3</sub>O<sub>4</sub> Addition on Friction and Dry Sliding Wear Characteristics of 8 mol Yttria-Stabilized Cubic Zirconia**  
AKTAŞ BÜLENT, TEKİN HAKAN  
Journal of Materials Engineering and Performance,<http://link.springer.com/10.1007/s11665-018-3826-4>
- 12 **Effects of spin coating parameters on stress, electrical and optical properties of multilayer ZnO thin film prepared by sol-gel**  
AKTAŞ BÜLENT, AÇIKGÖZ ABUZER, DEMİRCAN GÖKHAN, YALÇIN ŞERİFE, GÜRSES ENES FURKAN  
Molecular Crystals and Liquid Crystals,<http://dx.doi.org/10.1080/15421406.2020.1816009>
- 13 **Electrical Conductivity of Boron Oxide Doped Yttria Stabilized Cubic Zirconia 8YSZ**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN  
Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/127/a127z4p142.pdf>
- 14 **Electrical Conductivity of Er<sub>2</sub>O<sub>3</sub> Doped c ZrO<sub>2</sub> Ceramics**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜÇÜKTÜVEK MUSTAFA  
Journal of Materials Engineering and Performance,
- 15 **Erbium oxide and Cerium oxide-doped borosilicate glasses as radiation shielding material**  
YILMAZ DEMET, AKTAŞ BÜLENT, YALÇIN ŞERİFE, ALBAŞKARA MEHMET  
Radiation Effects and Defects in  
Solids,<https://www.tandfonline.com/doi/full/10.1080/10420150.2019.1674301>
- 16 **Exploring the radiation shielding properties of B<sub>2</sub>O<sub>3</sub>-PbO-TeO<sub>2</sub>-CeO<sub>2</sub>-WO<sub>3</sub> glasses: A comprehensive study on structural, mechanical, gamma, and neutron attenuation characteristics**  
SOLAK BURAK BERKE, AKTAŞ BÜLENT, YILMAZ DEMET, KALECİK SEDANUR, YALÇIN ŞERİFE, AÇIKGÖZ ABUZER, DEMİRCAN GÖKHAN  
Elsevier BV,<http://dx.doi.org/10.1016/j.matchemphys.2023.128672>
- 17 **Grafen-Si<sub>3</sub>N<sub>4</sub> Takviyeli Hidroksiapatit Nanokompozitlerin Mekanik ve Yapısal Özellikleri**  
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- 17 Journal of the Institute of Science and Technology,<http://dx.doi.org/10.21597/jist.1035798>
- 18 **Grain growth and sinterability in Er<sub>2</sub>O<sub>3</sub> doped cubic zirconia c ZrO<sub>2</sub>**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜÇÜKTÜVEK MUSTAFA  
International Journal of Materials Research,<http://www.hanser-elibrary.com/toc/ijmr/105/2>
- 19 **Impact of HfO<sub>2</sub> on the structural, thermal, gamma, and neutron shielding properties of borotellurite glasses**  
Rasul Sleman Yahya, AKTAŞ BÜLENT, YILMAZ DEMET, Pathman Abdul Fatah, YALÇIN ŞERİFE, AÇIKGÖZ ABUZER  
Inorganic Chemistry Communications,<https://doi.org/10.1016/j.inoche.2025.113993>
- 20 **Improvements in microstructural and mechanical properties of ZrO<sub>2</sub> ceramics after addition of BaO**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR  
CERAMICS INTERNATIONAL,<http://www.sciencedirect.com/science/article/pii/S0272884215021483>
- 21 **Influence of Al<sub>2</sub>O<sub>3</sub> addition on sintering and grain growth behaviour of 8 mol Y<sub>2</sub>O<sub>3</sub> stabilised cubic zirconia c ZrO<sub>2</sub>**  
TEKELİ SÜLEYMAN, ERDOĞAN MEHMET, AKTAŞ BÜLENT  
Ceramics International,<http://linkinghub.elsevier.com/retrieve/pii/S0272884204000392>
