



Prof. FATİH KARPAT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5259-2018

ScopusID: 24366799400

Yoksis Researcher ID: 156696



Education Information

2001 - 2005	Doctorate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey
1998 - 2001	Postgraduate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Y) (Tezli), Turkey
1994 - 1998	Undergraduate, Bursa Uludağ University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey

Certificates, Courses and Trainings

2020	Eğitimde İnovasyon, Measurement and Evaluation, Bursa Uludağ Üniversitesi
2013	MÜDEK Akreditasyon Süreç Eğitimi, Measurement and Evaluation, MÜDEK

Dissertations

2005	Asimetrik Evolvent Sahip Düz Dişli Çarkların Analizi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, Doctorate
2001	Helisel Dişli Çarkların Boyutlandırılmasında Bilgisayar Desteği, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, Postgraduate

Academic Titles / Tasks

2020 - Continues	Professor, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2015 - 2020	Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2011 - 2015	Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2008 - 2011	Lecturer PhD, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
1998 - 2008	Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği

Academic and Administrative Experience

2021 - Continues	Bölüm Kalite Komisyonu Başkanı, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2021 - Continues	Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2021 - Continues	Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2020 - Continues	Rektörlük Stratejik Plan Komisyonu Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2019 - Continues	Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2013 - Continues	Mevlana Exchange Program Institutional Coordinator, Bursa Uludağ University, Rektörlük
2011 - Continues	Anabilim Dalı Akademik Kurul Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2019 - 2021	Meslek Yüksekokulu Yönetim Kurulu Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2019 - 2021	Director of Vocational School, Bursa Uludağ University
2018 - 2021	Member of the Senate, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2011 - 2021	Deputy Head of Department, Bursa Uludağ University, Makine Mühendisliği Bölümü
2010 - 2021	Bölüm Kalite Komisyonu Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği
2018 - 2019	Assistant Manager of Research and Application Center, Bursa Uludağ University, Rektörlük
2014 - 2014	Fakülte Akademik Kurul Üyesi, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği

Courses

2021 - 2022	KARİYER PLANLAMA, Undergraduate
2021 - 2022	KARİYER PLANLAMA, Undergraduate
2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020	MAKİNE ELEMANLARI 2, Undergraduate
2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021	MAKİNE ELEMANLARI 1, Undergraduate
2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020	MAKİNE ELEMANLARI 2, Undergraduate
2020 - 2021	BİYOMÜHENDİSLİĞİN TEMELLERİ VE UYGULAMALARI, Doctorate

2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020	MAKİNE ELEMANLARI I, Undergraduate
2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018	SÜRDÜRÜLEBİLİR TASARIM, Postgraduate
2013 - 2014, 2014 - 2015, 2016 - 2017, 2017 - 2018, 2018 - 2019	MAKİNE ELEMANLARININ SAYISAL ANALİZİ, Postgraduate
2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017	SÜRDÜRÜLEBİLİR ÜRÜN TASARIMI, Undergraduate
	SUSTAINABLE PRODUCT DESIGN, Undergraduate
2011 - 2012, 2012 - 2013, 2013 - 2014	MİKRO SİSTEMLER, Undergraduate
2012 - 2013, 2013 - 2014	MİKRO SİSTEMLER, Undergraduate

Advising Theses

2021	Karpaz F., Postgraduate, D.NİŞANCI(Student), ŞASE YORULMA PARÇALARINDAN OLAN MOTOR BEŞİĞİNİN ALÜMİNYUM EKSTRÜZYON METODU İLE TASARIMI VE KAYNAK EDİLMESİNİN İNCELENMESİ
2021	Karpaz F., Postgraduate, Y.DOĞAN(Student), EMNİYET KEMERİ YÜKSEKLİK AYAR VE OMUZ AYAR MEKANİZMALARINA SAHİP TİCARİ ARAÇ SÜRÜCÜ KOLTUKLARININ TASARIMI VE SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ
2020	KARPAT F., Postgraduate, H.Türkmen(Student), Experimental investigation of tribological behaviors of polymer materials in under dry sliding which is produced in 3D printer
2020	Karpaz F., Postgraduate, H.Türkmen(Student), Experimental Investigation of Tribological Behaviors of Polymer Materials In Under Dry Sliding Which is Produced In 3D Printer
2020	KARPAT F., Doctorate, O.Doğan(Student), Investigation of the effects of gear tooth faults and damages on the dynamic behavior of non-standard gears
2020	Karpaz F., Doctorate, O.DOĞAN(Student), STANDART OLMAYAN DİŞLİ ÇARKLARDA DİŞ HATA VE HASARLARININ DİŞLİ ÇARKIN DİNAMİK DAVRANIŞINA ETKİLERİNİN İNCELENMESİ
2020	Karpaz F., Postgraduate, A.İşığışok(Student), Investigation of plate heat exchanger production data by machine learning methods, estimation and classification of lifetime test data
2019	Karpaz F., Postgraduate, M.YAHŞİ(Student), Bir yuvarlanmaya karşı koruyucu yapının (YKEY) performansının sonlu elemanlar analizi, tasarım optimizasyonu ve fiziksel testler ile korelasyonu
2019	Karpaz F., Postgraduate, H.ALİ(Student), Experimental investigation of gear crack behavior
2019	Karpaz F., Postgraduate, H.ÇETİN(Student), An investigation of the effects of shock absorber valve parameters on damping force used for a heavy commercial vehicle
2018	KARPAT F., Postgraduate, M.Yahşi(Student), Finite element analysis, design optimization and correlation with physical tests of a rollover protective structure (ROPS) performance
2018	KARPAT F., Postgraduate, H.KARAMAN(Student), Structural analysis of dental implants

