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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-3208-2020

ScopusID: 7103003538

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Education Information

Doctorate, University of Missouri-Rolla, Seramik Mühendisliği, United States Of America 1988 - 1991

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 1991 - Continues

Academic and Administrative Experience

Middle East Technical University, Faculty of Engineering, Department of Metallurgical and Materials Engineering, 2003 - 2010

Advising Theses

ÖZTÜRK A., Niobium-cobalt co-doped barium titanate dielectric ceramics for multilayered ceramic capacitors, Postgraduate, B.ÖZGÜR(Student), 2022

ÖZTÜRK A., Development of amino functionalized POSS based (3-Glycidoxypropyl) trimethoxysilane hybrid sol-gel coatings for aircraft applications, Postgraduate, D.ÇİSEL(Student), 2021

ÖZTÜRK A., Copper removal from regenerated pickling solutions of steel plants, Postgraduate, E.Sütçü(Student), 2020

ÖZTÜRK A., Synthesis of g-C₃N₄/TiO₂ heterojunction composites with enhanced solar light photocatalytic activity, Postgraduate, P.Gündoğmuş(Student), 2020

ÖZTÜRK A., Production and characterization of hierarchically porous transparent glasses, Doctorate, E.Burak(Student), 2020

ÖZTÜRK A., Dielectric property-microstructure relation in MgTiO₃-CaTiO₃ ceramics, Postgraduate, M.Ergin(Student), 2019

ÖZTÜRK A., Hydrothermal synthesis of TiO₂ nanostructures for photocatalytic and photovoltaic applications, Doctorate, N.ERDOĞAN(Student), 2017

ÖZTÜRK A., Hydrothermal synthesis of TiO₂ nanostructures for photocatalytic and photovoltaic applications, Doctorate, N.Erdoğan(Student), 2017

ÖZTÜRK A., Production and characterization of yttria stabilized zirconia ceramic blocks for dental applications, Postgraduate, M.KAPLAN(Student), 2017

ÖZTÜRK A., Development and photocatalytic properties of potassium titanate nanostructure embedded resin composites, Doctorate, D.KAPUSUZ(Student), 2016

YAMAN İ. Ö., ÖZTÜRK A., Effect of triisopropanol amine and calcium nitrate on the strength development of glass fiber reinforced concrete t, Postgraduate, M.Onur(Student), 2015

ÖZTÜRK A., YAMAN İ. Ö., Effect of triisopropanol amine and calcium nitrate on the strength development of glass fiber reinforced concrete, Postgraduate, M.ONUR(Student), 2015

ÖZTÜRK A., Synthesis of boron and zirconium co-doped titanium dioxide nanopowders by sol-gel technique, Postgraduate, L.AĞARTAN(Student), 2014

ÖZTÜRK A., Synthesis of boron and zirconium co-doped titanium dioxide nanopowders by the sol-gel technique /, Postgraduate, L.Ağartan(Student), 2014

ÖZTÜRK A., Preparation of boron-zirconium co-doped photocatalytic titanium dioxide powder, Postgraduate, T.TOKMAKÇI(Student), 2013

ÖZTÜRK A., TOKYAY M., A study on the utilization of waste cement-bonded wood particle board as a raw material and a secondary fuel in cement manufacturing, Postgraduate, M.YILMAZ(Student), 2012

ÖZTÜRK A., Photocatalytic properties of silver loaded titanium dioxide powders produced by mechanical ball milling, Postgraduate, B.AYSİN(Student), 2012

ÖZTÜRK A., Photocatalytic activity of apatite-deposited titanium dioxide powde, Postgraduate, K.Soyсал(Student), 2010

ÖZTÜRK A., YAMAN İ. Ö., Comparison of compressive strength test procedures for blended cement, Postgraduate, E.ÜLKER(Student), 2010

ÖZTÜRK A., Photocatalytic activity of apatite-deposited titanium dioxide powder, Postgraduate, K.SOYSAL(Student), 2010

YAMAN İ. Ö., ÖZTÜRK A., Comparison of compressive strength test procedures for blended cements, Postgraduate, E.Ülker(Student), 2010

ÖZTÜRK A., YAMAN İ. Ö., Synthesis of alinite cement using soda solid waste, Postgraduate, A.GÜNEŞ(Student), 2010

ÖZTÜRK A., YAMAN İ. Ö., Utilization of soda and beer wastes in cementitious systems, Postgraduate, B.ALEESSA(Student), 2009

ÖZTÜRK A., Development of a glass-ceramic for biomedical applications, Doctorate, J.PARK(Student), 2008

ÖZTÜRK A., Production and characterization of magnesium oxychloride cement based polishing bricks for polishing of ceramic tiles, Postgraduate, M.SAİD(Student), 2008

