

Prof. ONUR ÇOBAN

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International Researcher IDs

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 2007 - 2011

Postgraduate, Kocaeli University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2005 - 2007

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, POLİMER MATRİSLİ KOMPOZİTLERDE PARTİKÜL TAKVİYESİNİN MALZEME İÇ YAPISINA, MEKANİK VE TRİBOLOJİK ÖZELLİKLERE ETKİSİ, Kocaeli Üniversitesi, Makina Mühendisliği, Konstrüksiyon Abd, 2011

Postgraduate, POLİMER KOMPOZİTLERDE ÇEVRESEL ETKİLERİN DARBE YÜKLEMELERİ ALTINDAKİ DAVRANIŞLARINA VE KIRILMA MORFOLOJİSİNE ETKİLERİ, Kocaeli Üniversitesi, Makina Mühendisliği, Konstrüksiyon Abd, 2007

Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Elements, Non-traditional manufacturing methods, Material, Aeronautical and Space Engineering, Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Composites, Adhesion and Adhesives, Polymeric Materials, Material Characterization, Thermal Properties, Surface Finishing Processes, Aeronautical Engineering, Material Technologies, Bonding techniques, Non Metallic Materials Materials, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Havacılık ve Uzak Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2018 - Continues

Assistant Professor, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2012 - 2018

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2005 - 2011

Academic and Administrative Experience

Vice Dean, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2021 - Continues

Courses

MALZEME BİLGİSİ, Undergraduate, 2017 - 2018
UÇAK MALZEMELERİ HASAR ANALİZİ, Postgraduate, 2017 - 2018
BİLGİSAYAR DESTEKLİ TEKNİK RESİM, Undergraduate, 2017 - 2018, 2016 - 2017
HAVA ARACI MALZEME VE DONANIMI 1, Undergraduate, 2016 - 2017
POLİMERİK KOMPOZİTLERDE KONSTRÜKSİYON, Postgraduate, 2016 - 2017
HAVA ARACI MALZEME DONANIMI 2, Undergraduate, 2016 - 2017
MEKANİK, Undergraduate, 2016 - 2017

Advising Theses

Çoban O., Poliüretan esaslı ürünlerde geliştirilmiş perlit katkısı ile mekanik özelliklerin ve ses yalıtkanlığının incelenmesi, Postgraduate, C.YİĞİT(Student), 2023
Çoban O., Zorlu termal şartlarda çalışabilecek pvc esaslı kablo formülasyonunun "k" değerine göre geliştirilmesi, Postgraduate, Y.DEMİRTEMEL(Student), 2022
Çoban O., OPTIMIZATION OF LASER SURFACE TREATMENT PROCESS TO PROVIDE MECHANICAL LOCKING IN ALUMINUM ALLOY ADHESIVE BONDING WITH CARBON COMPOSITE, Postgraduate, S.AYBALIK(Student), 2021
Çoban O., EFFECT OF BETA NUCLEATING AGENT ON RECYCLED POLYPROPYLENE, Postgraduate, Ö.ERDOĞAN(Student), 2020
Çoban O., DESIGN, ANALYSIS, AND PRODUCTION OF THE LIGHTER AND MORE DURABLE WORKING AT HEIGHT SEATS; WHICH MADE BY COMPOSITE MATERIALS, Postgraduate, B.AYDIN(Student), 2020
Çoban O., IMPACT BEHAVIOR INVESTIGATION OF REPAIRED HONEYCOMB SANDWICH POLIMER COMPOSITE STRUCTURES, Postgraduate, O.BALCI(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of poly(vinyl chloride)-based cable formulation with higher K value for tensile properties**
ÇOBAN O., Etyemez Y., Erdoğan M., Bostan Ö., Güzel Ş.
Iranian Polymer Journal (English Edition), vol.32, no.11, pp.1433-1442, 2023 (SCI-Expanded)
- II. **The effect of hygrothermal aging on the adhesion performance of nanomaterial reinforced aluminium adhesive joints**
Ceylan R., Ozun E., ÇOBAN O., BORA M. Ö., KUTLUK T.
International Journal of Adhesion and Adhesives, vol.121, 2023 (SCI-Expanded)
- III. **Effects of Double and Triple Hybrid Nanomaterial Reinforcements on Mechanical Performance of Aluminium Adhesive Joints**
Ozun E., Ceylan R., BORA M. Ö., ÇOBAN O., KUTLUK T.
Journal of Materials Engineering and Performance, 2023 (SCI-Expanded)
- IV. **Combined effect of surface pretreatment and nanomaterial reinforcement on the adhesion strength of aluminium joints**
Ozun E., Ceylan R., Bora M. Ö., ÇOBAN O., KUTLUK T.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.119, 2022 (SCI-Expanded)
- V. **Volcanic particle materials in polymer composites: a review**

ÇOBAN O., Yilmaz T.

