

Prof. Ömer  
SAVAŞ



### Personal Information

Office Phone: [+90 212 385 3002](tel:+902123853002)

Email: [osavas@yildiz.edu.tr](mailto:osavas@yildiz.edu.tr)

Web:

<https://avesis.yildiz.edu.tr/osavas>



### International Researcher IDs

ScholarID: WtFQ89sAAAAJ

ORCID: 0000-0001-7454-1457

Publons / Web Of Science

ResearcherID: AAZ-4509-2020

ScopusID: 36641908000

Yoksis Researcher ID: 21528

### Education Information

Doctorate, Sakarya University, Fen Bilimleri Enst., Metal Eğitimi, Turkey  
2005 - 2010

Postgraduate, Sakarya University, Fen Bilimleri Enst., Metal Eğitimi, Turkey  
2002 - 2005

Undergraduate, Sakarya University, Faculty Of Technical Education, Metal Öğretmenliği, Turkey  
1998 - 2002

Associate Degree, Kocaeli University, Kocaeli Meslek Yüksek Okulu, Endüstriye Elektronik, Turkey  
1995 - 1997

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Joining and Cutting, Composites, Engineering and Technology

### Academic Titles / Tasks

Professor, Yıldız Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2023 - Continues

Associate Professor, Yıldız Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2018 - 2023

Assistant Professor, Yıldız Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2013 - 2018

Assistant Professor, Duzce University, Gumusova Vocational School, 2011 - 2013

## Academic and Administrative Experience

Head of Department, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2024 - Continues

Fakülte Kurulu Üyesi, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2020 - 2023

Farabi Program Institutional Coordinator, Yildiz Technical University, 2013 - 2017

Coordinator of Faculty Training Program, Yildiz Technical University, 2013 - 2017

Deputy Head of Department, Yildiz Technical University, 2013 - 2016

Düzce Üniversitesi, 2011 - 2012

## Advising Theses

Savaş Ö., Gemi ve Deniz Yapılarında Kaynak Uygulamaları Sonucunda İstenmeyen Şekil Değişimlerinin ve Artık Gerilmelerin Önlenmesine Yönelik Çalışmalar, Postgraduate, S.ÇİRTLİK(Student), 2022

Savaş Ö., Titanyum di-borid ile fonksiyonel olarak derecelendirilmiş alüminyum ana yapıli kompozitlerin aşınma davranışlarının Taguchi yaklaşımıyla incelenmesi, Postgraduate, H.KILIÇ(Student), 2022

Savaş Ö., ALÜMİNYUM DİBORİD TAKVİYELİ ALÜMİNYUM MATRİSLİ KOMPOZİTLERİN ABRAZİF AŞINMA DAVRANIŞLARININ İNCELENMESİ, Postgraduate, E.İNÇİ(Student), 2020

Savaş Ö., Alüminyum esasli titanyum diborür takviyeli fonksiyonel derecelendirilmiş kompozitlerin üretimi ve aşınma özelliklerinin incelenmesi, Postgraduate, Ö.FARUK(Student), 2019

Savaş Ö., Alüminyum esasli titanyum tri-alüminit takviyeli kompozitlerin savurma döküm yöntemiyle üretimi ve aşınma özelliklerinin incelenmesi, Postgraduate, M.SONER(Student), 2018

