

Kişisel Bilgiler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Processing of in-situ SiC reinforced AlN based composites**
Kalemtas A., ARSLAN G., KAYA P., TURAN S., KARA F.
JOURNAL OF CERAMIC PROCESSING RESEARCH, cilt.19, sa.2, ss.119-125, 2018 (SCI-Expanded)
- II. **Wear behavior of solid SiAlON milling tools during high speed milling of Inconel 718**
ÇELİK A., Alagac M. S., TURAN S., KARA A., KARA F.
WEAR, cilt.378-379, ss.58-67, 2017 (SCI-Expanded)
- III. **The effect of z value on intergranular phase crystallization of alpha(1)/beta(1)-SiAlON-TiN composites**
ÇALIŞ AÇIKBAŞ N., KARA F.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.37, sa.3, ss.923-930, 2017 (SCI-Expanded)
- IV. **Processing, phase evaluation and mechanical properties of MoSi₂ doped 4TaC-HfC based UHTCs consolidated by spark plasma sintering**
Arianpour F., Golestanifard F., Rezaie H., Mazaheri M., Celik A., KARA F., Fantozzi G.
INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS, cilt.56, ss.1-7, 2016 (SCI-Expanded)
- V. **Wear on SiAlON ceramic tools in drilling of aerospace grade CFRP composites**
Çelik A., Lazoglu I., KARA A., KARA F.
Wear, cilt.338-339, ss.11-21, 2015 (SCI-Expanded)
- VI. **Investigation on the performance of SiAlON ceramic drills on aerospace grade CFRP composites**
Çelik A., Lazoglu I., KARA A., KARA F.
Journal of Materials Processing Technology, cilt.223, ss.39-47, 2015 (SCI-Expanded)
- VII. **Effect of heat treatment on green machinability of SiAlON compacts**
Celik A., Yaman H., TURAN S., KARA A., KARA F.
JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, cilt.214, sa.4, ss.767-774, 2014 (SCI-Expanded)
- VIII. **Microstructure-permeability relation of porous beta-Si₃N₄ ceramics**
TOPATEŞ G., Mammitzsch L., Petasch U., Adler J., KARA F., MANDAL H.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.33, sa.9, ss.1545-1551, 2013 (SCI-Expanded)
- IX. **Mechanical characterization of highly porous beta-Si₃N₄ ceramics fabricated via partial sintering & starch addition**
KALEMTAŞ A., TOPATEŞ G., Oezcoban H., MANDAL H., KARA F., Janssen R.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, cilt.33, sa.9, ss.1507-1515, 2013 (SCI-Expanded)
- X. **A comparative study of SiAlON ceramics**
Mallik A. K., ÇALIŞ AÇIKBAŞ N., KARA F., MANDAL H., Basu D.
CERAMICS INTERNATIONAL, cilt.38, sa.7, ss.5757-5767, 2012 (SCI-Expanded)
- XI. **Cytocompatibility property evaluation of gas pressure sintered SiAlON-SiC composites with L929 fibroblast cells and Saos-2 osteoblast-like cells**
Kumar A., Mallik A. K., Acikbas N. C., Yaygingol M., KARA F., Mandal H., Basu D., Biswas K., Basu B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.32, sa.3, ss.464-469, 2012 (SCI-Expanded)

