

## Asst. Prof. Ali Serdar VANLI

### Personal Information

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

**Web:** <https://avesis.yildiz.edu.tr/svanli>

### International Researcher IDs

ORCID: 0000-0001-9562-6716

Yoksis Researcher ID: 25518

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2007 - 2013

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2005 - 2007

Undergraduate, Zonguldak Karaelmas, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2001 - 2005

### Research Areas

Mechanical Engineering, Casting Methods, Production Metallurgy, Principles of Foundry Technology, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2022 - Continues

Research Assistant PhD, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2006 - 2022

### Advising Theses

Sönmez H., Vanlı A. S., Dökme demirlerin kum kalıba döküm tekniğinde yolluk sistemlerinin dizaynı ve simülasyon sonuçlarının incelenmesi, Postgraduate, A.ERBUL(Student), 2017

Sönmez H., Vanlı A. S., Magnezyum alaşımlarının ergitme prosesinde kullanılan koruyucu gaz atmosferlerinin incelenmesi, Postgraduate, M.DEMİRCİ(Student), 2014

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

- Anti-Wear Characteristics of SiC Preform Reinforced AZ91 Magnesium Matrix Composites Fabricated by Cold Chamber High-Pressure Die Casting**  
KÜÇÜKYILDIRIM B. O., VANLI A. S., AKDOĞAN A.  
International Journal of Metalcasting, vol.18, no.1, pp.633-648, 2024 (SCI-Expanded)
- Improved creep resistance of AZ91 magnesium alloy after the micro arc oxidation process**

Selvi E., Muhaffel F., Filiz H. İ., VANLI A. S., Baydoğan M.

Materials Chemistry and Physics, vol.309, 2023 (SCI-Expanded)

- III. **Elevated Temperature Wear Behavior of AZ91 Magnesium Alloy After Micro-Arc Oxidation in Single and Dual Phase Electrolytes**  
Selvi E., Kaba M., Muhaffel F., VANLI A. S., Baydoğan M.  
Journal of Tribology, vol.145, no.7, 2023 (SCI-Expanded)
- IV. **Influence of Electrolyte Compositions and Electrical Parameters on Thermal Properties of Micro-Arc Oxidized AZ91 Alloy**  
Selvi E., Muhaffel F., Yurekturk Y., VANLI A. S., Baydoğan M.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.31, no.2, pp.1667-1678, 2022 (SCI-Expanded)
- V. **Re-engineering of manufacturing parts by computed tomography data**  
AKDOĞAN A., VANLI A. S., Durakbaşa N. M.  
Lecture Notes in Mechanical Engineering, vol.26, pp.114-121, 2019 (SCI-Expanded)
- VI. **Manufacturing automation for magnesium die casting**  
VANLI A. S., AKDOĞAN A.  
Lecture Notes in Mechanical Engineering, vol.26, pp.122-130, 2019 (SCI-Expanded)
- VII. **Effects of process parameters on mechanical and metallurgical properties in high pressure die casting of AZ91 magnesium alloy**  
Vanli A. S., AKDOĞAN A.  
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.26, no.1, pp.27-35, 2019 (SCI-Expanded)
- VIII. **Production Performance Of Wood Flour Reinforced Polymer Composites in Extruding Process**  
NOMAK AKDOĞAN A., VANLI A. S.  
ACTA PHYSICA POLONICA A, vol.134, no.1, pp.18-20, 2018 (SCI-Expanded)
- IX. **Optimization of end milling parameters and determination of the effects of edge profile for high surface quality of AISI H13 steel by using precise and fast measurements**  
Durakbasa M. N., AKDOĞAN A., Vanli A. S., Bulutsuz A.  
MEASUREMENT, vol.68, pp.92-99, 2015 (SCI-Expanded)
- X. **Material characterization of different-dimensioned wood particle-reinforced polymer composites**  
AKDOĞAN A., Vanli A. S.  
Journal of Thermoplastic Composite Materials, vol.26, no.9, pp.1237-1248, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Production of Aluminum Alloy Sealing Part by Semi Solid Die Casting Method**  
Ali Y., AKDOĞAN A., VANLI A. S.  
Defect and Diffusion Forum, vol.417, pp.17-22, 2022 (Scopus)
- II. **Production Productivity by Automation Application in Manufacturing Industry**  
Akdoğan A., Vanlı A. S., Fırat S., Kocaman M.  
Acta Materialia Turcica, no.4, pp.28-32, 2020 (Peer-Reviewed Journal)
- III. **Natural fiber thermoplastic composites in terms of new production technologies: A review**  
Akdoğan A., Vanlı A. S.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.1, pp.30-36, 2020 (ESCI)
- IV. **Investigation of protective surface film behavior of fluorine containing cover gas parameters on molten magnesium alloy**  
Vanlı A. S., Akdoğan A., Eryıldız M.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.26, no.1, pp.51-53, 2020 (ESCI)
- V. **Tools of Industry 4.0 on Die Casting Production Systems**  
VANLI A. S., AKDOĞAN A., Durakbaşa N. M.  
Proceedings of the International Symposium for Production Research 2019, 2019 (Peer-Reviewed Journal)
- VI. **Process Optimization and Alloy Modification in Hot Chamber Die Casting**