2018	KARPAT F., Postgraduate, B.TURHAN(Student), Comparison of traditional plastic parts welding methods with laser welding methods in automotive lighting products.
2018	KARPAT F., Postgraduate, A.KUNDİ(Student), Spur gear crack analysis using finite element method
2017	KARPAT F., Postgraduate, S.SEZER(Student), Chain design and modelling of inclined power-free conveyors
2017	KARPAT F., Postgraduate, E.ŞENOCAK(Student), Stress analysis of internal spur gears generated with pinion type cutters
2016	KARPAT F., Postgraduate, M.TÜFEKÇİ(Student), Hinge modular design, optimization and production prototype for light commercial vehicle doors
2015	KARPAT F., Postgraduate, O.DOĞAN(Student), Designing a high torque capacity durable clutch for new generation tractors
2013	KARPAT F., Postgraduate, B.ENĞİN(Student), The analyses of internal gear mechanism
2013	KARPAT F., Postgraduate, E.ÖZKAN(Student), Design and optimization of pressure tube flow channel in industrial dampers

Designed Lessons

2015 - 2016	Karpat F., TEKNOLOJİK İNOVASYON YÖNETİMİ, Doctorate
2014 - 2015	Karpat F., MÜHENDİSLİK TASARIMINDA KARAR ANALİZİ , Doctorate
2013 - 2014	Karpat F., MAKİNE ELEMANLARININ SAYISAL ANALİZİ , Postgraduate
2013 - 2014	Karpat F., SÜRDÜRÜLEBİLİR TASARIM , Postgraduate
2011 - 2012	Karpat F., Sürdürülebilir Ürün Tasarımı , Undergraduate
2011 - 2012	Karpat F., MİKRO SİSTEMLER, Undergraduate
2011 - 2012	Karpat F., MİKRO SİSTEMLER, Undergraduate
2011 - 2012	Karpat F., Sürdürülebilir Ürün Tasarımı, Undergraduate

Taught Courses And Trainings

2020 - 2020	Karpat F., Dişli Çark Genel Eğitimi
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Designed Courses And Trainings

October 2021	Karpat F., Aki K., Karaküçük A., Kılıkçier Ç., Karaköse K., Kalay O. C. , Liselere Yönelik Yapay Zeka Kursu
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Research Infrastructure Information

January 2021	Kaya N., Karpat F., Yıldız A. R. , Etemoğlu A. B. , Bursa Uludağ Üniversitesi Eklemeli İmalat Uygulama ve Araştırma Merkezi
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Published journal articles indexed by SCI, SSCI, and AHCI

- I. Influence of tooth root cracks on the mesh stiffness of asymmetric spur gear pair with different backup ratios
Dogan O., Kalay O. C. , KARPAT F.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL

ENGINEERING SCIENCE, 2022 (Peer-Reviewed Journal)

- II. **Effects of asymmetric tooth profile on single-tooth stiffness of polymer gears**
Yuce C., Dogan O., KARPAT F.
MATERIALS TESTING, vol.64, no.4, pp.513-523, 2022 (Peer-Reviewed Journal)
- III. **A Comparative 3D Finite Element Computational Study of Stress Distribution and Stress Transfer in Small-Diameter Conical Dental Implants**
Kalay O. C. , Karaman H., KARPAT F., Dogan O., YÜCE C., KARPAT E., Dhanasekaran L., Khandaker M.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.28, no.6, pp.2045-2054, 2021 (Peer-Reviewed Journal)
- IV. **Effect of the cooling process on the mechanical properties and microstructural behavior of extruded AZ31 and AM50 Mg alloys**
Kurtulus E., Sapmaz I., Karpat F.
Materialpruefung/Materials Testing, vol.63, no.7, pp.654-661, 2021 (Peer-Reviewed Journal)
- V. **Effects of rim thickness and drive side pressure angle on gear tooth root stress and fatigue crack propagation life**
Dogan O., Yuce C., KARPAT F.
ENGINEERING FAILURE ANALYSIS, vol.122, 2021 (Peer-Reviewed Journal)
- VI. **A comparative experimental study on the impact strength of standard and asymmetric involute spur gears**
Kalay O. C. , Doğan O., YILMAZ T. G. , Yüce C., KARPAT F.
MEASUREMENT, vol.172, 2021 (Peer-Reviewed Journal)
- VII. **Influences of gear design parameters on dynamic tooth loads and time-varying mesh stiffness of involute spur gears**
Doğan O., Karpat F., Kopmaz O., Ekwaro-Osire S.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.45, 2020 (Peer-Reviewed Journal)
- VIII. **Laser-Induced Microgrooves Improve the Mechanical Responses of Cemented Implant Systems**
Khandaker M., Moussa A. A. , Sama D. N. , Safavinia F., Hazra S., Kalay O. C. , KARPAT F., Clary E., Haleem A.
MICROMACHINES, vol.11, no.5, 2020 (Peer-Reviewed Journal)
- IX. **The Effect of Hamatum Curvature Angle on Carpal Tunnel Volumetry: A Mathematical Simulation Model**
Alp N. B. , Kaleli T., Kalay O. C. , KARPAT F., Akdag G., Macunluoglu A. C. , Oral G. S.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2020, 2020 (Peer-Reviewed Journal)
- X. **Understanding the causes behind coracoid graft osteolysis in latarjet procedure (finite element analysis and comparison of three fixation methods)**
Alp N. B. , DOĞAN O., YILMAZ T. G. , Kalay O. C. , Moussa A. A. , KARPAT F., Khandaker M., Akdag G.
ORTHOPAEDICS & TRAUMATOLOGY-SURGERY & RESEARCH, vol.106, no.1, pp.53-59, 2020 (Peer-Reviewed Journal)
- XI. **Experimental measurement and numerical validation of single tooth stiffness for involute spur gears**
KARPAT F., Yuce C., Dugan O.
MEASUREMENT, vol.150, 2020 (Peer-Reviewed Journal)
- XII. **A numerical investigation on the hybrid spur gears: Stress and dynamic analysis**
Yilmaz T. G. , Doğan O., Karpat F.
Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020 (Peer-Reviewed Journal)
- XIII. **A comparative numerical study of forged bi-metal gears: Bending strength and dynamic response**
YILMAZ T. G. , DOĞAN O., KARPAT F.
MECHANISM AND MACHINE THEORY, vol.141, pp.117-135, 2019 (Peer-Reviewed Journal)
- XIV. **Investigations on the microstructure and mechanical properties of laser welded dissimilar galvanized steel-aluminum joints**
Yuce C., KARPAT F., YAVUZ N.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.104, no.5-8, pp.2693-2704, 2019 (Peer-Reviewed Journal)