Savaş Ö., Deniz taşıtlarında kullanılan farklı yağların segman-silindir çifti yüzeylerindeki tribolojik özelliklerine etki eden parametrelerin incelenmesi, Postgraduate, Z.AYDIN(Student), 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Corrosion Behaviour of Al/(TiB<sub>2</sub> + -Al<sub>3</sub>Ti)-Based Functional Grade Metal Matrix Composite by Sedimentation Method**  
Kocaman E., Aydın H., Yiğit K., Çalıřkan F., Savaş Ö.  
Transactions of the Indian Institute of Metals, vol.77, no.8, pp.2153-2161, 2024 (SCI-Expanded)
- II. **Abrasive wear behavior of functionally graded Al<sub>3</sub>Ti reinforced aluminum matrix composite**  
Yildiz E. T. Y., SAVAŞ Ö., Başer M. S., Kocaman E.  
China Foundry, 2024 (SCI-Expanded)
- III. **Prediction and optimization of tribological behavior of AlB<sub>2</sub>/Al composite according to Taguchi analysis approach**  
Savaş Ö., İnci E.  
MATERIALS LETTERS, vol.322, no.0, pp.1-4, 2022 (SCI-Expanded)
- IV. **Fabrication and characterization of TiB<sub>2</sub>-reinforced functionally graded aluminum matrix material**  
Savaş Ö.  
Industrial Lubrication and Tribology, vol.72, pp.1147-1152, 2020 (SCI-Expanded)
- V. **Production and properties of functionally graded hybrid composites containing Al<sub>3</sub>Ti and TiB<sub>2</sub>**  
Savaş Ö.  
International Journal of Materials Research, vol.111, pp.726-732, 2020 (SCI-Expanded)
- VI. **Application of Taguchi's method to evaluate abrasive wear behavior of functionally graded aluminum based composite**  
Savaş Ö.  
MATERIALS TODAY COMMUNICATIONS, vol.23, 2020 (SCI-Expanded)
- VII. **Investigation of Production and Abrasive Wear Behavior of Functionally Graded TiB<sub>2</sub>/Al and TiB<sub>2</sub>/Al-4Cu Composites**  
Savaş Ö.

Transactions of the Indian Institute of Metals, vol.73, pp.543-553, 2020 (SCI-Expanded)

- VIII. **The production and properties of Al<sub>3</sub>Ti reinforced functionally graded aluminum matrix composites produced by the centrifugal casting method**  
Savaş Ö.  
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)
- IX. **Comparative Analysis of Ship Lighting Systems in Terms of Economic, Environmental and Material Performance**  
YİĞİT K., KÖKKÜLÜNK G., SAVAŞ Ö.  
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.189-191, 2018 (SCI-Expanded)
- X. **Effects of Fuel Contamination to Marine Lubricant on Friction Behaviors between Piston Ring and Cylinder Liner**  
Aydın Z., Savaş Ö., Parlak A., Keskin İ., Ünlügençoğlu K.  
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.617-620, 2016 (SCI-Expanded)
- XI. **Corrosion Behavior of in-Situ AlB<sub>2</sub>/Al-Cu Metal Matrix Composite**  
Elçiçek H., Savaş Ö., Aydın Z., Özdemir O., Kayikci R.  
