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Personal Information

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Education Information

Doctorate, Istanbul Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2016 - Continues

Postgraduate, Istanbul Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, Turkey 2014 - 2016

Undergraduate, Marmara University, Metalurji Ve Malzeme Mühendisliği (İngilizce), Metalurji Ve Malzeme Mühendisliği, Turkey 2007 - 2013

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Fonksiyonel derecelendirilmiş Al₂O₃/CYSZ termal bariyer kaplamaların üretimi ve karakterizasyonu, Istanbul Technical University, Fen Bilimleri Enstitüsü, Metalurji ve Malzeme Mühendisliği, 2016

Research Areas

Technical Sciences, Metallurgical and Materials Engineering, Material science and engineering, Biomaterials, Plating, Material Characterization

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Microstructural, mechanical and thermal properties of Al₂O₃/CYSZ functionally graded thermal barrier coatings**

Kırbıyık F., Gok M. G. , Göller G.

SURFACE & COATINGS TECHNOLOGY, vol.329, pp.193-201, 2017 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **DETERMINATION OF LASER SURFACE MODIFICATION FOR FUNCTIONALLY GRADED AL₂O₃ / CYSZ THERMAL BARRIER COATING**
KIRBIYIK F., GÖLLER G.
International Materials Technologies and Metallurgy Conference 2019, 31 October - 01 November 2019
- II. **Processing of Laser Surface Modification of Functionally Graded Alumina/CYSZ Thermal Barrier Coating**
KIRBIYIK F., GÖLLER G.
Materials Science and Technology 2019, Portland, United States Of America, 29 September - 03 October 2019
- III. **Comparative study of CMAS and hot corrosion behaviour of single layered and functionally graded thermal barrier coatings**
KIRBIYIK F., GÖLLER G.
19th International Metallurgy and Materials Congress, 25 - 27 October 2018
- IV. **Microstructure Evaluation of Atmospheric Plasma Sprayed (APSeD) and Spark Plasma Sintered (SPSeD) NiCoCrAlY/CYSZ Thermal Barrier Coatings**
Kırbiyık F., Şahin F., Yücel O., Göller G.
International Conference on Sintering 2017, San Diego, United States Of America, 12 - 16 November 2017, pp.96
- V. **Microstructural evaluation of spark plasma sintered (SPS) and atmospheric plasma sprayed (APS) CYSZ / bond coat thermal barrier coatings**
Kırbiyık F., SAHIN F. C. , YUCEL O., Göller G.
International Conference on Sintering 2017, San Diego, United States Of America, 13 - 16 November 2017, pp.63
- VI. **CMAS and hot corrosion resistance behavior of functionally graded Al₂O₃/CYSZ thermal barrier coatings**
Kırbiyık F., Göller G.
The 15th Conference & Exhibition of the European Ceramic Society (ECerS2017), Budapest, Hungary, 10 - 14 July 2017, pp.35
- VII. **Production and Characterization of CYSZ Al₂O₃ Thermal Barrier Coatings with Functionally Graded Design**
KIRBIYIK F., GÖLLER G.
Materials Science and Technology 2016, Salt Lake, United States Of America, 23 - 27 October 2016
- VIII. **Production and Characterization of Al₂O₃/CYSZ Thermal Barrier Coatings with Functionally Graded Design**
Kırbiyık F., Göller G.
Materials Science and Technology 2016 MS&T'16, Salt Lake, United States Of America, 23 - 27 October 2016, pp.64
- IX. **Processing and characterization of CYSZ/Al₂O₃ functionally graded thermal barrier coating**
Kırbiyık F., Göller G.
18th International Metallurgy and Materials Congress, İstanbul, Turkey, 29 September - 01 October 2016, pp.58

Edit Congress and Symposium Activities

International Conference on Sintering 2017 (Sintering 2017), Attendee, California, United States Of America, 2017
15th Conference & Exhibition of the European Ceramic Society (ECerS2017), Attendee, Budapest, Hungary, 2017
Materials Science & Technology 2016 MS&T'16, Attendee, California, United States Of America, 2016
18th International Metallurgy and Materials Congress, Attendee, İstanbul, Turkey, 2016

Citations

Total Citations (WOS):12

h-index (WOS):1