ÖZTÜRK A., Influence of B₂O₃ addition on the microstructure of mica based glass-ceramics, Postgraduate, H.AYKUT(Student), 2005

ÖZTÜRK A., Investigation of parameters affecting the drying rate of sanitary wares, Postgraduate, E.GÜNGÖR(Student), 2005

ÖZTÜRK A., Influence of B₂O₃ additions on the microstructure of mica based glass-ceramics, Postgraduate, H.Aykut(Student), 2005

ÖZTÜRK A., Tribological properties of a tightly woven carbon-carbon composite, Postgraduate, K.KARAVELİ(Student), 2005

ÖZTÜRK A., Wear of a mica-containing glass-ceramic, Postgraduate, T.KÜÇÜK(Student), 2003

ÖZTÜRK A., Ultrasonic evaluation of mica glass-ceramics, Postgraduate, P.HOUMAN(Student), 2002

ÖZTÜRK A., Investigation of the effect of titania additions on the strength and elastic modulus of a mica glass ceramic by bending test and ultrasonic velocity measurements., Postgraduate, A.DERELİ(Student), 2002

ÖZTÜRK A., Ultrasonic evaluation of a mica glass-ceramic., Postgraduate, P.Houman(Student), 2002

ÖZTÜRK A., Production of biocompatible mica glass ceramics for dental applications., Postgraduate, H.DER(Student), 1998

ÖZTÜRK A., Production and characterization of ceramic candle type gas filters, Postgraduate, Ş.YUMRUKÇAL(Student), 1997

ÖZTÜRK A., Production and characterization of ceramic candle type gas filters, Postgraduate, T.Ş.(Student), 1997

ÖZTÜRK A., The Development of glass ceramics from central Anatolian basalts, Postgraduate, M.MİHRAN(Student), 1994

ÖZTÜRK A., The development of glass- ceramics from Central Anatolian basalts, Postgraduate, M.Mihran(Student), 1994

ÖZTÜRK A., Effect of carbon and boron additions on pressureless sintering of silicon carbide, Postgraduate, C.YAĞCI(Student), 1993

ÖZTÜRK A., Effect of carbon and boron additions on pressureless sintering of silicon carbide, Postgraduate, C.Yağcı(Student), 1993

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enhanced bioactivity and low temperature degradation resistance of yttria stabilized zirconia/clay composites for dental applications**
Tufan Y., Park J., Öztürk A., Ercan B.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.42, no.15, pp.7300-7310, 2022 (SCI-Expanded)
- II. **Effects of fluorination and thermal shock on the photocatalytic activity of Bi₂O₃ nanopowders**
BOUZIANI A., Park J., ÖZTÜRK A.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, vol.626, 2021 (SCI-Expanded)
- III. **In vitro evaluation of tooth-colored yttria stabilized zirconia ceramics**
Akarsu M. K., Basar A. O., Sasmazel H. T., Park J., ÖZTÜRK A.
JOURNAL OF ASIAN CERAMIC SOCIETIES, vol.9, no.4, pp.1457-1465, 2021 (SCI-Expanded)
- IV. **Enhanced methylene blue removal efficiency of TiO₂ embedded porous glass**
Ertus E. B., Vakifahmetoglu C., ÖZTÜRK A.
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.41, no.2, pp.1530-1536, 2021 (SCI-Expanded)
- V. **Preparation and photocatalytic activity of g-C₃N₄/TiO₂ heterojunctions under solar light illumination**
Gundogmus P., PARK J., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.46, no.13, pp.21431-21438, 2020 (SCI-Expanded)
- VI. **Synthesis of alpha-Fe₂O₃/TiO₂ heterogeneous composites by the sol-gel process and their photocatalytic activity**
Bouziani A., PARK J., ÖZTÜRK A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.400, 2020 (SCI-Expanded)
- VII. **Production and properties of phase separated porous glass**
Ertus E. B., Vakifahmetoglu C., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.46, no.4, pp.4947-4951, 2020 (SCI-Expanded)
- VIII. **Synthesis and enhanced photocatalytic activity of nitrogen-doped triphasic TiO₂ nanoparticles**
Erdogan N., Bouziani A., PARK J., Micusik M., Kim S. Y., Majkova E., Omastova M., ÖZTÜRK A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.377, pp.92-100, 2019 (SCI-Expanded)
- IX. **Alkaline Hydrothermal Synthesis, Characterization, and Photocatalytic Activity of TiO₂ Nanostructures: The Effect of Initial TiO₂ Phase**
Erdogan N., PARK J., Choi W., Kim S. Y., ÖZTÜRK A.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.19, no.3, pp.1511-1519, 2019 (SCI-Expanded)
- X. **Facile synthesis of CsPbBr₃/PbSe composite clusters**
Thang Phan Nguyen T. P. N., ÖZTÜRK A., PARK J., Sohn W., Tae Hyung Lee T. H. L., Jang H. W., Kim S. Y.

SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS, vol.19, no.1, pp.10-17, 2018 (SCI-Expanded)

- XI. **Removal of Trace Amounts of Copper from Concentrated Hydrochloric Acid Solutions**
Erdogan M., Karakaya E., Aras M. S., Karagul S. C., Ersoy M. K., Öztürk A., Karakaya İ.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.13, pp.10934-10947, 2018 (SCI-Expanded)
- XII. **Production and properties of tooth-colored yttria stabilized zirconia ceramics for dental applications**
Kaplan M., PARK J., Kim S. Y., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.44, no.2, pp.2413-2418, 2018 (SCI-Expanded)
- XIII. **Control of the Crystal Growth Shape in CH₃NH₃PbBr₃ Perovskite Materials**
Le Q. V., Shin J. W., Jung J., PARK J., ÖZTÜRK A., Kim S. Y.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.17, no.11, pp.8169-8174, 2017 (SCI-Expanded)
- XIV. **Effects of Graphene Transfer and Thermal Annealing on Anticorrosive Properties of Stainless Steel**
Oh J. H., Han S., Kim T., PARK J., ÖZTÜRK A., Kim S. Y.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.17, no.11, pp.7835-7842, 2017 (SCI-Expanded)
- XV. **Mechanical and biological properties of Al₂O₃ and TiO₂ co-doped zirconia ceramics**
Agac O., Gozutok M., TÜRKÖĞLU ŞAŞMAZEL H., ÖZTÜRK A., PARK J.
CERAMICS INTERNATIONAL, vol.43, no.13, pp.10434-10441, 2017 (SCI-Expanded)
- XVI. **MoS₂-nanosheet/graphene-oxide composite hole injection layer in organic light-emitting diodes**
Park M., Thang Phan Nguyen T. P. N., Choi K. S., PARK J., ÖZTÜRK A., Kim S. Y.
ELECTRONIC MATERIALS LETTERS, vol.13, no.4, pp.344-350, 2017 (SCI-Expanded)
- XVII. **A study on microstructural characterization of the interface between apatite-wollastonite based glass ceramic and feldspathic dental porcelain**
PEKKAN G., PEKKAN K., PARK J., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.42, no.16, pp.19245-19249, 2016 (SCI-Expanded)
- XVIII. **Synthesis and enhanced photocatalytic activity of molybdenum, iron, and nitrogen triple-doped titania nanopowders**
Erdogan N., PARK J., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.42, no.15, pp.16766-16774, 2016 (SCI-Expanded)
- XIX. **Hydrothermal synthesis of 3D TiO₂ nanostructures using nitric acid: Characterization and evolution mechanism**
Erdogan N., ÖZTÜRK A., PARK J.
CERAMICS INTERNATIONAL, vol.42, no.5, pp.5985-5994, 2016 (SCI-Expanded)
- XX. **Effect of initial water content and calcination temperature on photocatalytic properties of TiO₂ nanopowders synthesized by the sol-gel process**
Agartan L., Kapusuz D., PARK J., ÖZTÜRK A.
CERAMICS INTERNATIONAL, vol.41, no.10, pp.12788-12797, 2015 (SCI-Expanded)
- XXI. **Synthesis and characterization of hydrothermally grown potassium titanate nanowires**
Kapusuz D., Kalay Y. E., Park J., Öztürk A.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.16, no.3, pp.291-297, 2015 (SCI-Expanded)
- XXII. **Silver-loaded TiO₂ powders prepared through mechanical ball milling**
Aysin B., ÖZTÜRK A., PARK J.
CERAMICS INTERNATIONAL, vol.39, no.6, pp.7119-7126, 2013 (SCI-Expanded)
- XXIII. **Boron and zirconium co-doped TiO₂ powders prepared through mechanical ball milling**
Tokmakci T., ÖZTÜRK A., PARK J.
CERAMICS INTERNATIONAL, vol.39, no.5, pp.5893-5899, 2013 (SCI-Expanded)
- XXIV. **Sol-gel synthesis and photocatalytic activity of B and Zr co-doped TiO₂**
Kapusuz D., PARK J., ÖZTÜRK A.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.74, no.7, pp.1026-1031, 2013 (SCI-Expanded)
- XXV. **Properties of alinite cement produced by using soda sludge**
Kesim A. G., TOKYAY M., YAMAN İ. Ö., ÖZTÜRK A.
ADVANCES IN CEMENT RESEARCH, vol.25, no.2, pp.104-111, 2013 (SCI-Expanded)