ACTA PHYSICA POLONICA A, vol.129, pp.661-664, 2016 (SCI-Expanded)
- XII. **Production of functionally graded SiC/Al-Cu-Mg composite by centrifugal casting**  
Savaş Ö., Kayikci R., Ficici F., Colak M., Deniz G., Varol F.  
Science and Engineering of Composite Materials, vol.23, no.2, pp.155-159, 2016 (SCI-Expanded)
- XIII. **Fabrication and properties of functionally graded Al/AlB<sub>2</sub> composites**  
Kayikci R., Savaş Ö.  
JOURNAL OF COMPOSITE MATERIALS, vol.49, pp.2029-2037, 2015 (SCI-Expanded)
- XIV. **Application of Taguchi Method to Investigate the Effect of Nucleus Diameter on Mechanical Properties of Automotive Sheets in Electrical Resistance Spot Welding**  
SAVAŞ Ö.  
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.921-924, 2015 (SCI-Expanded)
- XV. **Effect of some welding parameters on nugget size in electrical resistance spot welding**  
Savas O.  
STEEL AND COMPOSITE STRUCTURES, vol.18, no.2, pp.345-355, 2015 (SCI-Expanded)
- XVI. **Fabrication and properties of in-situ Al/AlB<sub>2</sub> composite reinforced with high aspect ratio borides**  
Kayikci R., Savaş Ö.  
Steel and Composite Structures, vol.19, pp.777-787, 2015 (SCI-Expanded)
- XVII. **Experimental optimization in turning of in-situ AlB<sub>2</sub> reinforced AlMg<sub>3</sub> matrix composites produced by centrifugal casting method**  
Koksal S., Ficici F., Kayikci R., Savaş Ö.  
JOURNAL OF COMPOSITE MATERIALS, vol.48, pp.1801-1812, 2014 (SCI-Expanded)
- XVIII. **Investigation of Mechanical and Dry Sliding Wear Behaviours of AlB<sub>2</sub>/PE Polymer Matrix Composites**  
SAVAŞ Ö., Ficici F., Kayikci R., Koksal S.  
ACTA PHYSICA POLONICA A, vol.125, no.2, pp.388-390, 2014 (SCI-Expanded)
- XIX. **The Effect of Reinforcement Ratio on the Wear Behaviour of AlB<sub>2</sub> Flake Reinforced Metal Matrix Composites**  
Kayikci R., Savaş Ö., Koksal S., Demir A.  
ACTA PHYSICA POLONICA A, vol.125, pp.590-592, 2014 (SCI-Expanded)
- XX. **The Effects of Different Fuels on Wear between Piston Ring and Cylinder**  
Cesur E., Ayhan V., Parlak A., SAVAŞ Ö., AYDIN Z.  
ADVANCES IN MECHANICAL ENGINEERING, 2014 (SCI-Expanded)
- XXI. **A Taguchi optimisation for production of Al-B master alloys using boron oxide**  
Savaş Ö., Kayikci R.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.580, pp.232-238, 2013 (SCI-Expanded)
- XXII. **Production and wear properties of metal matrix composites reinforced with boride particles**  
Savaş Ö., Kayikci R.  
MATERIALS & DESIGN, vol.51, pp.641-647, 2013 (SCI-Expanded)
- XXIII. **Experimental optimization of dry sliding wear behavior of in situ AlB<sub>2</sub>/Al composite based on Taguchi's**