- Karakaya C., Vanlı A. S., Akdoğan A.  
Academic Journal of Science, vol.09, no.1, pp.13-22, 2019 (Peer-Reviewed Journal)
- VII. **Yüzey Pürüzlülüğü Ölçme İşleminde Ölçme Belirsizliği Hesapları ve Belirsizlik Bütçesi Tablosu**  
AKDOĞAN A., VANLI A. S.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, no.2, pp.249-252, 2019 (Peer-Reviewed Journal)
- VIII. **Tüm Bileşenleri İle Basınçlı Döküm Yönteminde Otomasyon**  
Vanlı A. S., Akdoğan A.  
OTOMASYON, pp.13-20, 2019 (Peer-Reviewed Journal)
- IX. **SMART DIE CASTING FOUNDRY ACCORDING TO INDUSTRIAL REVOLUTION 4.0**  
VANLI A. S., AKDOĞAN A., KERBER K., OZBEK S., DURAKBAŞA N.  
ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, vol.61, no.4, pp.787-792, 2018 (ESCI)
- X. **Ekstrüderler için Uygun Vida ve Kovan Tasarımları**  
AKDOĞAN A., VANLI A. S.  
PLASTİK ve AMBALAJ TEKNOLOJİSİ, vol.23, no.238, pp.45-48, 2018 (Peer-Reviewed Journal)
- XI. **Tüm Bileşenleri ile Basınçlı Döküm Yönteminde Otomasyon II**  
VANLI A. S., AKDOĞAN A.  
MakineTek, no.210, pp.106-112, 2015 (Peer-Reviewed Journal)
- XII. **Savunma Sanayinde Kullanılan Magnezyum Alaşımları ve Uygulama Alanları**  
Demirci M., Vanlı A. S., Akdoğan A.  
International Journal of Engineering Research and Development, vol.7, no.4, pp.13-20, 2015 (Peer-Reviewed Journal)
- XIII. **Tüm Bileşenleri ile Basınçlı Döküm Yönteminde Otomasyon I**  
VANLI A. S., AKDOĞAN A.  
MakinaTek, no.209, pp.184-190, 2015 (Peer-Reviewed Journal)
- XIV. **Surface Roughness Modeling with Edge Radius and End Milling Parameters on Al 7075 Alloy Using Taguchi and Regression Methods**  
Durakbaşa M. N., Akdoğan A., Vanlı A. S., Günay Bulutsuz A.  
ACTA IMEKO, vol.3, no.4, pp.46-51, 2014 (Scopus)
- XV. **Mechanical and Morphological Properties of Cold Chamber High Pressure Die Casting AZ91 Magnesium Alloy Products**  
Akdoğan A., Sönmez H., Vanlı A. S.  
Academic Journal of Science, vol.3, no.1, pp.113-119, 2014 (Peer-Reviewed Journal)
- XVI. **Optimum Process Parameters During End Milling Operation of AISI H13 Steel for High Surface Quality**  
Vanlı A. S., Günay Bulutsuz A., Akdoğan A., Durakbaşa M. N.  
Academic Journal of Science, vol.3, no.2, pp.233-240, 2014 (Peer-Reviewed Journal)
- XVII. **Magnezyum Alaşımlarının Ergitme Prosesinde Koruyucu Gaz Atmosferlerinin Kullanımı**  
Demirci M., Vanlı A. S., Akdoğan A., Sönmez H.  
MakineTek, no.6, pp.280-286, 2014 (Non Peer-Reviewed Journal)
- XVIII. **Magnezyum Alaşımlarının Basınçlı Dökümü**  
Akdoğan A., Vanlı A. S.  
Makinatek Dergisi, no.188, pp.368-372, 2013 (Non Peer-Reviewed Journal)
- XIX. **Magnezyum Alaşımları Yüksek Kalitede Basınçlı Dökülüyor**  
Sönmez H., Akdoğan A., Vanlı A. S.  
Metalik Dergisi, no.21, pp.28-31, 2013 (Non Peer-Reviewed Journal)
- XX. **Ahşap Talaşının Geri Kazanımı ile Polimer Kompozit Üretimi**  
Akdoğan A., Vanlı A. S.  
AP Ambalaj Plastik Dergisi, vol.2, pp.50-51, 2012 (Non Peer-Reviewed Journal)
- XXI. **Investigation of the Protective Atmospheres Used for Melting Process of High Pressure Die Casting**