Journal of Materials Science, vol.57, no.36, pp.16989-17020, 2022 (SCI-Expanded)

- VI. **Laser-induced groove optimization for Al/CFRP adhesive joint strength**
Akman E., Bora M. Ö., Çoban O., Oztoprak B.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.107, 2021 (SCI-Expanded)
- VII. **Comparison of novel surface treatments of Al 2024 alloy for al/cfrp adhesive bonded joints**
Özgür Bora M. Ö., ÇOBAN O., AKMAN E., Oztoprak B., KUTLUK T.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.103, 2020 (SCI-Expanded)
- VIII. **Investigation of the differences between photochemical and photothermal laser ablation on the shear strength of CFRP/CFRP adhesive joints**
AKMAN E., Erdogan Y., BORA M. Ö., ÇOBAN O., Oztoprak B., Demir A.
INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, vol.98, 2020 (SCI-Expanded)
- IX. **Laser surface treatment of CFRP composites for a better adhesive bonding owing to the mechanical interlocking mechanism**
Çoban O., Akman E., Bora M. Ö., Oztoprak B., Demir A.
POLYMER COMPOSITES, vol.40, no.9, pp.3611-3622, 2019 (SCI-Expanded)
- X. **The use of volcanic particles in HDPE offers alternative filling material against CaCO₃. Part II—scratch properties**
Bora M. Ö., Çoban O., Kutluk T., Akagündüz E.
Polymer Composites, vol.40, pp.2564-2572, 2019 (SCI-Expanded)
- XI. **The Effect of CO₂ Laser-Induced Microhole Formations on Adhesive Bonding Strength of CFRP/CFRP Joints**
Bora M. Ö., Akman E., Çoban O., Oztoprak B., Demir A.
POLYMER COMPOSITES, vol.40, pp.2891-2900, 2019 (SCI-Expanded)
- XII. **Investigation of accumulated laser fluence and bondline thickness effects on adhesive joint performance of CFRP composites**
Akman E., Erdoğan Y., Bora M. Ö., Çoban O., Oztoprak B., Demir A.
International Journal of Adhesion and Adhesives, vol.89, pp.109-116, 2019 (SCI-Expanded)
- XIII. **Comparative Study of Volcanic Particle and Calcium Carbonate Filler Materials in HDPE for Thermal and Mechanical Properties**
ÇOBAN O., BORA M. Ö., KUTLUK T.
POLYMER COMPOSITES, vol.39, 2018 (SCI-Expanded)
- XIV. **Mechanical and Thermal Properties of Volcanic Particle Filled PLA/PBAT Composites**
ÇOBAN O., BORA M. Ö., KUTLUK T., ÖZKOÇ G.
POLYMER COMPOSITES, vol.39, 2018 (SCI-Expanded)
- XV. **The Influence of Heat Treatment Process on Mechanical Properties of Surface Treated Volcanic Ash Particles/Polyphenylene Sulfide Composites**
BORA M. Ö., ÇOBAN O., KUTLUK T., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1604-1611, 2018 (SCI-Expanded)
- XVI. **Heat Treatment Effect on Thermal and Thermomechanical Properties of Polyphenylene Sulfide Composites Reinforced With Silane-Treated Volcanic Ash Particles**
ÇOBAN O., BORA M. Ö., KUTLUK T., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1612-1619, 2018 (SCI-Expanded)
- XVII. **Heat Treatment Effect on Solid Particle Erosion Properties of Polyphenylene Sulfide Composites Reinforced With Silane Coupled Volcanic Ash Particles**
ÇOBAN O., BORA M. Ö., FİDAN S., KUTLUK T., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.39, no.5, pp.1638-1646, 2018 (SCI-Expanded)
- XVIII. **Damage characterization of three point bended honeycomb sandwich structures under different temperatures with cone beam computed tomography technique**
AKATAY A., BORA M. Ö., FİDAN S., ÇOBAN O.
POLYMER COMPOSITES, vol.39, no.1, pp.46-54, 2018 (SCI-Expanded)