## method

Koksal S., Ficici F., Kayikci R., Savas O.

MATERIALS & DESIGN, vol.42, pp.124-130, 2012 (SCI-Expanded)

XXIV. **APPLICATION OF TAGUCHI METHOD TO INVESTIGATE THE EFFECT OF SOME FACTORS ON IN-SITU FORMED FLAKE STRUCTURES OF AL/ALB(2) COMPOSITE**

Savaş Ö., Kayikci R., Köksal S.

ADVANCED COMPOSITES LETTERS, vol.21, no.2, pp.44-50, 2012 (SCI-Expanded)

XXV. **Investigation of unlubricated sliding wear behaviours of in-situ AIB 2/Al metal matrix composite**

Ficici F., Koksal S., Kayikci R., Savas Ö.

Advanced Composites Letters, vol.20, pp.109-116, 2011 (SCI-Expanded)

XXVI. **Application of Taguchi's methods to investigate some factors affecting microporosity formation in A360 aluminium alloy casting**

SAVAŞ Ö., KAYIKCI R.

MATERIALS & DESIGN, vol.28, no.7, pp.2224-2228, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Kam Profillerinin Değme Analizi ve Elastohidrodinamik Yağ Filmi Kalınlığı**  
KESKİN ÖNER İ., SAVAŞ Ö.  
Sakarya University of Applied Sciences, vol.3, no.2, pp.57-66, 2023 (Peer-Reviewed Journal)
- II. **ABRASIVE WEAR BEHAVIOR OF FUNCTIONALLY GRADED AIB2/Al COMPOSITE**  
Savaş Ö., Keskin Öner İ.  
Mersin University, vol.5, no.2, pp.45-52, 2023 (Peer-Reviewed Journal)
- III. **Sac levhaların lastik tampon yardımıyla form verilmesi ve proses parametrelerinin Taguchi yaklaşımı ile optimizasyonunu**  
KILIÇ S., ÖNEN S. K., ASLANDAĞ A., KOCA S., SAVAŞ Ö.  
Journal of Marine and Engineering Technology (JOINMET), vol.2, no.2, pp.68-77, 2022 (Peer-Reviewed Journal)
- IV. **Abrasive Wear Behavior of Centrifugally Cast Al Alloy Composites with TiB2 Reinforcement**  
Savaş Ö., Kılıç H.  
TRIBOLOGY IN INDUSTRY, vol.0, no.0, pp.1-9, 2022 (Scopus)
- V. **Savurma Döküm Yöntemi ile Üretilmiş AIB2/Al Kompozit Malzemelerin Aşınma Davranışlarının İncelenmesi**  
Keskin Öner İ., Savaş Ö.  
Journal of Marine and Engineering Technology (JOINMET), vol.2, no.1, pp.40-49, 2022 (Peer-Reviewed Journal)
- VI. **PRODUCIBILITY OF FUNCTIONALLY GRADED AIB2/Al COMPOSITE MATERIAL**  
Savaş Ö., Karataş C.  
Journal of Marine Technology and Environment, vol.1, no.1, pp.73-83, 2022 (Peer-Reviewed Journal)
- VII. **Kaynak Uygulamaları Sonucunda Gemi Saclarında Meydana Gelen Distorsiyon ve Çarpılmaların Önlenmesine Yönelik Çalışmalar**  
Savaş Ö., Çırtlık S.  
European Journal of Science and Technology, no.33, pp.251-257, 2022 (Peer-Reviewed Journal)
- VIII. **An Experimental Study on Investigation of Abrasive Properties of AIB2 Borid Reinforced Aluminium Matrix Composites**  
İNCİ E., SAVAŞ Ö.  
European Journal of Science and Technology, vol.19, pp.873-880, 2020 (Peer-Reviewed Journal)
- IX. **Fonksiyonel Derecelendirilmiş TiB2/Al Kompozitlerin Üretimi Üzerine Bir Çalışma**  
Savaş Ö., Demirok Ö. F.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.3, pp.1829-1839, 2020 (Peer-Reviewed Journal)
- X. **Fonksiyonel Derecelendirilmiş Fleyk-Al3Ti/Al Kompozitlerin Üretimi ve Özelliklerinin Araştırılması**  
Savaş Ö., Başer M. S.  
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.36, no.1, pp.129-137, 2020 (Peer-Reviewed Journal)
- XI. **Alüminyum Ana Yapılı Fonksiyonel Derecelendirilmiş Al3Ti Takviyeli Kompozitlerin Abrasif Aşınma Davranışlarının Taguchi Yaklaşımı İle İncelenmesi**  
Savaş Ö., Başer S.

Bayburt Üniversitesi Fen Bilimleri Dergisi, vol.2, no.2, pp.193-200, 2019 (Peer-Reviewed Journal)