## **Magnesium Alloys**

VANLI A. S.

Academic Journal of Science, vol.1, no.3, pp.109-120, 2012 (Peer-Reviewed Journal)

XXII. **Material Characterization of Extrusion Compounded Polymer Composites with Different Dimensioned Wood Additives**

Akdoğan A., Vanlı A. S.

International Journal of Arts & Sciences, vol.3, no.9, pp.314, 2010 (Peer-Reviewed Journal)

XXIII. **Investigation the Effects of Process Parameters on Product Quality in Cold Chamber High Pressure Die Casting of Magnesium Alloys**

Vanlı A. S., Akdoğan A., Sönmez H.

International Journal of Arts and Sciences, vol.3, no.9, pp.320-325, 2010 (Peer-Reviewed Journal)

XXIV. **Fluidized Bed Drying System for Continuous Processing of Lignocellulosic Polymer Composite Materials**

Vanlı A. S., Akdoğan A., Koyun A.

International Journal of Arts and Sciences, vol.3, no.1, pp.43-49, 2009 (Peer-Reviewed Journal)

## **Books & Book Chapters**

I. **Mass Production Processes**

Akdoğan A. (Editor), Vanlı A. S. (Editor)

Intech Open, London, 2020

II. **Introductory Chapter: Mass Production and Industry 4.0**

Akdoğan A., Vanlı A. S.

in: Mass Production Processes, Anıl AKDOĞAN, ALİ SERDAR VANLI, Editor, IntechOpen Limited, London, pp.3-5, 2020

III. **Wood Reinforced Polymer Composites**

AKDOĞAN A., VANLI A. S.

in: WOOD IN CIVIL ENGINEERING, Concu Giovanna, Editor, INTECH Open Access Publisher, Rijeka, pp.149-170, 2017

IV. **GATING SYSTEM DESIGN AND OPTIMIZATION IN SAND MOLD CASTING OF CAST IRONS**

ERBUL A., VANLI A. S., AKDOĞAN A., DURAKBAŞA N.

in: DAAAM INTERNATIONAL SCIENTIFIC BOOK 2017, BRANKO KATALINIC, Editor, DAAAM INTERNATIONAL PUBLISHING, Vienna, pp.173-190, 2017

## **Refereed Congress / Symposium Publications in Proceedings**

I. **Manufacturing Productivity Increase by Innovative Die Design in High Pressure Die Casting**

Alev U., Mertöz C., VANLI A. S., AKDOĞAN A.

International Symposium for Production Research, ISPR 2023, Antalya, Turkey, 5 - 07 October 2023, pp.337-343

II. **Quality Control Automation System for Furniture Connecting Fittings to Achieve Zero Defect**

Mertöz C., Şen Ç., Utuş Ö., Karaarslan N., Başçı H., Fırat S., Alev U., VANLI A. S., AKDOĞAN A.

22nd International Symposium for Production Research, ISPR 2022, Antalya, Turkey, 6 - 08 October 2022, pp.211-223

III. **Assembling Automation for Furniture Fittings to Gain Durability and to Increase Productivity**

Kocaman M., Mertoz C., Gokce R., Fırat S., AKDOĞAN A., VANLI A. S.

21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK, 7 - 09 October 2021, pp.243-255

IV. **Product Development for Lifetime Prolongation via Benchmarking**

Serbet T., Yasar M., Karayol T., AKDOĞAN A., VANLI A. S.