- XV. **Crack detection for spur gears with asymmetric teeth based on the dynamic transmission error**
DOĞAN O., KARPAT F.
MECHANISM AND MACHINE THEORY, vol.133, pp.417-431, 2019 (Peer-Reviewed Journal)
- XVI. **Design and development of tractor clutch using combined field and bench tests**
KARPAT F., Yuce C., DOĞAN O., Genc M. O. , KAYA N.
TRANSACTIONS OF THE CANADIAN SOCIETY FOR MECHANICAL ENGINEERING, vol.42, no.2, pp.136-146, 2018
(Peer-Reviewed Journal)
- XVII. **Stress analysis of involute spur gears with different parameters by finite element and graphical method**
DOĞAN O., YILMAZ T. G. , KARPAT F.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.33, no.4, pp.1493-1504, 2018 (Peer-Reviewed Journal)
- XVIII. **A Study of Lightweight Door Hinges of Commercial Vehicles Using Aluminum Instead of Steel for Sustainable Transportation**
YILMAZ T. G. , Tufekci M., KARPAT F.
SUSTAINABILITY, vol.9, no.10, 2017 (Peer-Reviewed Journal)
- XIX. **An improved numerical method for the mesh stiffness calculation of spur gears with asymmetric teeth on dynamic load analysis**
KARPAT F., DOĞAN O., Yuce C., Ekwaro-Osire S.
ADVANCES IN MECHANICAL ENGINEERING, vol.9, no.8, 2017 (Peer-Reviewed Journal)
- XX. **The Effect of Process Parameters on the Microstructure and Mechanical Performance of Fiber Laser-Welded AA5182 Aluminium Alloys**
Yuce C., Tutar M., KARPAT F., YAVUZ N., Tekin G.
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.63, no.9, pp.510-518, 2017 (Peer-Reviewed Journal)
- XXI. **The Optimization of Process Parameters and Microstructural Characterization of Fiber Laser Welded Dissimilar HSLA and MART Steel Joints**
Yuce C., Tutar M., KARPAT F., YAVUZ N.
METALS, vol.6, no.10, 2016 (Peer-Reviewed Journal)
- XXII. **A novel design procedure for tractor clutch fingers by using optimization and response surface methods**
DOĞAN O., KARPAT F., Yuce C., KAYA N., YAVUZ N., Sen H.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.30, no.6, pp.2615-2625, 2016 (Peer-Reviewed Journal)
- XXIII. **A Case Study: Designing for Sustainability and Reliability in an Automotive Seat Structure**
Yuce C., KARPAT F., YAVUZ N., Sendeniz G.
SUSTAINABILITY, vol.6, no.7, pp.4608-4631, 2014 (Peer-Reviewed Journal)
- XXIV. **A Virtual Tool for Minimum Cost Design of a Wind Turbine Tower with Ring Stiffeners**
KARPAT F.
ENERGIES, vol.6, no.8, pp.3822-3840, 2013 (Peer-Reviewed Journal)
- XXV. **Dynamic analysis of involute spur gears with asymmetric teeth**
KARPAT F., Ekwaro-Osire S., ÇAVDAR K., Babalik F. C.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.50, no.12, pp.1598-1610, 2008 (Peer-Reviewed Journal)
- XXVI. **Probabilistic analysis of MEMS asymmetric gear tooth**
KARPAT F., Ekwaro-Osire S., Khandaker M. P. H.
JOURNAL OF MECHANICAL DESIGN, vol.130, no.4, 2008 (Peer-Reviewed Journal)
- XXVII. **Experimental studies on galling onset in OCTG connections: A review**
Ekwaro-Osire S., KARPAT F.
JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.130, no.1, 2008 (Peer-Reviewed Journal)