- 22 **Influence of B<sub>2</sub>O<sub>3</sub> incorporation on the structural, mechanical and radiation shielding properties of TeO<sub>2</sub> Based bioglasses**  
ORUÇ ULAŞ ESMANUR, AÇIKGÖZ ABUZER, AKTAŞ BÜLENT, KAVUN YUSUF  
Applied Radiation and Isotopes,<https://doi.org/10.1016/j.apradiso.2025.111799>
- 23 **Influence of Borosilicate Addition on Mechanical Properties and Sinterability of 8YSZ**  
AKTAŞ BÜLENT  
ACTA PHYSICA POLONICA A,<http://przyrbwn.icm.edu.pl/APP/PDF/129/a129z4p067.pdf>
- 24 **Influence of Co<sub>3</sub>O<sub>4</sub> addition on the ionic conductivity and microstructural properties of yttria stabilized zirconia 8YSZ**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN  
International Journal of Materials Research,
- 25 **Influence of Gd<sub>2</sub>O<sub>3</sub> on structural, optical, radiation shielding, and mechanical properties of borate glasses**  
YORULMAZ NURİ, YAŞAR MEHMET MURAT, AÇIKGÖZ ABUZER, KAVUN YUSUF, DEMİRCAN GÖKHAN, KAMIŞLIOĞLU MİRAC, AKTAŞ BÜLENT, ORUÇ ULAŞ Esmanur  
Optical Materials,<http://dx.doi.org/10.1016/j.optmat.2024.115032>
- 26 **Influence of praseodymium oxide on the structural, mechanical and photon, charged particles, and neutron shielding properties of alumina borate glass**  
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Ceramics International,<http://dx.doi.org/10.1016/j.ceramint.2024.06.265>
- 27 **Influence on Static Grain Growth and Sinterability of BaO Addition into 8YSZ**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR  
Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/125/a125z2p157.pdf>

- 28 Investigation of Radiation Shielding Properties of Soda-Lime-Silica Glasses Doped with Different Food Materials**  
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Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/132/app132z3-Ilp048.pdf>
- 29 Investigation of the photoluminescence properties of Urfa stone powder doped with chromium oxide**  
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Arabian Journal of Geosciences,
- 30 Investigation of the structural, mechanical, radiation and neutron shielding properties of the TeO<sub>2</sub>-B<sub>2</sub>O<sub>3</sub>-Li<sub>2</sub>O-MoO<sub>3</sub>-CuO glass system**  
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Journal of Alloys and Compounds,<https://doi.org/10.1016/j.jallcom.2023.172981>
- 31 Ionic conductivity of MgAl<sub>2</sub>O<sub>4</sub>-doped 8YSZ ceramics**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN  
Arabian Journal of Geosciences,<http://link.springer.com/10.1007/s12517-019-4657-9>
- 32 Luminescent, structural and mechanical properties of erbium oxide doped natural obsidian glasses**  
AKTAŞ BÜLENT, AÇIKGÖZ ABUZER, YALÇIN ŞERİFE, CEYHAN GÖKHAN, DEMİRCAN GÖKHAN  
Journal of Non-Crystalline Solids,<http://dx.doi.org/10.1016/j.jnoncrysol.2021.121104>
- 33 Mechanical and Electrical Properties of CuO Doped 8YSZ High Temperature Materials and Processes**  
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Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/132/app132z3p007.pdf>