21st International Symposium on Production Research (ISPR) - Digitizing Production System, ELECTR NETWORK, 7 - 09 October 2021, pp.210-218

- V. **Production of Aluminum Alloy Sealing Part by Semi Solid Die Casting Method**  
Ali Y., AKDOĞAN A., VANLI A. S.  
3rd Asia Conference on Material and Manufacturing Technology, ACMMT 2021, Tokyo, Japan, 20 December 2021
- VI. **Effect of gating system improvements on production quality in high pressure die casting**  
Akdogan A., Vanli A. S., Numan Durakbasa M.  
31st International DAAAM Virtual Symposium "Intelligent Manufacturing and Automation", Mostar, Bosnia And Herzegovina, 21 - 24 October 2020, vol.31, pp.459-462
- VII. **Tools of Industry 4.0 on Die Casting Production Systems**  
VANLI A. S., AKDOĞAN A., Durakbasa M. N.  
19th International Symposium for Production Research, ISPR 2019, Vienna, Austria, 28 - 30 August 2019, pp.328-334
- VIII. **Dökme Demirden İmal Edilmiş Ağır Hizmet Dizel Motor Bloğunda Yapılan Hafifletme Çalışması, Yolluk Tasarımı ve Döküm Simülasyonu**  
Kirenci Ü., Özcan E., Kuyumcu A. M., Akdoğan A., Vanlı A. S.  
2. Ulusal Döküm Kongresi 2019, İzmir, Turkey, 30 November - 01 December 2019
- IX. **Zamak Alaşımların Sıcak Kamaralı Basınçlı DökümYönteminde Proses Optimizasyonu ve Alaşım Modifikasyonu**  
Karakaya C., Büyük U., Karayol T., VANLI A. S., AKDOĞAN A.  
TUDOKSAD Akademi 2. Ulusal Döküm Kongresi, Turkey, 30 November - 01 December 2019
- X. **Production Productivity by Automation Application in Manufacturing Industry**  
Fırat S., Kocaman M., Vanlı A. S., Akdoğan A.  
9th International Advances in Applied Physics Materials Science Congress Exhibition, Muğla, Turkey, 22 - 28 October 2019, pp.87
- XI. **Process Optimization and Alloy Modification in Hot Chamber Die Casting**  
Karakaya C., VANLI A. S., AKDOĞAN A.  
International Journal of Arts Sciences' (IJAS) International Conference for Academic Disciplines, 4 - 07 June 2019
- XII. **Dökme Demirden İmal Edilmiş Ağır Hizmet Dizel Motor Bloğuna Yönelik Hafifletme Çalışması**  
Kirenci Ü., Vanlı A. S., Akdoğan A.  
4. Uluslararası Demir Çelik Sempozyumu, Karabük, Turkey, 4 - 06 April 2019
- XIII. **Wear Behavior of SiC Reinforced AZ91 Magnesium Matrix Composites Fabricated by High Pressure Die Casting**  
VANLI A. S., KÜÇÜKYILDIRIM B. O., AKDOĞAN A.  
19th International Metallurgy Materials Congress, 25 - 27 October 2018, pp.197-201
- XIV. **Lean Manufacturing and Re-planning Works of a Shipyard Foundry**  
Nomak Akdoğan A., Vanlı A. S., Doğru M. K.  
10. ULUSLARARASI DÖKÜM KONGRESİ, İstanbul, Turkey, 25 October 2018, pp.367-372
- XV. **Bir Tersane Dökümhanesinde Yalın Üretim ve Yeniden Planlama Çalışmaları**  
AKDOĞAN A., VANLI A. S., DOĞRU M. K.  
10. ULUSLARARASI DÖKÜM KONGRESİ, Muğla, Turkey, 25 - 27 October 2018
- XVI. **Smart Die Casting Foundry According to Industrial Revolution 4.0**  
VANLI A. S., AKDOĞAN A., Kerber K., Ozbek S., DURAKBAŞA N.  
5th International Conference on Quality and Innovation in Engineering and Management, Cluj-Napoca, Romania, 25 - 26 July 2018
- XVII. **Effects of Process Parameters on Mechanical and Metallurgical Properties in High Pressure Die Casting of Magnesium Alloys**  
VANLI A. S., AKDOĞAN A.  
9th International Advances in Applied Physics Materials Science Congress Exhibition, 24 - 30 April 2018
- XVIII. **3D Imaging and Visualization of EngineeringMaterials with Optical Metrology**  
AKDOĞAN A., VANLI A. S.