- XII. **Fonksiyonel Derecelendirilmiş TiB<sub>2</sub>/Al Kompozitlerin Abrasif Aşınma Davranışları Üzerine Deneysel Bir Çalışma**  
Savaş Ö., Demirok Ö. F.  
European Journal of Science and Technology, vol.17, pp.972-981, 2019 (Peer-Reviewed Journal)
- XIII. **Taguchi Yaklaşımı ile içten yanmalı motorlarda segman-silindir gömleği arasındaki sürtünme katsayısının deneysel olarak incelenmesi**  
SAVAŞ Ö., ELÇİÇEK H., AYDIN Z.  
JOURNAL OF ETA MARITIME SCIENCE, vol.6, no.1, pp.17-25, 2018 (Peer-Reviewed Journal)
- XIV. **Experimental Investigation of Friction Coefficient Between Piston Ring-Cylinder Liner of Internal Combustion Engines with Taguchi Method**  
Savaş Ö., Elçiçek H., Aydın Z.  
Journal of ETA Maritime Science, vol.6, pp.17-25, 2018 (Peer-Reviewed Journal)
- XV. **Investigation of the Effects of Wear Between Piston Ring and Cylinder Liner of Internal Combustion Engines in case of Mixing of Fuel Oil into Lubricating Oil**  
Savaş Ö.  
Journal of ETA Maritime Science, vol.5, pp.112-119, 2017 (Peer-Reviewed Journal)
- XVI. **Production of Functionally Graded AlB<sub>2</sub>/Al-4Mg Composite by Centrifugal Casting**  
Savaş Ö., Kayıkcı R., Fıçıcı F., Köksal S.  
Periodicals of Engineering and Natural Sciences (PEN), vol.1, pp.38-43, 2013 (Peer-Reviewed Journal)
- XVII. **Alüminyum Silisyum Alaşımlarının Dökümünde Mikro Porozite Probleminin İncelenmesi**  
SAVAŞ Ö., KAYIKCI R., Cüceloğlu E.  
Metal Dünyası, vol.0, pp.119-123, 2005 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SEDİMENTASYON YÖNTEMİ İLE FONKSİYONEL DERECELENDİRİLMİŞ TiB<sub>2</sub>/AL-CU-Sİ KOMPOZİTLERİN ÜRETİLE BİLİRLİĞİNİN ARAŞTIRILMASI**  
Akyol U. A., Kocaman E., Savaş Ö.  
ICSAS 2ND INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Erzurum, Turkey, 19 - 21 April 2024, pp.269-281
- II. **Production of TiB<sub>2</sub>/Al Composite Material for Ship Machinery Parts**  
Kılıç H., Başer M. S., SAVAŞ Ö.  
Global Maritime Conference (GMC'21), İstanbul, Turkey, 17 - 18 November 2021
- III. **Producibility of Functionally Graded AlB<sub>2</sub>/Al Composite Material**  
SAVAŞ Ö., Karataş C.  
Global Maritime Conference (GMC'21), İstanbul, Turkey, 17 - 18 November 2021
- IV. **Investigation of Wear Behavior of Al<sub>3</sub>Ti-reinforced Aluminum Matrix Composites**  
Savaş Ö., Yıldız E. T. Y.  
Global Maritime Conference (GMC'21), 18 - 19 November 2021, pp.57
- V. **Alüminyum Matrisli AlB<sub>2</sub> Takviyeli Kompozitlerin Aşınma Davranışlarının İncelenmesi**  
KESKİN İ., SAVAŞ Ö.  
2nd International Congress on Engineering and Architecture, Muğla, Turkey, 22 - 24 April 2019, pp.1814-1824
- VI. **In-situ Al<sub>3</sub>Ti Takviyeli Al-5 Si Esaslı Kompozitlerin Üretim ve Özellikleri**  
SAVAŞ Ö., KESKİN İ.  
2nd International Congress on Engineering and Architecture, Muğla, Turkey, 22 - 24 April 2019, pp.747-757
- VII. **Examination of Depression and Anxiety Levels of Maritime Students from Yıldız Teknik University before and after their Longterm Internships**  
SAVAŞ Ö., Çakır B., Yılmaz İ.  
3rd International Naval Architecture and Maritime Symposium, 24 - 25 April 2018
- VIII. **INVESTIGATION OF AGGRESSIVE WEAR PROPERTIES OF TiB<sub>2</sub>/Al FUNCTIONAL GRADED COMPOSITES**  
SAVAŞ Ö., Demirok Ö., Başer S.  
THIRD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2017, 19 - 21 December 2017, pp.599-603