- XII. **Influence of SiC addition on tribological properties of SiAlON**
Mallik A. K., Reddy K. M., ÇALIŞ AÇIKBAŞ N., Kara F., MANDAL H., Basu D., Basu B.
CERAMICS INTERNATIONAL, cilt.37, sa.7, ss.2495-2504, 2011 (SCI-Expanded)
- XIII. **Microstructure-Mechanical Properties-Wear Resistance Relationship of SiAlON Ceramics**
Kumar R., Acikbas N. C., KARA F., MANDAL H., Basu B.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, cilt.40A, sa.10, ss.2319-2332, 2009 (SCI-Expanded)
- XIV. **OPTIMIZATION OF THE CORROSION BEHAVIOR OF MULLITE REFRACTORIES AGAINST ALKALI VAPOR VIA ZrSiO₄ ADDITION TO THE BINDER PHASE**
BAŞPINAR M. S., Kara F.
CERAMICS-SİLİKATY, cilt.53, sa.4, ss.242-249, 2009 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Production and permeability of porous Si₃N₄ ceramics produced by starch addition**
TOPATEŞ G., Petasch U., Adler J., Kara F., Mandal H.
JOURNAL OF ASIAN CERAMIC SOCIETIES, cilt.1, sa.3, ss.257-261, 2013 (ESCI)
- II. **Spark plasma sintering of silicon nitride-boron carbide composites**
AYAS E., KALEMTAŞ A., Arslan G., KARA A., KARA F.
Key Engineering Materials, cilt.403, ss.225-226, 2009 (Scopus)
- III. **A novel approach for preparing electrically conductive SiAlON-TiN composites by spark plasma sintering**
AYAS E., KARA A., KARA F.
Key Engineering Materials, cilt.403, ss.243-244, 2009 (Scopus)
- IV. **Development of α - β SiAlON ceramics from different Si₃N₄ starting powders**
Acikbas N. C., KARA F., MANDAL H.
Key Engineering Materials, cilt.403, ss.107-108, 2009 (Scopus)
- V. **Interactions between AlN and SiAlON ceramics**
KALEMTAŞ A., Calis Acikbas N., KARA F., MANDAL H., Krnel K., Kosmac T.
Key Engineering Materials, cilt.403, ss.97-98, 2009 (Scopus)
- VI. **Pressureless melt infiltrated non-oxide ceramic-metal composites**
KALEMTAŞ A., Arslan G., KARA F.
Key Engineering Materials, cilt.403, ss.251-252, 2009 (Scopus)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **alpha/beta SiAlON BASED COMPOSITES INCORPORATED WITH MoSi₂ FOR ELECTRICAL APPLICATIONS**
AYAS E., KARA A., Kara F.
8th Pacific Rim Conference on Ceramic and Glass Technology, Vancouver, Kanada, 31 Mayıs - 05 Haziran 2009, cilt.215, ss.189-195, (Tam Metin Bildiri)
- II. **Development of alpha-beta SiAlON ceramics from different Si₃N₄ starting powders**
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2nd International Symposium on SiAlONs and Non-Oxides, Mie, Japonya, 2 - 05 Aralık 2007, cilt.403, ss.107-108, (Tam Metin Bildiri)
- III. **Development strategies for sialon ceramics**
KARA F., MANDAL H., TURAN S., KARA A., Acikbas N. C.
2nd International Congress on Ceramics, ICC 2008, Verona, İtalya, 29 Haziran - 04 Temmuz 2008, (Tam Metin Bildiri)

- IV. **Glass-ceramic glazes in the CaO-SiO₂ system**
Alptekin K., KARA F.
Proceedings of the 8th Conference and Exhibition of the European Ceramic Society, İstanbul, Türkiye, 29 Haziran - 03 Temmuz 2003, cilt.264-268, ss.1709-1712, (Tam Metin Bildiri)
- V. **Development of laminar type functionally graded SiAlON ceramics**
Çalış N., KARA A., KARA F., MANDAL H.
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- VI. **High strength diopside containing porcelain tiles**
Cavac M., KARA F.
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- VII. **Fundamentals for optimization of binding for high refractory mullite products**
Başpınar M., Schulle W., KARA F.
Proceedings of the 8th Conference and Exhibition of the European Ceramic Society, İstanbul, Türkiye, 29 Haziran - 03 Temmuz 2003, cilt.264-268, ss.1787-1790, (Tam Metin Bildiri)
- VIII. **Phase studies of reactive infiltrated boron carbide-aluminium composites by quantitative XRD**
Arslan G., KARA F., TURAN S.
7th Conference of the European Ceramic Society, Brugge, Belçika, 9 - 13 Eylül 2001, cilt.206-213, ss.759-762, (Tam Metin Bildiri)
- IX. **Performance of new α - β SiAlONs in turning operations**
MANDAL H., KARA F., TURAN S., KARA A.
7th Conference and Exhibition of the European Ceramic Society, Brugge, Belçika, 9 - 13 Eylül 2001, cilt.206-213, ss.929-932, (Tam Metin Bildiri)
- X. **Mechanical properties of melt infiltrated boron carbide-aluminium composites**
Arslan G., KARA F., TURAN S.
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