- XIX. **Experimental investigation of single and repeated impacts for repaired honeycomb sandwich structures**
BALCI O., ÇOBAN O., BORA M. Ö., Akagunduz E., YALÇIN E. B.
MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING, vol.682, pp.23-30, 2017 (SCI-Expanded)
- XX. **The Scratch Behavior of Accelerated Aged Carbon Fiber-Reinforced Epoxy Matrix Composite**
FİDAN S., BORA M. Ö., ÇOBAN O., Akagunduz E.
POLYMER COMPOSITES, vol.37, no.12, pp.3527-3534, 2016 (SCI-Expanded)
- XXI. **Effect of Mixed Size Particles Reinforcing on the Thermal and Dynamic Mechanical Properties of Al₂O₃/PPS Composites**
ÇOBAN O., BORA M. Ö., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.37, no.11, pp.3219-3227, 2016 (SCI-Expanded)
- XXII. **Thermal, viscoelastic and mechanical properties' optimization of polyphenylene sulfide via optimal processing parameters using the Taguchi method**
ÇOBAN O., KIVANÇ T., BORA M. Ö., ÖZCAN B., SINMAZÇELİK T., FİDAN S.
JOURNAL OF APPLIED STATISTICS, vol.43, no.14, pp.2661-2680, 2016 (SCI-Expanded)
- XXIII. **Effect of Silane as Coupling Agent on Dynamic Mechanical Properties of Volcanic Ash Filled PPS Composites**
ÇOBAN O., BORA M. Ö., KUTLUK T., FİDAN S., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.492-494, 2016 (SCI-Expanded)
- XXIV. **Silane Coupling Efficiency on Thermal Properties of Volcanic Ash Filled PPS Composites**
KUTLUK T., ÇOBAN O., BORA M. Ö., FİDAN S., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.498-500, 2016 (SCI-Expanded)
- XXV. **Surface Modification Effect of Volcanic Ash Particles Using Silane Coupling Agent on Mechanical Properties of Polyphenylene Sulfide Composites**
BORA M. Ö., ÇOBAN O., FİDAN S., KUTLUK T., SINMAZÇELİK T.
ACTA PHYSICA POLONICA A, vol.129, no.4, pp.495-497, 2016 (SCI-Expanded)
- XXVI. **The influence of different circular hole perforations on interlaminar shear strength of a novel fiber metal laminates**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., CÜRGÜL İ.
POLYMER COMPOSITES, vol.37, no.3, pp.963-973, 2016 (SCI-Expanded)
- XXVII. **Damage Characterization of Repeatedly Impacted Glass Fiber Reinforced Polyester-Armor Steel Composites With Cone Beam Computed Tomography Technique**
FİDAN S., BORA M. Ö., ÇOBAN O., TUNA V.
POLYMER COMPOSITES, vol.37, no.2, pp.583-593, 2016 (SCI-Expanded)
- XXVIII. **Scratch behavior of glass fiber reinforced polyester matrix composite after solid particle erosion**
BORA M. Ö., FİDAN S., ÇOBAN O., YÜCEL Z.
POLYMER COMPOSITES, vol.36, no.11, pp.1958-1966, 2015 (SCI-Expanded)
- XXIX. **The influence of low velocity repeated impacts on residual compressive properties of honeycomb sandwich structures**
Akatay A., BORA M. Ö., ÇOBAN O., FİDAN S., TUNA V.
COMPOSITE STRUCTURES, vol.125, pp.425-433, 2015 (SCI-Expanded)
- XXX. **Solid Particle Erosion Behavior of Volcanic Ash/PVC Composites**
ÇOBAN O.
ACTA PHYSICA POLONICA A, vol.127, no.4, pp.998-1001, 2015 (SCI-Expanded)
- XXXI. **Heat treatment effect on erosion behavior of poly(methylmethacrylate) for optical transmittance efficiency**
Coban O.
APPLIED SURFACE SCIENCE, vol.317, pp.405-413, 2014 (SCI-Expanded)
- XXXII. **Possible Use of Volcanic Ash as a Filler in Polyphenylene Sulfide Composites: Thermal, Mechanical, and Erosive Wear Properties**