- IX. **PRODUCTION AND PROPERTIES OF FUNCTIONALLY GRADED  $Al_3Ti/Al$  COMPOSITE BY CENTRIFUGAL CASTING**  
SAVAŞ Ö., BAŞER S., DEMİROK Ö.  
THIRD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2017, 19 - 21 December 2017, pp.592-598
- X. **THE EFFECT OF NUGGET SIZES ON MECHANICAL PROPERTIES IN RESISTANCE SPOT WELDING OF TRIP STEEL SHEETS USED IN AUTOMOTIVE INDUSTRY**  
FERİK E., VAROL F., SAVAŞ Ö., ÖZSARAÇ U., ASLANLAR S.  
SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE: ICAS 2017, İstanbul, Turkey, 13 - 15 September 2017, pp.100-106
- XI. **INVESTIGATION OF MECHANICAL PROPERTIES OF OVERLAP JOINT FORM IN MIG-BRAZED JOINTS OF DP600 STEEL PLATES USING DIFFERENT ARC VOLTAGE**  
SAVAŞ Ö., VAROL F., ŞIKŞIK V., ACAR İ., ASLANLAR S.  
1st INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, İstanbul, Turkey, 25 - 28 April 2017, pp.146-149
- XII. **ANALYZING OF MECHANICAL PROPERTIES OF BUTT JOINT FORM IN MIG-BRAZED JOINTS OF DUAL PHASE STEEL PLATES USING DIFFERENT GAS FLOW RATE**  
VAROL F., SAVAŞ Ö., ACAR İ., ŞIKŞIK V., ASLANLAR S.  
1st INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, İstanbul, Turkey, 25 - 28 April 2017, pp.142-145
- XIII. **ANALYZING OF MECHANICAL PROPERTIES OF OVERLAP JOINT FORM IN MIG-BRAZED JOINTS OF DUAL PHASE STEEL PLATES USING DIFFERENT GAS FLOW RATES**  
VAROL F., SAVAŞ Ö., ACAR İ., ŞIKŞIK V., ASLANLAR S.  
1st INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, İstanbul, Turkey, 25 - 28 April 2017, pp.150-153
- XIV. **Comparative analysis of ship lighting systems in terms of economic, environmental and material performance**  
YİĞİT K., KÖKKÜLÜNK G., SAVAŞ Ö.  
7th INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS EXHIBITION, 22 - 26 April 2017, pp.83
- XV. **Modelling of Wear on a Cam Profile**  
KESKİN İ., PARLAK A., SAVAŞ Ö., ELÇİÇEK H.  
2nd International Conference Conference on Engineering and Natural Sciences, Bosnia And Herzegovina, 24 - 28 May 2016, pp.2413-2417
- XVI. **Oxidation Behaviour of Aluminium Matrix Composites**  
ELÇİÇEK H., SAVAŞ Ö., KAYIKCI R., AVCI A.  
6th International Advances in Applied Physics and Materials Science Congress Exhibition, 1 - 03 June 2016
- XVII. **The Effects of Contamination of Heavy Fuel Oil with Cylinder Oil on Wear Characteristic**  
AYDIN Z., SAVAŞ Ö., ELÇİÇEK H., PARLAK A.  
6th International Advances in Applied Physics and Materials Science Congress Exhibition, 1 - 03 June 2016
- XVIII. **Investigation of tensile shear strength of automotive sheets in electrical resistance spot welding**  
SAVAŞ Ö., VAROL F., ASLANLAR S.  
International Conference on Engineering and Natural Sciences (ICENS) 2016, 24 - 28 May 2016
- XIX. **Investigation of the Membrane Fouling Characterization for the Microfiltration Membrane using Ballast Water Treatment**  
ELÇİÇEK H., PARLAK A., ÇAKMAKCI M., SAVAŞ Ö.  
International Conference on Engineering and Natural Sciences (ICENS) 2016, 24 - 28 May 2016
- XX. **INVESTIGATION OF SURFACE MORPHOLOGY AND ELECTROCHEMICAL CORROSION BEHAVIOUR OF ALUMINIUM COMPOSITES REINFORCED WITH HIGH ASPECT RATIO BORIDES**  
ELÇİÇEK H., SAVAŞ Ö., KAYIKCI R.  
2nd International Conference on Engineering and Natural Sciences (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016
- XXI. **Investigation of Membrane Fouling Characterization for the Microfiltration Membrane using Ballast Water**

## **Treatment**

ELÇİÇEK H., PARLAK A., ÇAKMAKCI M., SAVAŞ Ö.

2nd International Conference on Engineering and Natural Sciences, 24 - 28 May 2016