- XXVIII. **Influence of Tip Relief Modification on the Wear of Spur Gears with Asymmetric Teeth**
KARPAT F., Ekwaro-Osire S.
TRIBOLOGY TRANSACTIONS, vol.51, no.5, pp.581-588, 2008 (Peer-Reviewed Journal)
- XXIX. **An alternative mechanism of non-contact anterior cruciate ligament injury during jump-landing: In-vitro simulation**
Hashemi J., Chandrashekar N., Jang T., KARPAT F., Oseto M., Ekwaro-Osire S.
EXPERIMENTAL MECHANICS, vol.47, no.3, pp.347-354, 2007 (Peer-Reviewed Journal)
- XXX. **Computer aided analysis of bending strength of involute spur gears with asymmetric profile**
Cavdar K., Karpal F., Babalik F.
Journal of Mechanical Design, Transactions of the ASME, vol.127, no.3, pp.477-484, 2005 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Review on finite element analysis of dental implants**
Büyük F. N. , Savran E., Karpal F.
Journal of Dental Implant Research, vol.41, no.3, pp.50-63, 2022 (Peer-Reviewed Journal)
- II. **Prognostics and Health Management of Wind Energy Infrastructure Systems**
Yuce C., Gecgel O., Dogan O., Dabetwar S., Yanik Y., Kalay O. C. , Karpal E., Karpal F., Ekwaro-Osire S.
ASCE-ASME J Risk and Uncert in Engrg Sys Part B Mech Engrg, vol.8, 2022 (Peer-Reviewed Journal)
- III. **A Review on Gearbox Types in Battery Electric Vehicle**
Karpal F., Savran E.
Uluslararası Bilim Teknoloji ve Tasarım Dergisi, vol.3, no.1, pp.56-81, 2022 (Peer-Reviewed Journal)
- IV. **Fault Classification of Wind Turbine Gearbox Bearings Based on Convolutional Neural Networks**
KARPAT F., Kalay O. C. , DİRİK A. E. , KARPAT E.
Transdisciplinary Journal of Engineering and Science, vol.13, pp.71-83, 2022 (Peer-Reviewed Journal)
- V. **PMMA ve ABS MALZEMELERİN LAZER İLETİM KAYNAĞI İLE BİRLEŞTİRİLMESİNDE PROSES PARAMETRE ETKİLERİNİN İNCELENMESİ**
KÜÇÜKOĞLU A., YÜCE C., KARPAT F., Okar H., Sözer İ. E. , Kurt N.
Uludağ University Journal of The Faculty of Engineering, vol.26, no.2, pp.481-491, 2021 (Peer-Reviewed Journal)
- VI. **Optimum Design of Brake Pedal for Trucks Using Structural Optimization and Design of Experiment Techniques**
DOĞAN O., KALAY O. C. , KARTAL E., KARPAT F.
International Journal of Automotive Science and Technology, vol.4, no.4, pp.272-280, 2020 (Peer-Reviewed Journal)
- VII. **EFFECTS OF CRACK INITIALIZATION ANGLE ON CRACKPROPAGATION PATH OF THIN RIM GEARS FOR WINDTURBINES**
Doğan O., Kalay O. C. , Karpal F.
Uludağ University Journal of The Faculty of Engineering, vol.20, no.1, pp.217-230, 2020 (Peer-Reviewed Journal)
- VIII. **Understanding the causes behind coracoid graft osteolysis in Latarjet procedure: Finite element analysis and comparison of three fixation methods** *Éléments de compréhension de l'ostéolyse de la coracoïde après l'intervention de Latarjet : étude en éléments finis comparant trois méthodes de fixation*
Alp N. B. , DOĞAN O., YILMAZ T. G. , Kalay O. C. , Moussa A. A. , KARPAT F., Khandaker M., Akdag G.
Revue de Chirurgie Orthopedique et Traumatologique, vol.106, no.1, pp.29, 2020 (Peer-Reviewed Journal)
- IX. **Angulated versus parallel headless cannulated screw fixation for type 1 capitellum fracture: A finite element study**
ALP N. B. , Efendigil T., Demir Ö., BİLSEL İ. K. , KALAY O. C. , KARPAT F., DOĞAN O., AKDAĞ G.
Annals of Medical Research, vol.27, no.10, pp.2550, 2020 (Peer-Reviewed Journal)
- X. **FINITE ELEMENT STRESS AND MODAL ANALYSIS OF BIMETAL SPUR GEARS**
Yılmaz T. G. , Karpal F.