- 2nd International Conference on Engineering Technology and Innovation, Budapest, Hungary, 7 - 11 March 2018
- XIX. **Smart Die Casting Foundry 4.0**  
VANLI A. S., AKDOĞAN A.  
2nd International Conference on Engineering Technology and Innovation, Budapest, Hungary, 7 - 11 March 2018
- XX. **Fabrication of SiC Reinforced Magnesium Matrix Composites by Cold Chamber High Pressure Die Casting Method**  
VANLI A. S., KÜÇÜKYILDIRIM B. O., AKDOĞAN A.  
1st International Conference of Advanced Materials and Manufacturing Technologies, Karabük, Turkey, 25 - 27 October 2017
- XXI. **Döküm Tekniği İçin Üç Boyutlu Yazıcılarla Model İmalatı**  
Tekin B., AKDOĞAN A., VANLI A. S.  
9. Tüdöksad Ulusal Döküm Kongresi, Eskişehir, Turkey, 20 - 21 October 2017
- XXII. **Sürdürülebilir Başarı İçin Rehber ISO 9001-2015 Kalite Yönetim Sistem Standardı**  
AKDOĞAN A., VANLI A. S.  
9. Tüdöksad Ulusal Döküm Kongresi, Eskişehir, Turkey, 20 - 21 October 2017
- XXIII. **Regression Modelling of Surface Parameters for End Milling Process of X40CrMoV5-1 Hot Work Tool Steel**  
Vanlı A. S., Durakbaşı N. M., Akdoğan A., Cebe E. Ö.  
International Symposium for Production Research 2017, Vienna, Austria, 13 - 15 September 2017
- XXIV. **Process Optimization and Surface Modification of Magnesium Alloy Die Casting Parts**  
VANLI A. S., AKDOĞAN A.  
International Journal of Arts Sciences' (IJAS) International Conference for Engineering and Technology, Viyana, Austria, 25 - 29 June 2017
- XXV. **Die Casting Process Optimization Of AZ91 Magnesium Alloy And Product Surface Modification**  
VANLI A. S., AKDOĞAN A., Durakbaşı N. M.  
7th International Advances in Applied Physics and Materials Science Congress Exhibition, 22 - 26 April 2017
- XXVI. **Processing Performance Of Lignocellulosic Material Reinforced Polyethylene Composites In Compounding Extruder**  
VANLI A. S., AKDOĞAN A.  
7th International Advances in Applied Physics and Materials Science Congress Exhibition, 22 - 26 April 2017
- XXVII. **Savunma Sanayinde Kullanılan Magnezyum Alaşımı Parçaların Üretim Yöntemleri**  
VANLI A. S., AKDOĞAN A.  
2nd International Defense Industry Symposium, 6 - 08 April 2017
- XXVIII. **An integrated process design for Magnesium alloy part manufacturing in Turkey**  
VANLI A. S., AKDOĞAN A.  
3rd International Iron Steel Symposium (UDCS'17), Karabük, Turkey, 3 - 05 April 2017
- XXIX. **Integrated Die Casting Manufacturing System for Sustainable High Quality of Magnesium Alloy Products**  
VANLI A. S., AKDOĞAN A., Durakbaşı N.  
International Conference on Production Research – Africa, Europe and the Middle East 4th International Conference on Quality and Innovation in Engineering and Management, 23 - 25 June 2016
- XXX. **Electroless Nickel Plating on Pretreated AZ91 Magnesium Alloy Die Casting Parts**  
DEMİRCİ M., VANLI A. S., AKDOĞAN A.  
2nd International Conference on Pure & Applied Science, 1 - 05 June 2016
- XXXI. **Investigation The Effects of Process Parameters in Hot Chamber High Pressure Die Casting of Magnesium Alloys**  
Demirci M., Vanlı A. S., Akdoğan A.  
International Mechanical Engineering and Technologies Conference MECHATECH'16, İstanbul, Turkey, 17 - 18 May 2016, pp.104-109
- XXXII. **Effects Of Heat Treatment On Mechanical And Corrosion Properties of Magnesium Alloys**  
Demirci M., Vanlı A. S., Akdoğan A.

”, Conference on Advances in Mechanical Engineering Istanbul 2016 – ICAME2016, İstanbul, Turkey, 11 - 13 May 2016, pp.117-120