- XXII. **Modelling of Wear on a Cam Profile**  
KESKİN İ., PARLAK A., SAVAŞ Ö., ELÇİÇEK H.  
International Conference on Engineering and Natural Sciences (ICENS) 2016, 24 - 28 May 2016
- XXIII. **EFFECT OF SOME WELDING PARAMETERS ON TENSILE PEEL STRENGTH OF AUTOMOTIVE SHEETS IN ELECTRICAL RESISTANCE SPOT WELDING**  
SAVAŞ Ö., VAROL F., ASLANLAR S.  
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 May 2016
- XXIV. **INVESTIGATION OF MECHANICAL PROPERTIES OF BUTT JOINT FORM IN MIG BRAZED JOINTS OF DP600 THIN ZINC COATED STEEL PLATES USING DIFFERENT BRAZING GAP**  
SAVAŞ Ö., VAROL F., ASLANLAR S.  
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 May 2016
- XXV. **DETERMINATION OF OPTIMAL WELDING METHOD USED IN ALUMINUM FRAME MANUFACTURING PROCESS WITH FUZZY ANALYTICAL NETWORK PROCESS APPROACH**  
SAVAŞ Ö., ASLANLAR Y. S., TEKE Ç., VAROL F., GÜNEY B., ASLANLAR S.  
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 May 2016
- XXVI. **Corrosion Behaviors of AlB2 Al Metal Matrix Composites**  
SAVAŞ Ö., AYDIN Z., ÜNLÜGENÇOĞLU K., KAYIKCI R.  
5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 19 April 2015
- XXVII. **An Experimental Investigation On Influence Of Different Lubricants On Tribological Behaviour Of Cylinder Liner And Piston Ring Pair**  
AYDIN Z., SAVAŞ Ö., PARLAK A.  
5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 18 April 2015
- XXVIII. **EXPERIMENTAL OPTIMIZATION OF PROCESS PARAMETERS ON RESISTANCE SPOT WELDING SHEAR STRENGTH BASED ON TAGUCHI METHOD ALL IN ONE CONFERENCES**  
SAVAŞ Ö., VAROL F., ASLANLAR S.  
ALL IN ONE CONFERENCES, 24 - 28 March 2015, pp.100-106
- XXIX. **AlB2 Al Cu Kompozit Malzemelerin Abrasif Aşınma Davranışlarının İncelenmesi**  
FIÇICI F., KÖKSAL S., SAVAŞ Ö., KAYIKCI R.  
7th International Advanced Technologies Symposium, 30 October - 01 November 2013, pp.220-223
- XXX. **AlB2 Al Kompozitlerin Üretim ve Özelliklerinin İncelenmesi**  
SAVAŞ Ö., KAYIKCI R.  
7th International Advanced Technologies Symposium, 30 October - 01 November 2013, pp.216-219
- XXXI. **Experimental Optimization of Machinability Parameters of Polyphthalamide PPA Matrix Composite Material with 30 Glass Fiber Reinforced**  
FIÇICI F., SAVAŞ Ö., AYPARÇASI Z.  
7th International Advanced Technologies Symposium (IATS'13), 29 October - 01 November 2013, pp.1
- XXXII. **Savurma Döküm Tekniğiyle Fonksiyonel Derecelendirilmiş SİC Takviyeli Alüminyum Matris Kompozit Üretimi Ve Özelliklerinin İncelenmesi**  
SAVAŞ Ö., KAYIKCI R., ÇOLAK M., ÇELİK Y.  
14th International Materials Symposium (IMSP 2012), 10 - 12 October 2012, pp.1136-1144
- XXXIII. **Alüminyum Anayapılı AlB2 Borür Takviyeli Kompozitlerin Döküm Yöntemi İle Üretiminin İncelenmesi**  
KAYIKCI R., SAVAŞ Ö., DENİZ G.  
14th International Materials Symposium (IMSP 2012), 10 - 12 October 2012, pp.127-137
- XXXIV. **SİC Takviyeli Polimer Matrisli Kompozitlerin Üretimi Ve Özelliklerinin İncelenmesi**  
SAVAŞ Ö., ÇOLAK M., KAYIKCI R., FIÇICI F.  
14th International Materials Symposium (IMSP2012), 10 - 12 October 2012, pp.1188-1196
- XXXV. **Bor Oksit İlavesi ile AlB2 Al Kompozitlerin Üretiminin İncelenmesi**  
KAYIKCI R., SAVAŞ Ö., KURTULUŞ O.

- 5th International Advanced Technologies Symposium (İATS-09), 13 - 15 May 2009, pp.1011-1015
- XXXVI. **Boroksit İlavesi İle Sentezlenen Borür Takviyeli Alüminyum Matrisli Döküm Kompozit Üretiminin İncelenmesi**  
KAYIKCI R., SAVAŞ Ö., KURTULUŞ O.  
2nd National Boron Workshop, Turkey, 17 - 18 April 2008, pp.405-412
- XXXVII. **AIB2 Takviyeli Alüminyum Metal Matrisli Kompozitlerin Üretilirliği Ve Döküm Sıcaklığının Takviye Fazı Üzerine Etkisinin İncelenmesi**  
KAYIKCI R., SAVAŞ Ö., KURTULUŞ O.  
12th International Materials Symposium (IMSP-2008), 15 - 17 October 2008
- XXXVIII. **Investigation of factors Affecting the Extend of Microporosity in an Aluminium Casting**  
SAVAŞ Ö., KAYIKCI R.  
International Conference on Continuous Castings of Non-Ferrous Metals, (2005), 14 - 16 November 2005, pp.36-41
- XXXIX. **Alüminyum Alaşımlarının Dökümünde Mikro Gözenekliliği Etkileyen Faktörlerin İncelenmesi**  
SAVAŞ Ö., KAYIKCI R.  
12. Uluslararası Metalurji-Malzeme Kongresi, (2005), 28 September - 02 October 2005
- XL. **Investigation of Abrasive Wear Behavior of AIB2/Al-Cu Composite Materials**  
Fıçıcı f., Köksal S., SAVAŞ Ö., Kayıkcı R.