- Uludağ University Journal of The Faculty of Engineering, vol.24, no.3, pp.339-346, 2019 (Peer-Reviewed Journal)
- XI. **The Effect of Tooth Thickness on Root Stress of Internal Spur Gear Mechanism**
Yılmaz T. G. , Karpaz F.
International Research Journal of Engineering and Technology, vol.6, no.11, pp.2079-2083, 2019 (Peer-Reviewed Journal)
- XII. **TEMEL DİŞLİ TASARIM PARAMETRELERİNİN TEK DİŞ VE KAVRAMA RİJİTLİĞİNE ETKİSİNİN SONLU ELEMANLAR METODU İLE İNCELENMESİ**
Doğan O., Karpaz F.
Uludağ University Journal of The Faculty of Engineering, vol.23, no.4, 2018 (Peer-Reviewed Journal)
- XIII. **Effects of using cutter with asymmetric tip radius on root stress of thin and solid rimmed internal gear**
Yılmaz T. G. , Kalay O., Karpaz F.
International Journal of Development Research, vol.8, no.7, pp.21463-21470, 2018 (Peer-Reviewed Journal)
- XIV. **STRESS ANALYSIS OF THIN RIMMED ASYMMETRIC SPUR GEARS**
Yılmaz T. G. , Kalay O., Karpaz F.
INTERNATIONAL JOURNAL OF ADVANCES ON AUTOMOTIVE AND TECHNOLOGY, vol.2, no.3, pp.143-150, 2018 (Peer-Reviewed Journal)
- XV. **IMPROVING BENDING LOAD CAPACITY OF SPUR GEARS WITH INCREASING ROOT RADIUS**
Kalay O. C. , Doğan O., Karpaz F.
INTERNATIONAL SCIENTIFIC JOURNALTRANS MOTAUTO WORLD, vol.3, no.1, pp.7-10, 2018 (Peer-Reviewed Journal)
- XVI. **Structural Analysis of Dental Implants with Various Micro Groove Profiles**
Karaman H., Yüce C., Karpaz F., Dhanasekaran L., Khandaker M.
International Research Journal of Advanced Engineering and Science, vol.3, no.1, pp.101-104, 2018 (Peer-Reviewed Journal)
- XVII. **Shape Optimization of an Overdesigned Chain Link by using Desing of Experiment and Grapical Optimization**
KARPAT F., DOĞAN O., YÜCE C.
International Journal of Mechanical And Production Engineering, vol.5, no.10, pp.106-110, 2017 (Peer-Reviewed Journal)
- XVIII. **AN ALTERNATIVE METHOD TO SPECIFY UNDERCUT POINT OF INVOLUTE SPUR GEAR WITH LOW NUMBER TEETH**
Yılmaz T. G. , Yüce C., Karpaz F.
International Journal of Mechanical and Production Engineering, vol.9, no.5, pp.96-99, 2017 (Peer-Reviewed Journal)
- XIX. **The Optimization of Process Parameters for Laser Welded Galvanized Automobile Steel Sheets Using A Taguchi Method**
Yüce C., Karpaz F., Yavuz N., Tekin G., Çapar N.
International Journal of Mechanical And Production Engineering, vol.5, no.9, pp.83-87, 2017 (Peer-Reviewed Journal)
- XX. **A Review of the Mechanical Joining Techniques for Thermoplastics**
Karpaz F., Küçüköğlü A.
JOJ Material Science, vol.3, no.1, pp.1-2, 2017 (Peer-Reviewed Journal)
- XXI. **Design Verification of Tractor Clutch Cover under High Centrifugal Effect**
Karpaz F., Doğan O., Yüce C., Genç M. O.
International Journal of Automotive Science and Tecnology, vol.1, no.1, pp.29-33, 2017 (Peer-Reviewed Journal)
- XXII. **ELECTROMAGNETIC COMPATIBILITY EMC IN WIND TURBINES**
Karpaz E., Karpaz F.
International Journal of Industrial Electronics and Electrical Engineering,, vol.4, no.6, pp.90-93, 2016 (Peer-Reviewed Journal)
- XXIII. **Design Optimization Of Aluminum Hinge Parts For Lightweight Vehicles Performance Durability And**

Manufacturability

Tüfekçi M., Karpaz F., Yüce C., Dođan O., Yılmaz T. G. , Kaya N.

International Journal of Mechanical and Production Engineering, vol.3, no.12, pp.11-18, 2015 (Peer-Reviewed Journal)

XXIV. **A Review On Advanced Joining Techniques Of Multi Material Part Manufacturing For Automotive Industry**

Yüce C., Karpaz F., Yavuz N.

International Journal of Mechanical and Production Engineering, vol.3, no.5, pp.63-68, 2015 (Peer-Reviewed Journal)

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- LXXXII. **Computer aided analysis of involute spur gears with asymmetric teeth**
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International Conference on Gears, Garching, Germany, 14 - 16 September 2005, vol.1904, pp.145-163
- LXXXIII. **Dişli Çark Mekanizmalarının Bilgisayar Yardımıyla Boyutlandırılması**
Karpas F., Çavdar K.
Makine İmalat Teknolojileri Sempozyumu ve Sergisi, Konya, Turkey, 14 - 15 October 1999, pp.60-67