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- 36 Microstructural and Mechanical Properties of Er<sub>2</sub>O<sub>3</sub> ZrO<sub>2</sub> Ceramics with Different Er<sub>2</sub>O<sub>3</sub> Contents**  
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High Temperature Materials and Processes,
- 37 Microstructural Evolution in 8 mol % Y<sub>2</sub>O<sub>3</sub> Stabilized Cubic Zirconia 8YSZ with SiO<sub>2</sub> Addition**  
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Materials Science and Engineering A,
- 38 Microstructure and Electrical Conductivity of Ytria Stabilized Zirconia 8Y CSZ Containing Small NiO Addition**  
AKTAŞ BÜLENT, ÇARBOĞA CEMAL

- 38 Journal of Materials Science and Engineering A & B,[http://www.davidpublishing.org/journals\\_info.asp?jld=1888](http://www.davidpublishing.org/journals_info.asp?jld=1888)
- 39 **NiO YSZ Yitriya ile kararlı hale getirilmiş zirkonya seramiklerin kırılma tokluğuna mikro yapının etkisi**  
TEKELİ SÜLEYMAN,AKTAŞ BÜLENT,KÜPELİ GÜLTEKİN,BOZKURT YAHYA,GÜLSOY HAMİT ÖZKAN,SALMAN SERDAR  
Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi,[http://fenbildergi.aku.edu.tr/pdf/OS/S\(71-78\).pdf](http://fenbildergi.aku.edu.tr/pdf/OS/S(71-78).pdf)
- 40 **Optical Properties of Soda-Lime-Silica Glasses Doped with Eggshell Powder**  
AKTAŞ BÜLENT,ALBAŞKARA MEHMET,YALÇIN ŞERİFE,DOĞRU KAAN  
Acta Physica Polonica A,<http://przyrbwn.icm.edu.pl/APP/PDF/132/app132z3p009.pdf>
- 41 **Optical properties of soda-lime-silica glasses doped with peanut shell powder**  
AKTAŞ BÜLENT,ALBAŞKARA MEHMET,YALÇIN ŞERİFE,DOĞRU KAAN  
Archives of Materials Science and Engineering,<http://archivesmse.org/resources/html/article/details?id=142874>
- 42 **Optical, structural, physical, and nuclear shielding properties, and albedo parameters of  $\text{TeO}_2\text{-BaO-B}_2\text{O}_3\text{-PbO-V}_2\text{O}_5$  glasses**  
FİDAN MELEK, AÇIKGÖZ ABUZER, DEMİRCAN GÖKHAN, YILMAZ DEMET, AKTAŞ BÜLENT  
Journal of Physics and Chemistry of Solids,<http://dx.doi.org/10.1016/j.jpics.2021.110543>
- 43 **Radiation shielding properties of Cerium oxide and Erbium oxide doped obsidian glass**  
YALÇIN ŞERİFE,AKTAŞ BÜLENT,YILMAZ DEMET  
RADIATION PHYSICS AND CHEMISTRY,<https://linkinghub.elsevier.com/retrieve/pii/S0969806X18311551>
- 44 **Relationship between microstructure and fracture toughness in  $\text{B}_2\text{O}_3$ -doped 8YSZ ceramics**  
AKTAŞ BÜLENT  
International Journal of Microstructure and Materials Properties,<http://dx.doi.org/10.1504/ijmmp.2020.115199>
- 45 **Role of  $\text{BaZrO}_3$  Phase on Microstructure and Ionic Conductivity of 8YSZ**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR  
Journal of Materials Engineering and Performance,<http://dx.doi.org/10.1007/s11665-022-06916-z>
- 46 **Role of  $\text{HfO}_2$  on Modifying the structural, optical, elastic, and mechanical features of boro tellurite glasses**  
Rasul Sleman Yahya,AKTAŞ BÜLENT,Rustum Soran Saleem,YALÇIN ŞERİFE,Fahad Ahmad,AÇIKGÖZ ABUZER,CEYHAN GÖKHAN  
Optical Materials,<https://doi.org/10.1016/j.optmat.2024.116564>
- 47 **Seryum Oksit Katkılı Doğal Obsidyen Camların Mekanik Özellikleri**  