## Supported Projects

- SAVAŞ Ö., Dalgıçoğlu B., Project Supported by Higher Education Institutions, Gemi Saçlarının Farklı Deniz Şartlarında Korozyon Davranışlarının İncelenmesi, 2024 - Continues
- SAVAŞ Ö., BAYAR H., KARABÜBER A. K., SERT O., KORKMAZ F. C., COŞKUN F., Project Supported by Higher Education Institutions, ÇOKLU PEDALLI DALGA ÜRETECİNİN KAPALI KONTROL SİSTEMİ İLE KONTROL EDİLMESİ VE OPTİMİZASYONU, 2023 - Continues
- SAVAŞ Ö., YILDIZ E. T. Y., Project Supported by Higher Education Institutions, Fonksiyonel Derecelendirilmiş Alüminyum Anayapılı Titanyum Tri-Alüminit Takviyeli Kompozitlerin Aşınma Davranışının Taguchi Yaklaşımı ile İncelenmesi, 2021 - 2024
- SAVAŞ Ö., SİPAHİ H., Project Supported by Higher Education Institutions, Savurma döküm yöntemi ile üretilmiş AIB2/Al kompozit malzemelerin aşınma davranışlarının incelenmesi, 2022 - 2022
- SAVAŞ Ö., ERDEM B., KARATAŞ C., ÇELİK B. C., Project Supported by Higher Education Institutions, Fonksiyonel derecelendirilmiş AIB2/Al kompozit malzemelerin üretilirliğinin araştırılması, 2021 - 2022
- Şirin S., Savaş Ö., Kocaman E., Project Supported by Higher Education Institutions, Etial 160 Alaşımında Master Alaşımı İlavesi ve Katılma Zamanının Gözenek Oluşumuna Etkisinin Modellenmesi, 2021 - 2022
- SAVAŞ Ö., Başer M. S., GÜLER M. G., KESKİN ÖNER İ., Project Supported by Higher Education Institutions, Fonksiyonel derecelendirilmiş TiB2/Al kompozitlerin üretimi ve kam diski olarak kullanılabilirliğinin araştırılması, 2020 - 2022
- Savaş Ö., Cırtlık S., Kılınç H., Project Supported by Other Private Institutions, Sıfır Toleranslı Blok İmalatının Geliştirilmesi, 2017 - 2022
- Savaş Ö., Saran B., TUBITAK Project, İN-SİTU METODU ve SAVURMA DÖKÜM METODU UYGULANARAK FONKSİYONEL DERECELENDİRİLMİŞ TiB2 PARTİKÜL TAKVİYELİ Al MATRİSLİ KOMPOZİT (TiB2/Al) ÜRETİMİ, 2018 - 2019
- Savaş Ö., Ünlügençoğlu K., Aydın Z., Kökkülünk G., Project Supported by Higher Education Institutions, Deniz taşıtlarında kullanılan farklı yağların segman silindir çifti yüzeylerindeki tribolojik özelliklerine etki eden parametrelerin incelenmesi, 2013 - 2016
- Demir A., TUBITAK Project, İn-situ reaksiyon ile Al/AIB2 Metal Matrisli Kompozitlerin Üretimini ve Mekanik Özelliklerinin Araştırılması, 1001, Proje No: 107M023, 2007 - 2010
- Savaş Ö., Uzun H., EU Supported Other Project, Avrupa Birliği tarafından desteklenen Aktif İşgücü programı kapsamında sağlanan hibe yardımı projesi, GENÇLERE YÖNELİK KAYNAKÇILIK MESLEK EDİNDİRME KURSLARI, 2008 - 2009

## Metrics

Publication: 84

Citation (WoS): 283

Citation (Scopus): 400



H-Index (WoS): 9

H-Index (Scopus): 10

## **Non Academic Experience**

TIRSAN

Department of welding Technology, HWK

ÜÇLER MAKİNE