Supported Projects

2021 - Continues	Standart ve Asimetrik Dişli Çarklarda Diş Dibi Çatlak Hasarı ve Derecesinin Makine Öğrenmesi ile Deneysel Olarak Tespiti, Project Supported by Higher Education Institutions
2020 - 2028	Yeni Nesil Elektrikli Araçlar Odaklı 2244 Doktora Programı, TUBITAK Project
2020 - 2028	Yeni Nesil Elektrikli Araçlar Odaklı 2244 Doktora Programı, TUBITAK Project
2020 - 2028	ERMAKSAN VE BURSA ULUDAĞ ÜNİVERSİTESİ ARASINDAKİ YÜKSEK TEKNOLOJİ ODAKLI SANAYİ DOKTORA PROJESİ, TUBITAK Project
2020 - 2028	ERMAKSAN VE BURSA ULUDAĞ ÜNİVERSİTESİ ARASINDAKİ YÜKSEK TEKNOLOJİ ODAKLI SANAYİ DOKTORA PROJESİ, TUBITAK Project
2020 - 2027	Helikopter Dişli Kutularında Kullanılabilecek Hibrit Dişli Çarkların Prototip İmalatı ve Optimizasyonu, TUBITAK Project
2018 - 2025	Planet dişli mekanizmaları için sayısal ve deneysel yöntemler kullanılarak yeni bir dişli çark aşınma modelinin geliştirilmesi., TUBITAK Project
2020 - 2022	Döküm ve ekstrüzyon ürünlerinin birleştirilmesi ile yüksek performanslı alüminyum taşıyıcı alt travers geliştirilmesi, TUBITAK Project
2019 - 2021	NEGATİF RİJİTLİĞE SAHİP KOLTUK SÜSPANSİYON SİSTEMİNİN TASARIMI VE OPTİMİZASYONU, TUBITAK Project
2019 - 2021	Sementli total diz protezi (TKR) implantının mekanik performansının iyileştirilmesinde lazer kaynaklı mikro yiv etkilerinin deneysel olarak incelenmesi, Other Supported Projects
2017 - 2021	Aks Sistemlerinin Dinamik Simülasyonunun Yapılması ve Simülasyonun Doğrulanması için Test Düzeninin Kurulması, TUBITAK Project

2018 - 2020	Standart Ve Asimetrik Dişlilerin Darbe Dayanımlarının Deneysel Olarak İncelenmesi, TUBITAK Project
2018 - 2020	STANDART VE STANDART OLMAYAN DIŞLİ ÇARKLARDA ÇATLAKLARIN ERKEN BELİRLENMESİ VE İZLENMESİ İÇİN SAYISAL METOT GELİŞTİRİLMESİ, Company
2018 - 2020	Uludağ Üniversitesi Makine Topluluğu HİDROMAKİT İsimli Hidrojen Yakıtlı Aracının Yakıt Pili Tahrik Sistemi, Project Supported by Higher Education Institutions
2016 - 2020	Uludağ Üniversitesi Makine Topluluğu Elektrikli Aracı İçin Kompozit Parça Üretim Atölyesi Kurulumu, Project Supported by Higher Education Institutions
2016 - 2019	MEV-2016-097 "Farklı Tasarım ve Kaplamalara Sahip Diş İmplantlarının Ömürlerinin Tespiti için Teorik ve Deneysel Metotların Geliştirilmesi", Other Supported Projects
2015 - 2018	Evolvent Dişli Çarkların Darbe Yüklerine Dayanımlarının Deneysel Olarak İncelenmesi, Project Supported by Higher Education Institutions
2016 - 2017	Yüksek Mukavemetli Çelikler ile Alüminyum Alaşımlarının Lazer Kaynağı ile Birleştirilmesinde Kaynak Parametrelerinin Bağlantı Üzerine Etkilerinin Deneysel Olarak İncelenmesi, Project Supported by Higher Education Institutions
2014 - 2017	Yüksek Performanslı Asimetrik Düz Dişlilerin Özel Yüzey Tasarım ve Analiz Metodlarının Geliştirilmesi, Project Supported by Defense Industry
2014 - 2017	Kavrama Metalik Disk Elemanının Pedal Konforu ve Yorulma Dayanımı Açısından Evrimsel Algoritma ile Tasarım Optimizasyonu ve Prototip Üretimi, Industrial Thesis Project
2015 - 2016	0635 STZ 2014 Hafif Ticari Araç Kapıları İçin Modüler Menteşe Tasarımı Optimizasyonu ve Prototip İmalatı Projesi, Industrial Thesis Project
2015 - 2016	Hafif Ticari Araç Kapıları İçin Modüler Menteşe Tasarımı Optimizasyonu ve Prototip İmalatı Projesi, Industrial Thesis Project
2014 - 2016	0456 STZ 2013 2 Yeni Nesil Traktörler için Yüksek Tork Aktarımına Sahip Uzun Ömürlü Debriyaj Tasarımı ve Prototip İmalatı, Industrial Thesis Project
2015 - 2015	44kw GÜCE SAHİP FONKSİYONEL BİR ÇİFTLİK ARACININ TASARIMI VE PROTOTİP İMALATI, KOSGEB
2010 - 2012	Büyük ölçekli portaldan hareketli CNC kontrollü freze tezgahının yapısal tasarımı ve prototip imalatı T C Sanayi ve Ticaret Bakanlığı SANTEZ Projesi, Industrial Thesis Project
2010 - 2012	0575.STZ.2010-1-SANTEZ, Industrial Thesis Project
2010 - 2010	Rüzgar Türbini Dişli kutularında Kullanılabilecek Asimetrik Dişe Sahip Dişli Çarkların Deneysel Olarak İncelenmesi, Other Supported Projects