AKTAŞ BÜLENT, YALÇIN ŞERİFE, AÇIKGÖZ ABUZER, Şerbetçi Rahime  
Nevşehir Bilim ve Teknoloji Dergisi,<https://dergipark.org.tr/tr/pub/nevbiltek/issue/50846/499070>
- 48 **Short carbon fiber-reinforced PLA composites: influence of 3D-printing parameters on the mechanical and structural properties**  
Alkabbanie Rasha,AKTAŞ BÜLENT,DEMİRCAN GÖKHAN,YALÇIN ŞERİFE  
Iranian Polymer Journal,<http://dx.doi.org/10.1007/s13726-024-01315-8>

- 49 Sol-gel synthesis of Si-ZnO, Ti-ZnO and Si-Ti-ZnO thin films: Impact of Si and Ti content on structural and optical properties**  
DEMİRCAN GÖKHAN, GÜRSES ENES FURKAN, AKTAŞ BÜLENT, YALÇIN ŞERİFE, AÇIKGÖZ ABUZER, CEYHAN GÖKHAN, BALAK MEHMET VEHBİ  
Elsevier BV,<http://dx.doi.org/10.1016/j.mtcomm.2022.105234>
- 50 Structural and radiation shielding properties of chromium oxide doped borosilicate glass**  
AKTAŞ BÜLENT, YALÇIN ŞERİFE, Dogru Kaan, Uzunoğlu Zeynep, YILMAZ DEMET  
Elsevier BV,<http://dx.doi.org/10.1016/j.radphyschem.2018.11.012>
- 51 Structural properties of Urfa stone doped with erbium oxide**  
AKTAŞ BÜLENT, YALÇIN ŞERİFE, ALBAŞKARA MEHMET, ARSLAN ALİ, CEYHAN GÖKHAN  
Arabian Journal of Geosciences,<http://link.springer.com/10.1007/s12517-018-4112-3>
- 52 Structural, mechanical, radiation shielding properties and albedo parameters of alumina borate glasses: Role of CeO<sub>2</sub> and Er<sub>2</sub>O<sub>3</sub>**  
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Materials Science and Engineering: B,<http://dx.doi.org/10.1016/j.mseb.2021.115519>
- 53 Structural, thermal, and radiation shielding properties of B<sub>2</sub>O<sub>3</sub>-TeO<sub>2</sub>-Bi<sub>2</sub>O<sub>3</sub>-CdO-Tm<sub>2</sub>O<sub>3</sub> glasses: The role of Tm<sub>2</sub>O<sub>3</sub>**  
Doğru Kaan, AKTAŞ BÜLENT, AÇIKGÖZ ABUZER, YILMAZ DEMET, PATMAN Abdul Fatah, YALÇIN ŞERİFE, DEMİRCAN GÖKHAN  
Ceramics International,<https://doi.org/10.1016/j.ceramint.2024.09.088>
- 54 Surface-modified alumina nanoparticles-filled aramid fiber-reinforced epoxy nanocomposites: preparation and mechanical properties**  
DEMİRCAN GÖKHAN, KISA MURAT, ÖZEN MUSTAFA, AKTAŞ BÜLENT  
Iranian Polymer Journal,<https://doi.org/10.1007/s13726-020-00790-z>
- 55 Synthesis and Properties of La<sub>2</sub>O<sub>3</sub> Doped 8 mol Yttria Stabilized Cubic Zirconia**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR  
Journal of Materials Engineering and Performance,
- 56 Synthesis, mechanical characterization, and biocompatibility evaluation of Graphene-TiO<sub>2</sub> reinforced alumina for biomedical applications**  
AÇIKGÖZ ABUZER, DEMİRCAN GÖKHAN, AKTAŞ BÜLENT, AKTAŞ HATİCE, YALÇIN ŞERİFE, KISA MURAT, DAŞ RUKEN  
Ceramics International,<https://doi.org/10.1016/j.ceramint.2024.08.324>
- 57 The effect of Co and Mn Co-Doping on structural and optical properties of ZnO thin films**  
DEMİRCAN GÖKHAN, YALÇIN ŞERİFE, ALİVİ KAMER, CEYHAN GÖKHAN, AÇIKGÖZ ABUZER, BALAK MEHMET VEHBİ, AKTAŞ BÜLENT, DAŞ RUKEN  
Optical Materials,<http://dx.doi.org/10.1016/j.optmat.2022.112163>
- 58 The Influence of Doping Perimidine Ruthenium Complexes on Structural, Optic, and Residual Stress Properties of ZnO Thin Films**  