- AVCU E., ÇOBAN O., BORA M. Ö., FİDAN S., SINMAZÇELİK T., ERSOY O.
POLYMER COMPOSITES, vol.35, no.9, pp.1826-1833, 2014 (SCI-Expanded)
- XXXIII. **The Effect of TiO₂ Filler Content on the Mechanical, Thermal, and Tribological Properties of TiO₂/PPS Composites**
BORA M. Ö., ÇOBAN O., AVCU E., FİDAN S., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.34, no.10, pp.1591-1599, 2013 (SCI-Expanded)
- XXXIV. **Solid Particle Erosive Wear Behavior of Glass Mat Reinforced PPS Composites: Influence of Erodent Particle Size, Pressure, Particle Impingement Angle, and Velocity**
AVCU E., FİDAN S., BORA M. Ö., ÇOBAN O., TAŞKIRAN I., SINMAZÇELİK T.
ADVANCES IN POLYMER TECHNOLOGY, vol.32, 2013 (SCI-Expanded)
- XXXV. **The Influence of Annealing on the Crystallization and Tribological Behavior of MWNT/PEEK Nanocomposites**
ÇOBAN O., BORA M. Ö., AVCU E., SINMAZÇELİK T.
POLYMER COMPOSITES, vol.32, no.11, pp.1766-1771, 2011 (SCI-Expanded)
- XXXVI. **A review: Fibre metal laminates, background, bonding types and applied test methods**
SINMAZÇELİK T., AVCU E., BORA M. Ö., ÇOBAN O.
MATERIALS & DESIGN, vol.32, no.7, pp.3671-3685, 2011 (SCI-Expanded)
- XXXVII. **Instrumented indentation and scratch testing evaluation of tribological properties of tin-based bearing materials**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., GÜNAY V., ZEREN M.
MATERIALS & DESIGN, vol.31, no.6, pp.2707-2715, 2010 (SCI-Expanded)
- XXXVIII. **Effect of Fiber Orientation on Scratch Resistance in Unidirectional Carbon-Fiber-Reinforced Polymer Matrix Composites**
BORA M. Ö., ÇOBAN O., SINMAZÇELİK T., GÜNAY V.
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.10, pp.1476-1490, 2010 (SCI-Expanded)
- XXXIX. **Effect of Fiber Orientation on Viscoelastic Properties of Polymer Matrix Composites Subjected to Thermal Cycles**
ÇOBAN O., BORA M. Ö., SINMAZÇELİK T., GÜNAY V.
POLYMER COMPOSITES, vol.31, no.3, pp.411-416, 2010 (SCI-Expanded)
- XL. **Fracture morphology and deformation characteristics of repeatedly impacted thermoplastic matrix composites**
Çoban O., Bora M. Ö., Sinmazçelik T., Cürgül I., Günay V.
MATERIALS & DESIGN, vol.30, no.3, pp.628-634, 2009 (SCI-Expanded)
- XLI. **On the life time prediction of repeatedly impacted thermoplastic matrix composites**
Bora M. Ö., Çoban O., Sinmazçelik T., Cuerguel I., Guenay V.
MATERIALS & DESIGN, vol.30, no.1, pp.145-153, 2009 (SCI-Expanded)
- XLII. **The effects of thermal cycles on the impact fatigue properties of thermoplastic matrix composites**
SINMAZÇELİK T., ÇOBAN O., Bora M. Ö., Guenay V., Cuerguel I.
APPLIED COMPOSITE MATERIALS, vol.15, no.2, pp.99-113, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Investigation of Damage Mechanisms of Thermally Aged 4/3 Glare with Cone Beam Computed Tomography**
FİDAN H., BORA M. Ö., ÇOBAN O., AKAGÜNDÜZ E.
Polymer Science: Peer Review Journal, vol.2, no.1, pp.1-7, 2021 (Peer-Reviewed Journal)
- II. **Flexural and erosive properties of aviation composites**
BORA M. Ö., ÇOBAN O., AVCU E., FİDAN S., SINMAZÇELİK T.
Society of Plastics Engineers (SPE), pp.1-4, 2013 (Peer-Reviewed Journal)
- III. **Düşük Hızlı Darbe Yüklemleri Sonucu Kompozit Malzemelerde Ortaya Çıkan Hasar Mekanizmaları**