Activities in Scientific Journals

2018 - Continues	ADVANCES IN MECHANICAL ENGINEERING, Committee Member
2021 - 2022	the Transdisciplinary Journal of Engineering & Science (TJES), Special Issue Editor

Memberships / Tasks in Scientific Organizations

2019 - Continues	ASME (American Society of Mechanical Engineers) , Member
2019 - Continues	The European Society of Biomechanics (ESB), Member
1999 - Continues	Makina Mühendisleri Odası, Member

Scientific Refereeing

August 2022	JOURNAL OF COMPUTATIONAL DESIGN AND ENGINEERING, SCI Journal
June 2022	ELECTRONICS, Journal Indexed in SCIE
June 2022	STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, SCI Journal

June 2022	SUSTAINABILITY, SCI Journal
June 2022	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
May 2022	ENTROPY, SCI Journal
May 2022	ELECTRONICS, SCI Journal
May 2022	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
May 2022	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
April 2022	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
April 2022	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, SCI Journal
April 2022	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
April 2022	MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, SCI Journal
April 2022	TUBITAK Project, 1002 - Quick Support Program, Bursa Uludağ University, Turkey
March 2022	MECHANISM AND MACHINE THEORY, SCI Journal
February 2022	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
February 2022	AGRICULTURE-BASEL, SCI Journal
February 2022	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, SCI Journal
January 2022	SHOCK AND VIBRATION, SCI Journal
January 2022	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
January 2022	transdisciplinary journal of engineering and science, Other Indexed Journal
January 2022	ADVANCES IN MECHANICAL ENGINEERING, SCI Journal
January 2022	COMPUTERS & INDUSTRIAL ENGINEERING, Journal Indexed in SCIE
January 2022	MECHANISM AND MACHINE THEORY, SCI Journal
December 2021	TEHNICKI VJESNIK-TECHNICAL GAZETTE, Journal Indexed in SCIE
December 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
December 2021	MECHANISM AND MACHINE THEORY, SCI Journal
December 2021	MEASUREMENT, SCI Journal
December 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
December 2021	MEASUREMENT, SCI Journal
December 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
December 2021	AGRICULTURE-BASEL, SCI Journal
December 2021	LUBRICATION SCIENCE, Journal Indexed in SCIE
December 2021	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
December 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
December 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
December 2021	WAVES IN RANDOM AND COMPLEX MEDIA, SCI Journal
November 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
November 2021	ENGINEERING FAILURE ANALYSIS, SCI Journal
November 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
November 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
November 2021	SCIENCE AND TECHNOLOGY OF NUCLEAR INSTALLATIONS, Journal Indexed in SCIE
October 2021	ADVANCES IN MECHANICAL ENGINEERING, SCI Journal
October 2021	JOURNAL OF COMPUTATIONAL DESIGN AND ENGINEERING, Other Indexed Journal
October 2021	MEASUREMENT, SCI Journal
October 2021	THEORETICAL AND APPLIED FRACTURE MECHANICS, Journal Indexed in SCIE

October 2021	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
October 2021	ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, SCI Journal
October 2021	FORSCHUNG IM INGENIEURWESEN-ENGINEERING RESEARCH, SCI Journal
September 2021	FORSCHUNG IM INGENIEURWESEN-ENGINEERING RESEARCH, SCI Journal
August 2021	INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, SCI Journal
July 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
July 2021	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES, SCI Journal
July 2021	MEASUREMENT, SCI Journal
June 2021	ADVANCES IN MECHANICAL ENGINEERING, SCI Journal
June 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
June 2021	MEASUREMENT, SCI Journal
June 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
June 2021	ADVANCES IN MECHANICAL ENGINEERING, SCI Journal
June 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
June 2021	AGMA 2021 Fall Technical Meeting, Conference Paper (Full Text)
May 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART J-JOURNAL OF ENGINEERING TRIBOLOGY, Journal Indexed in SCIE
May 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
May 2021	MECHANISM AND MACHINE THEORY, SCI Journal
May 2021	ENGINEERING FRACTURE MECHANICS, SCI Journal
May 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
May 2021	Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal
April 2021	MECHANISM AND MACHINE THEORY, SCI Journal
April 2021	INTERNATIONAL JOURNAL OF AEROSPACE ENGINEERING, Journal Indexed in SCIE
March 2021	MECHANISM AND MACHINE THEORY, SCI Journal
March 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART J-JOURNAL OF ENGINEERING TRIBOLOGY, SCI Journal
March 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, SCI Journal
March 2021	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
March 2021	INTERNATIONAL JOURNAL OF AEROSPACE ENGINEERING, Journal Indexed in SCIE
February 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
February 2021	MECHANISM AND MACHINE THEORY, SCI Journal
February 2021	APPLIED MATHEMATICAL MODELLING, Journal Indexed in SCIE
February 2021	MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCIE
January 2021	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
December 2020	Recent Patents on Engineering, Other Indexed Journal
December 2020	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
December 2020	APPLIED MATHEMATICAL MODELLING, SCI Journal
December 2020	JOURNAL OF BUILDING ENGINEERING, Journal Indexed in SCIE
December 2020	MECHANISM AND MACHINE THEORY, SCI Journal
December 2020	MECHANISM AND MACHINE THEORY, SCI Journal
December 2020	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
December 2020	MECHANISM AND MACHINE THEORY, SCI Journal
December 2020	TEHNICKI VJESNIK-TECHNICAL GAZETTE, Journal Indexed in SCIE
November 2020	MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCIE

November 2020	MATHEMATICAL PROBLEMS IN ENGINEERING, Journal Indexed in SCIE
August 2020	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
July 2020	MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS, Journal Indexed in SCIE
July 2020	MECHANISM AND MACHINE THEORY, SCI Journal
May 2020	LUBRICATION SCIENCE, Journal Indexed in SCIE
May 2020	JOURNAL OF MECHANICAL DESIGN, SCI Journal
April 2020	INTERNATIONAL JOURNAL OF ACOUSTICS AND VIBRATION, SCI Journal
April 2020	JOURNAL OF TESTING AND EVALUATION, Journal Indexed in SCIE
March 2020	MECHANICAL SYSTEMS AND SIGNAL PROCESSING, SCI Journal
March 2020	MECHANISM AND MACHINE THEORY, SCI Journal
February 2020	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, SCI Journal
February 2020	INTERNATIONAL JOURNAL OF SIMULATION MODELLING, Journal Indexed in SCIE
February 2020	JOURNAL OF MECHANICAL DESIGN, SCI Journal
January 2020	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
January 2020	STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, Journal Indexed in SCIE
December 2019	ADVANCES IN MECHANICAL ENGINEERING, Journal Indexed in SCIE
November 2019	MECHANISM AND MACHINE THEORY, SCI Journal
November 2019	ENGINEERING WITH COMPUTERS, Journal Indexed in SCIE
October 2019	MECHANISM AND MACHINE THEORY, SCI Journal
July 2019	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Journal Indexed in SCIE
June 2019	MECHANISM AND MACHINE THEORY, SCI Journal
June 2018	SHOCK AND VIBRATION, Journal Indexed in SCIE
April 2018	MECHANISM AND MACHINE THEORY, SCI Journal
February 2017	MECHANISM AND MACHINE THEORY, SCI Journal
June 2012	International Journal Of Antennas And Propagation, Journal Indexed in SCIE

Scientific Consultations

2020 - 2020	Project Consultancy, Yeşilova Holding
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Tasks In Event Organizations

22 Aralık 2022	Karpat F., The 13th Asia Conference on Mechanical and Aerospace Engineering (ACMAE 2022), Scientific Congress, Chengdu, China
16 Mayıs 2022	Karpat F., R&B Innovation Expo Score International Virtual Conference, Scientific Congress, United States Of America
19 Kasım 2021	Karpat F., 12. KAYNAK TEKNOLOJİSİ ULUSAL KONGRE VE SERGİSİ, Scientific Congress, Ankara, Turkey
09 Ekim 2021	Karpat F., NDT GÜNLERİ - XII. KAYNAK KONGRESİNE GİDERKEN ETKİNLİĞİ , Workshop Organization, Bursa, Turkey
15 Nisan 2021	Karpat F., Raylı Sistemler Sektöründe Belgelendirme Faaliyetleri, Workshop Organization, Bursa, Turkey
27 Ocak 2020	Karpat F., Bursa Raylı Sistemler Çalıştayı, Workshop Organization, Bursa, Turkey
30 Kasım 2017	Karpat F., Ulaşım Sistemlerinde Yerli ve Milli Çözümler Paneli, Workshop Organization, Bursa, Turkey

Scientific Research / Working Group Memberships

2020 - Continues	Otomotiv Çalışma Grubu, https://avesis.uludag.edu.tr/arastirma-grubu/ocg , Bursa Uludağ University, Turkey
2018 - 2019	1004 Proje Hazırlık Grubu- Darbeli Fiber Lazer Sistemi Geliştirilmesi, http://www.uludag.edu.tr/fotonik , Bursa Uludağ University, Turkey

Mobility Activity

2017 - 2017	Mevlana Mobility Programme, Scientific Research, University of Central Oklahoma, United States Of America
2015 - 2015	Bilateral Collaboration Agreement, Guest Researcher, University of Central Oklahoma, United States Of America
2008 - 2008	Post Doc, Post Doc, Texas Tech University, United States Of America
2006 - 2006	Post Doc, Post Doc, Texas Tech University, United States Of America

Metrics

Publication: 151
Citation (WoS): 354
Citation (Scopus): 507
H-Index (WoS): 11
H-Index (Scopus): 12

Awards

August 2020	TÜBİTAK 2242 Üniversite Öğrencileri Araştırma Proje Yarışmalarında İstanbul Asya Bölgesinde Savunma, Uzay ve Havacılık kategorisi birincilik, Tübitak
June 2008	Bir yılda En Çok SCI Yayın Yapanlar Üçüncülük Ödülü , Bursa Uludağ Üniversitesi Rektörlüğü

Non Academic Experience

2020 - Continues	Governorship, Bursa Uludağ University, Makina Mühendisliği
2018 - Continues	Chamber of Commerce, Bursa Uludağ University, Makina Mühendisliği