DEMİRCAN GÖKHAN, AÇIKGÖZ ABUZER, YALÇIN ŞERİFE, AYTAR EMİNE, BALAK MEHMET VEHBİ, AKTAŞ BÜLENT  
Brazilian Journal of Physics,<http://dx.doi.org/10.1007/s13538-022-01245-x>

- 59 **The role of TeO<sub>2</sub> insertion on the radiation shielding, structural and physical properties of borosilicate glasses**  
AKTAŞ BÜLENT, AÇIKGÖZ ABUZER, YILMAZ DEMET, YALÇIN ŞERİFE, DOĞRU KAAN,  
YORULMAZ NURİ  
Journal of Nuclear Materials, <http://dx.doi.org/10.1016/j.jnucmat.2022.153619>
- 60 **The structural, optical, electrical and radiation shielding properties of Co-doped ZnO thin films**  
Bayat Buzok Elif, YALÇIN ŞERİFE, DEMİRCAN GÖKHAN, AYTAZ EMİNE, YILMAZ DEMET, AKTAŞ  
BÜLENT  
Radiation Physics and Chemistry, <http://dx.doi.org/10.1016/j.radphyschem.2024.111840>

## Bildiriler (YOKSIS)

- 8 mol Y<sub>2</sub>O<sub>3</sub> ile kararlı hale getirilmiş kübik zirkonyanın c ZrO<sub>2</sub> sinterleme ve tane büyüme davranışına TiO<sub>2</sub> katkısının etkisi**  
AKTAŞ BÜLENT, SALMAN SERDAR  
1. Uluslar Arası Mesleki ve Teknik Eğitim Teknolojileri Kongresi ,
- Al<sub>2</sub>O<sub>3</sub> Katkılı Kübik Zirkonyada 8YSZ Elektriksel İletkenlik ve Mikroyapı İlişkisi**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜPELİ GÜLTEKİN, SALMAN SERDAR  
12. Uluslararası Malzeme Sempozyumu , <http://imsp.pau.edu.tr/12.IMSP.pdf>
- Al<sub>2</sub>O<sub>3</sub> Katkılı Kübik Zirkonyada c ZrO<sub>2</sub> Sertlik Kırılma Tokluğu KIC ve Mikroyapı İlişkisi**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, BOZKURT YAHYA, SALMAN SERDAR  
12. Uluslararası Malzeme Sempozyumu , <http://imsp.pau.edu.tr/12.IMSP.pdf>
- CeO<sub>2</sub> ile katılanmış Zirkonya'xxnın kuru kayma aşınma davranışı**  
AKTAŞ BÜLENT, ŞERBETÇİ RAHİME  
The International Conference on Materials Science and Technology (IMSTEC 2019) ,
- Characterization of Nano Aluminium Oxide Reinforced Iron Composites Produced by Powder Metallurgy**  
AÇIKGÖZ ABUZER, AKTAŞ BÜLENT, DEMİRCAN GÖKHAN, AMASYALI FARUK, AKDEMİR FATİH  
Fourth International Iron and Steel Symposium (UDCS'19) ,  
<https://drive.google.com/file/d/1jfWwEhSuRI-3bGcv-dG7CzYnmMh7KcVT/view>
- Cr<sub>2</sub>O<sub>3</sub> Takviyeli çeliklerin yapısal özellikleri**  
AÇIKGÖZ ABUZER, AKTAŞ BÜLENT, ELEK FAİK, KARAYTU HASAN, KAYA EMİN, KARAKAŞ AHMET  
Uluslararası Gap2018 Mühendislik kongresi , [http://www.kongre2018.com/site.php?](http://www.kongre2018.com/site.php?http://eng.harran.edu.tr/gap2018)  
<http://eng.harran.edu.tr/gap2018>
- Dry sliding wear behavior of boron doped AISI 1020 steel**  
AKTAŞ BÜLENT, BALAK MEHMET VEHBİ, ÇARBOĞA CEMAL  
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016) ,
- Dry sliding wear behavior of boron-doped AISI 1040 steels**  
ÇARBOĞA CEMAL, KURT BÜLENT, AKTAŞ BÜLENT, DAL SERKAN  
ICOCEE – CAPPADOCIA 2017 ,

- 9 Dry sliding wear behavior of boron-doped AISI 4140 steels**  
ÇARBOĞA CEMAL,KURT BÜLENT,AKTAŞ BÜLENT,DAL SERKAN  
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- 10 Effect of erbium oxide Er<sub>2</sub>O<sub>3</sub> amount on phase stability sintering and microstructural evolution of cubic zirconia c ZrO<sub>2</sub> erbium oxide Er<sub>2</sub>O<sub>3</sub> nano composites**  