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of mechanical and chemical surface pretreatments on the shear strength of MWCNT-COOH reinforced aluminium adhesive joints**
Ozun E., Ceylan R., Bora M. Ö., Çoban O., Kutluk T.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 December 2021, pp.606-613
- II. **Investigation of adhesive shear strength for various nanomaterial reinforced AA7075-T6 adhesive joints**
Ceylan R., Ozun E., BORA M. Ö., ÇOBAN O., KUTLUK T.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 December 2021, pp.598-605
- III. **INVESTIGATION OF THE EFFECT OF VARYING LASER SCRIBE SIZES ON THE ADHESION PERFORMANCE OF THE AA2024-T3/CFRP JOINTS DEPENDING ON THE NUMBER OF LASER SCAN REPEATS**
aybalık s., ÇOBAN O., BORA M. Ö., AKMAN E., GENÇ ÖZTOPRAK B.
International Conference on Technology, Engineering and Science (IConTES), 29 October - 01 November 2020
- IV. **BETA ÇEKİRDEKLENDİRİCİ AJANIN GERİ DÖNÜŞTÜRÜLMÜŞ POLİPROPİLEN ÜZERİNE ETKİSİ**
ERDOĞAN Ö., ÇOBAN O.
ÇEVRE MÜHENDİSLİĞİ KAYNAK GERİ KAZANIMI ULUSLARARASI KONGRESİ, 12 - 13 December 2019
- V. **The Effect of Cataphoresis Coating on Fatigue Behaviour of Control Arms under Corrosion Environment**
UÇAN C., BORA M. Ö., ÇOBAN O.
IConTES 2019: International Conference on Technology, Engineering and Science, Antalya, Turkey, 26 - 29 October 2019, vol.7, pp.212-219
- VI. **Surface Preparation of the Al 2024 Alloy for Adhesive Bonding of Al/ CFRP Using Fiber Laser Treatment**
AKMAN E., BORA M. Ö., ÇOBAN O., GENÇ ÖZTOPRAK B.
International Conference on Engineering Technologies (ICENTE'xx19), Konya, Turkey, 25 - 27 October 2019, pp.285-288
- VII. **Shear Strength Performance Evaluation of Al/CFRP Adhesive Bonded Joints with Various Silane Treatments at Aluminum Surfaces**
BORA M. Ö., ÇOBAN O., KUTLUK T., AKMAN E., GENÇ ÖZTOPRAK B.
International Conference on Engineering Technologies (ICENTE'xx19), Konya, Turkey, 25 - 27 October 2019, pp.270-273
- VIII. **FPL Etching Parameter Optimization for Adhesion Performance of Al/CFRP Adhesive Joints**
ÇOBAN O., BORA M. Ö., GENÇ ÖZTOPRAK B., AKMAN E., KUTLUK T.
International Conference on Engineering Technologies (ICENTE'xx19), Konya, Turkey, 25 - 27 October 2019, pp.280-284
- IX. **Evaluation of Different Surface Treatment Methods Applied to Improve the Chemical Adhesion Mechanism of Al/CFRP Adhesive Bonding**
GENÇ ÖZTOPRAK B., ÇOBAN O., AKMAN E., BORA M. Ö., KUTLUK T.
International Conference on Engineering Technologies (ICENTE'xx19), Konya, Turkey, 25 - 27 October 2019, pp.274-279
- X. **2024-T351 Alüminyum Alaşımı ile Üretilen Yüksekte Çalışma Oturağının E-Cam Kompozitten Tasarımı ve Üretimi**
AYDIN B., ÇOBAN O.