- XXXIII. **INVESTIGATION OF THERMAL CONDITIONING OF HIGH PRESSURE DIE CASTING DIES**  
Demirci M., Vanlı A. S., Akdoğan A.  
INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS ISTANBUL, İstanbul, Turkey, 23 - 25 December 2015, pp.149-153
- XXXIV. **Fabrication of Magnesium Matrix Composite Materials by High Pressure Die Casting Method**  
VANLI A. S., AKDOĞAN A., KÜÇÜKYILDIRIM B. O.  
International Journal of Arts & Sciences Multidisciplinary Conference for Technology and Science, 29 June - 06 July 2015
- XXXV. **Protection Behavior of Fluorine Containing Cover Gases on Molten AZ91 Magnesium Alloy**  
Demirci M., Vanlı A. S., Akdoğan A., Sönmez H.  
International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 13 - 15 May 2015, pp.522-525
- XXXVI. **PROTECTION BEHAVIOUR OF FLUORINE-CONTAINING COVER GASES ON MOLTEN AZ91 MAGNESIUM ALLOY**  
Demirci M., Vanlı A. S., Akdoğan A., Sönmez H.  
INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 04 May 2015, pp.522-525
- XXXVII. **Characterization of Surface Films Formed on Molten Magnesium in the Atmospheres Containing Hydro Fluorocarbon HFC 134A**  
Demirci M., Vanlı A. S., Akdoğan A., Sönmez H.  
International Journal of Arts & Sciences Conferences, Londrina, Brazil, 4 - 07 November 2014, vol.8, pp.421-425
- XXXVIII. **Savunma Sanayinde Kullanılan Magnezyum Alaşımları ve Uygulama Alanları**  
DEMİRCİ M., VANLI A. S., AKDOĞAN A.  
Uluslararası Katılımlı 1. Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 9 - 10 April 2015, vol.7, pp.51-59
- XXXIX. **The Using of Sulphur Hexafluoride SF<sub>6</sub> as a Cover Gas for Protection of Molten Magnesium Alloys**  
DEMİRCİ M., VANLI A. S., AKDOĞAN A., SÖNMEZ H.  
International Journal of Arts & Sciences Conference, Barselona, Spain, 16 - 19 June 2014, vol.7, pp.47-53
- XL. **CHARACTERIZATION OF SURFACE FILMS FORMED ON MOLTEN MAGNESIUM IN ATMOSPHERES CONTAINING HYDRO FLUOROCARBON (HFC-134A)**  
DEMİRCİ M., VANLI A. S., AKDOĞAN A., SÖNMEZ H.  
Conference of the International Journal of Arts & Sciences, Londra, United Kingdom, 03 November 2014, pp.421-425
- XLI. **Quality Control Methods for High Pressure Die Casting of Magnesium Alloy Products**  
Akdoğan A., Vanlı A. S., Sönmez H.  
Conference of the International Journal of Arts & Sciences, Freiburg, Germany, 30 December 2013 - 03 January 2014, vol.7, no.1, pp.105-115
- XLII. **Magnezyum Alaşımı Parça İmalatı İçin Soğuk Kamaralı Basıncılı Döküm Makinesi ve İmalat Prosesinin Tasarımı**  
Vanlı A. S., Akdoğan A., Sönmez H.  
TMMOB - Makine İmalat Teknolojileri Kongresi , Bursa, Turkey, 6 - 07 December 2013, pp.372-378
- XLIII. **Determination of cutting tool geometries with high precise measurement techniques and investigation of their effects on workpiece surface properties**  
Durakbaşa M. N., AKDOĞAN A., VANLI A. S., Günay A.  
12th IMEKO TC10 Workshop on Technical Diagnostics: New Perspective in Measurements, Tools and Techniques for Industrial Applications, Florence, Italy, 6 - 07 June 2013, pp.106-111
- XLIV. **Material Characterization of Extrusion Compounded Polymer Composites with Different Dimensioned Wood Additives**  
Akdoğan A., Vanlı A. S.  
The International Journal of Art and Sciences Conference, Aix-En-Provence, France, 7 - 11 June 2010, pp.314-319
- XLV. **Fluidized Bed Drying Sistem for Continuous Processing of Lignosellulosic Polymer Composite**

## **Materials**

KOYUN A., Vanlı A. S., Akdoğan S.

The International Journal of Art and Sciences Conference, Germany, pp.43

## **Supported Projects**

VANLI A. S., Project Supported by Higher Education Institutions, AM60 Serisi Magnezyum Alaşımlarının Soğuk Kamaralı Basınçlı Dökümünde Proses Parametrelerinin Optimizasyonu, 2015 - 2018

## **Metrics**

Publication: 96

Citation (WoS): 30

Citation (Scopus): 61

H-Index (WoS): 2

H-Index (Scopus): 4

## **Awards**

Akdoğan A., Vanlı A. S., The Best Conference Paper Plaquet, Ijas, The International Journal Of Art And Sciences Conference, November 2009

## **Non Academic Experience**

Hisar Mühendislik Taah. Tic. Ltd. Şti.