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3rd International Conference on Ultrafine Grained and Nanostructured Materials ,
- 11 Effect of Pack-boriding on the Tribological Behavior of Hardox 450 and HiTuf Steels**  
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FUTURE MATERIALS 2020 ,
- 12 Elektrolit Malzeme Olarak Kullanılan Kübik Zirkonya YSZ Seramiklerine CaO İlavesi ile Tane Sınırı İletkenliğinin Geliştirilmesi**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜPELİ GÜLTEKİN, GÜLSOY ÖZKAN, SALMAN SERDAR  
5. Uluslararası Toz Metalurjisi Konferansı ,
- 13 Fatigue analysis of spur gears due to bending by finite element method**  
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The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technolog (IMSMATEC 2019) ,
- 14 Influence of BS addition on mechanical properties and sintering of 8YSZ**  
AKTAŞ BÜLENT  
5th International Advances in Applied Physics and Materials Science Congress & Exhibition ,
- 15 Influence of Er<sub>2</sub>O<sub>3</sub> addition on tribological properties of zirconia**  
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- 16 Influence of Er<sub>2</sub>O<sub>3</sub> on Structural and Mechanical Properties of Borosilicate Glass**  
AKTAŞ BÜLENT, ALBAŞKARA MEHMET, YALÇIN ŞERİFE  
The Internatinonal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in CAPPADOCIA/TURKEY (IMSMATEC’19), June 21-23 2019 ,
- 17 Inhibition of grain growth in 8 mol. yttria-stabilized zirconia by the addition of CeO<sub>2</sub>**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN  
6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019) ,
- 18 Investigation of radiation shielding properties of soda lime silica glasses doped with different food materials**  
ÇETİN BETÜL, YALÇIN ŞERİFE, AKTAŞ BÜLENT, ALBAŞKARA MEHMET  
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016) ,
- 19 Investigation of the ionic conductivity with impedance spectroscopy of 8YSZ doped with La<sub>2</sub>O<sub>3</sub>**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR  
3rd International Science Symposium “New Horizons in Science” (ISS2018) ,

- 20 Investigation of the photoluminescence properties of Urfa stone powder-doped with Chromium oxide**  
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ICCESSEN ,
- 21 Investigation of the structural properties of Urfa Stone-doped with Erbium oxide**  
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ICCESSEN ,
- 22 Ionic conductivity of BaO-doped 8 mol yttria-stabilized cubic zirconia (8YSZ)**  
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ISyDMA'5 : Virtual Symposium ,
- 23 Katı Elektrolit 8Y CSZ nin Elektriksel İletkenliğine Ve Kırılma Tokluğuna MgO Katkısının Etkisi**  
AKTAŞ BÜLENT  
14th International Materials Symposium (IMSP'2012) , <http://imsp.pau.edu.tr/14.IMSP.pdf>
- 24 Katı Oksit Yakıt Hücresi SOFC Olarak Kullanılan c ZrO<sub>2</sub> Seramiklerin Sinterlenebilirliğine ve Oda Sıcaklığı Mekaniksel Özelliklerine TiO<sub>2</sub> Katkısının Etkisi**  
AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, SALMAN SERDAR, KÜPELİ GÜLTEKİN  