6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, 13 - 15 June 2019

- XI. **EFFECTS OF THE LASER WAVELENGTH ON THE PRE-TREATMENT OF CARBON FIBER-REINFORCED PLASTICS FOR ADHESIVE JOINT**
ÇOBAN O., ERDOĞAN Y., AKMAN E., BORA M. Ö., GENÇ ÖZTOPRAK B., DEMİR A.
II INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, 7 - 11 March 2018, pp.11
- XII. **NOVEL SURFACE STRUCTURING OF CFRPS FOR ADHESIVE BONDING: EFFECT OF LASER INDUCED SCRIBE PATTERN ANGLE ON ADHESION STRENGTH**
ÇOBAN O., AKMAN E., BORA M. Ö., GENÇ ÖZTOPRAK B., DEMİR A.
II INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, 7 - 11 March 2018, pp.12
- XIII. **SPECTROSCOPIC SURFACE INVESTIGATION OF LASER TREATED CFRPS TO ACHIEVE OPTIMUM ADHESIVE BONDING**
BORA M. Ö., GENÇ ÖZTOPRAK B., AKMAN E., ÇOBAN O., DEMİR A.
THEINTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY ANDINNOVATION, 7 - 11 March 2018, pp.9
- XIV. **EFFECT OF MECHANICAL INTERLOCKING WITH VARIOUS MICRO HOLE FORMATIONS ON THE ADHESIVE BONDING STRENGTH OF CFRP/CFRP JOINTS**
BORA M. Ö., ERDOĞAN Y., AKMAN E., ÇOBAN O., GENÇ ÖZTOPRAK B., DEMİR A.
II INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGY AND INNOVATION, 7 - 11 March 2018, pp.10
- XV. **The effect of flexural strain rates on the flexural behavior of 4/3 GLARE fiber metal laminated composites**
FİDAN h., BORA M. Ö., ÇOBAN O., AKAGÜNDÜZ e.
5th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS, 2 - 04 November 2017, pp.194-200
- XVI. **Laser Structuring of CFRP Surface for Adhesive Bonding Using Michelson Interferometer and Laser Beam**
ERDOĞAN Y., AKMAN E., ÇOBAN O., BORA M. Ö., GENÇ ÖZTOPRAK B., DEMİR A.
Turkish Physical Society 33rd International Physics Congress, 6 - 10 September 2017, pp.512
- XVII. **Investigation of laser induced line pattern surface structuring effect on adhesive bonding of CFRP aircraft composites**
ÇOBAN O., AKMAN E., BORA M. Ö., GENÇ ÖZTOPRAK B., DEMİR A.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), 3 - 07 May 2017, pp.1084-1089
- XVIII. **Effect of Bondline Thickness on Adhesive Bonding of Laser Treated Carbon Fiber Reinforced Composites**
AKMAN E., ERDOĞAN Y., BORA M. Ö., ÇOBAN O., GENÇ ÖZTOPRAK B., DEMİR A.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), 3 - 07 May 2017, pp.1080-1083
- XIX. **Study Of Laser Induced Micro-Hole Configuration In Order To Exploit Mechanical Interlocking Effect On Adhesive Bonding**
BORA M. Ö., AKMAN E., ÇOBAN O., GENÇ ÖZTOPRAK B., DEMİR A.
III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), 3 - 07 May 2017, pp.864-869
- XX. **Analysis of Laser Treated CFRP Surfaces by Laser-InducedBreakdown Spectroscopy**
GENÇ ÖZTOPRAK B., AKMAN E., ÇOBAN O., BORA M. Ö., DEMİR A.
CSI XL - IX EMSLIBS, 11 - 16 June 2017, pp.257
- XXI. **Scratch Deformation Characteristics of Calcium Carbonate Filled High Density Polyethylene Composites**
BORA M. Ö., ÇOBAN O., KUTLUK T., AKAGÜNDÜZ E.
ICAIE International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017, pp.852-855
- XXII. **A study on thermal behavior of volcanic particle filled high-density polyethylene**
ÇOBAN O., BORA M. Ö., KUTLUK T.

- XXIII. **A STUDY ON THERMAL PROPERTIES OF VOLCANIC PARTICLE FILLED POLY LACTIC ACID POLY BUTYLENE ADIPATE COTEREPHTHALATE COMPOSITE**
KUTLUK T., ÇOBAN O., BORA M. Ö., ÖZKOÇ G.
16th International Materials Symposium (IMSP'2016), 12 - 14 October 2016, pp.109-116
- XXIV. **IMPACT BEHAVIOR OF SINGLE IMPACTED HONEYCOMBSANDWICH STRUCTURES**
AKTAŞ M., BORA M. Ö., ÇOBAN O., AKAGÜNDÜZ E., YALÇIN E. B.
16th International Materials Symposium (IMSP'2016), 12 - 14 October 2016, pp.874-881
- XXV. **A NUMERICAL INVESTIGATION ON THERMAL CONDUCTIVITYOF SILICONE NITRATE SILICONE RUBBER COMPOSITE**
BİLGİN F., ARICI M., BORA M. Ö., ÇOBAN O.
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- XXVI. **THE INFLUENCE OF REPEATED LOW VELOCITY IMPACTS ONHONEYCOMB SANDWICH STRUCTURES**
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Scientific Consultations

LİNDE OPSAN OTOMOTİV PARÇA SANAYİ VE TİCARET A.Ş., Scientific Consultancy, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, Turkey, 2023 - Continues
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Non Academic Experience

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KOCAELİ ÜNİVERSİTESİ