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Publons / Web Of Science ResearcherID: E-4547-2015

ScopusID: 56089725600

Yoksis Araştırmacı ID: 171108

Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Türkiye 2011 - 2017

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Yaptığı Tezler

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Araştırma Alanları

Triboloji, Makina Elemanları, Malzeme

Akademik Unvanlar / Görevler

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Verdiği Dersler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Failure analysis of an axle shaft in an airport ground support vehicle

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III. An investigation on wear behavior of UHMWPE/carbide composites at elevated temperatures

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IV. Anisotropic mechanical and tribological properties of SiAlON matrix composites containing different types of GNPs

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Journal of the European Ceramic Society, cilt.41, sa.3, ss.1878-1890, 2021 (SCI-Expanded)

V. Polishing operation of a steel bar in a shear thickening fluid medium

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VI. Characterization of the mechanism of cryogenic treatment on the microstructural changes in tungsten carbide cutting tools

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MATERIALS CHARACTERIZATION, cilt.150, ss.1-7, 2019 (SCI-Expanded)

VII. Effect of cryogenic treatment on the microstructure and the wear behavior of WC-Co end mills for machining of Ti6Al4V titanium alloy

Çelik O. N., Sert A., Gaşan H., Ulutan M.

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- I. **Laser Surface Texturing and Techniques to Improve the Tribological Properties of Materials**
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- II. **AISI M2 Takım Çeliğinin Mikroyapısı ve Mekanik Davranışları Üzerine Derin Kriyojenik İşlemin ve Temperlemenin Etkisi**
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- III. **Maintenance Error Detection Procedure and A Case Study of Failure Analysis Locomotive Diesel Engine Bearings**
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- I. **Development of Shear Thickening Fluid Based Polishing Slurries**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Mechanical and Tribological Properties of Electroless Nickel Phosphorous Coating on Ti6Al4V Titanium Alloy**
SERT A., BAŞKUT S.
2nd Global Conference on Engineering Research, Balıkesir, Türkiye, 07 Eylül 2022, ss.425
- II. **STRATEGIES TO IMPROVE TRIBOLOGICAL PROPERTIES OF SILICON CARBIDE**
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- III. **EFFECT OF UHMWPE COATING ON THE TRIBOLOGICAL BEHAVIOR OF A LASER TEXTURED STEEL**
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- IV. **INFLUENCE OF CRYOGENIC HEAT TREATMENT ON PERFORMANCE OF UNCOATED, ALCRN AND ALTIN CARBIDE CUTTING TOOLS IN MILLING OF Ti6Al4V**
Demircan Y., Gemici S., SERT A., ULUTAN M., GAŞAN H.
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- V. **Tribological and Finite Element Study on the Elastic Behaviour of a Steel Sphere against a**

- Deformable Flat Material**
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- VI. Investigation on Tribological Behavior of Laser Surface Treated Ti6Al4V Alloy**
ÇAVUŞOĞLU N., GÜRGEN S., ÇAKIR F. H., SERT A.
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- VII. Study of Carbide Evolution During Heat Treatment of AISI D2 Tool Steel**
ÇAVUŞOĞLU N., SERT A., ÇELİK O. N., CEYHUN V.
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- VIII. Investigation of the Mechanism of Cryogenic Treatment on the Microstructural Changes in Tungsten Carbide Tools**
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- IX. Cutting Performance of Different Co Content of Tungsten Carbide Cutting Tools for Titanium Alloy Milling**
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- X. Characterisation of Tribological Properties of Lubricating Oil with Silicon Nitride Nanoparticle Additives**
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- XI. A Study of Quantitative Metallography and X Ray Diffraction Methods for Quantifying Carbide Amount in AISI D2 Tool Steel**
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- XIII. Tribological Behaviors of Yttria Stabilized Zirconia (YSZ) Nanoparticles as Lubricant Additives**
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- XV. Microstructural Characterization of Surface Alloyed Al7075-T651 Aluminum Alloy by Friction Stir Processing**
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- XVI. The Investigation Of Adhesive Wear Properties Of Borided AISI 316 L Stainless Steel**
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Bilimsel Hakemlikler

Metrikler

Yayın: 33

Atıf (WoS): 183

Atıf (Scopus): 241

H-İndeks (WoS): 8

H-İndeks (Scopus): 9

Ödüller

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