14. Uluslararası Metalurji ve Malzeme Kongresi ,
- 25 Katı Oksit Yakıt Hücresi için Elektrolit bir Malzeme Olarak Kullanılan Kübik Zirkonyanın Mikroyapısına ve Elektriksel Özelliklerine TiO<sub>2</sub> İlavesinin Etkisi**  
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14. Uluslararası Metalurji ve Malzeme Kongresi ,
- 26 Mechanical properties of soda lime silica glasses doped with egg shell powder**  
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- 27 Mechanical Properties of Soda Lime Silica Glasses with Varying Peanut Shell Contents**  
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- 28 OPTICAL PROPERTIES OF SODA LIME SILICA GLASSES DOPED WITH PEANUT SHELL POWDER**  
AKTAŞ BÜLENT, ALBAŞKARA MEHMET, YALÇIN ŞERİFE, DOĞRU KAAN  
16. Uluslararası Malzeme Sempozyumu (IMSP'2016) ,
- 29 Optical properties of soda lime silica glasses doped with egg shell powder**  
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3rd International Conference on Computational and Experimental Science and Engineering (ICCESSEN 2016) ,
- 30 SiC Takviyeli Çeliklerin Üretim Yöntemi ve Mekanik Özellikleri**  
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- 30 Uluslararası Gap 2018 mühendislik kongresi , <http://www.kongre2018.com/site.php?http://eng.harran.edu.tr/gap2018>
- 31 **SiO<sub>2</sub> YSZ Yitriya ile Kararlı Hale Getirilmiş Zirkonya Seramik Malzemelerin Empedans Spektroskopisi**  
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VII. Uluslararası Katılımlı Seramik Kongresi ,  
[http://www.seramik2008.aku.edu.tr/Uluslararası\\_Katılımlı\\_VII\\_Seramik\\_Kongresi.pdf](http://www.seramik2008.aku.edu.tr/Uluslararası_Katılımlı_VII_Seramik_Kongresi.pdf)
- 32 **Synthesis and Mechanical Properties of Lanthanum Oxide La<sub>2</sub>O<sub>3</sub> Doped 8 Mol Yttria Stabilized Cubic Zirconia 8YSZ**  
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- 33 **The relationship between microstructure and fracture toughness in B<sub>2</sub>O<sub>3</sub>-doped 8 mol. yttria-stabilized zirconia**  
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6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019) ,
- 34 **TiO<sub>2</sub>-doped Al<sub>2</sub>O<sub>3</sub> Bioceramics by DLP 3D Printing: Production, Mechanical Properties, and Biological Evaluation**  
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5. International Conference on Life and Engineering Sciences (ICOLES 2022) ,  
<http://www.icoles.net/files/abstract2022.pdf>
- 35 **Ultrasonik Karıştırıcının Kolofan Tabanlı Biyo-epoksi Reçinesinin Mekanik Özelliklerine Etkisi**  
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The Internatinal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia/TURKEY (IMSMATEC'19) , <http://imsmatec.org/uploads/273/imsmatec2019-bildiri-kitabi-son.pdf>
- 36 **Wear Behaviour of B<sub>4</sub>C Reinforced Fe Based Composites Produced by Powder Metallurgy**  
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The Internatinal Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia/TURKEY (IMSMATEC'19) , <http://imsmatec.org/uploads/273/imsmatec2019-bildiri-kitabi-son.pdf>