- XXVI. **BIOACTIVITY OF APATITE-WOLLASTONITE GLASS-CERAMICS PRODUCED BY MELTING CASTING**
PARK J., ÖZTÜRK A.
SURFACE REVIEW AND LETTERS, vol.20, no.1, 2013 (SCI-Expanded)
- XXVII. **Silicon carbide particle embedded magnesium oxychloride cement composite bricks for polishing of porcelain stoneware tiles**
ÖZTÜRK A., Timucin M.
ADVANCES IN APPLIED CERAMICS, vol.110, no.7, pp.400-408, 2011 (SCI-Expanded)
- XXVIII. **Production and characterization of magnesium oxychloride cement bricks for fine polishing of porcelain stoneware tiles**
ÖZER M. B., ÖZTÜRK A., Timucin M.
INDUSTRIAL CERAMICS, vol.31, no.2, pp.89-98, 2011 (SCI-Expanded)
- XXIX. **Preparation and photocatalytic activity of apatite-precipitated TiO₂**
Soysal K., PARK J., You S. H., Shin D. W., Bae W. T., ÖZTÜRK A.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.12, no.2, pp.176-182, 2011 (SCI-Expanded)
- XXX. **Tribological behavior of alumina-added apatite-wollastonite glass-ceramics in simulated body fluid**
PARK J., You S., Shin D., ÖZTÜRK A.
MATERIALS CHEMISTRY AND PHYSICS, vol.124, no.1, pp.113-119, 2010 (SCI-Expanded)
- XXXI. **FRICITION AND WEAR BEHAVIOR OF SELECTED DENTAL CERAMICS**
PARK J., PEKKAN G., ÖZTÜRK A.
SURFACE REVIEW AND LETTERS, vol.16, no.5, pp.653-661, 2009 (SCI-Expanded)
- XXXII. **Preparation of a transparent hydrophilic TiO₂ thin film photocatalyst**
Chun H., Park S., You S., Kang G., Bae W., Kim K., Park J., ÖZTÜRK A., Shin D.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.10, no.2, pp.219-223, 2009 (SCI-Expanded)
- XXXIII. **Effect of microstructure on the tribological properties of apatite-wollastonite glass ceramic**
Park J., ÖZTÜRK A., You S., Park S., Bae W., Shin D.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.9, no.3, pp.230-233, 2008 (SCI-Expanded)
- XXXIV. **Effect of TiO₂ addition on the crystallization and tribological properties of MgO-CaO-SiO₂-F₂O₅-F glasses**
Park J., ÖZTÜRK A.
THERMOCHIMICA ACTA, vol.470, pp.60-66, 2008 (SCI-Expanded)
- XXXV. **Tribological properties of MgO-CaO-SiO₂-P₂O₅-F-based glass-ceramic for dental applications**
Park J., Ozturk A.
MATERIALS LETTERS, vol.61, no.8-9, pp.1916-1921, 2007 (SCI-Expanded)
- XXXVI. **Determination of the influence of TiO₂ on the elastic properties of a mica based glass ceramic by ultrasonic velocity measurements**
Gur C. H., Ozturk A.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.351, pp.3655-3662, 2005 (SCI-Expanded)
- XXXVII. **Effects of liquid rubber modification on the behaviour of epoxy resin**
ÖZTÜRK A., KAYNAK C., Tincer T.
European Polymer Journal, vol.37, no.12, pp.2353-2363, 2001 (SCI-Expanded)
- XXXVIII. **Influence of Ba(PO₃)(₂) additions on the refractive index and dispersions of fluoride glasses**
Ozturk A.
GLASS TECHNOLOGY, vol.41, no.3, pp.106-108, 2000 (SCI-Expanded)
- XXXIX. **Influence of particle size of glass powder on the crystallisation kinetic parameters of a fluorophosphate glass**
Ozturk A.
PHYSICS AND CHEMISTRY OF GLASSES, vol.41, no.2, pp.71-74, 2000 (SCI-Expanded)
- XL. **The influence of Ba(PO₃)(₂) on the formation characteristics of fluorophosphate glasses**
Ozturk A.
JOURNAL OF MATERIALS SCIENCE, vol.33, no.1, pp.73-76, 1998 (SCI-Expanded)
- XLI. **Crystallization kinetics of fluorophosphate glasses .1. Effect of composition and heating rate**

- Ozturk A.
JOURNAL OF MATERIALS SCIENCE, vol.32, no.10, pp.2623-2627, 1997 (SCI-Expanded)
- XLII. **The influence of cyclic fatigue damage on the fracture toughness of carbon-carbon composites**
Ozturk A.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, vol.27, no.8, pp.641-646, 1996 (SCI-Expanded)
- XLIII. **MECHANICAL-BEHAVIOR OF A TIGHTLY WOVEN CARBON-CARBON COMPOSITE**
OZTURK A.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.4, no.3, pp.169-178, 1995 (SCI-Expanded)
- XLIV. **TENSILE FATIGUE BEHAVIOR OF TIGHTLY WOVEN CARBON CARBON COMPOSITES**
OZTURK A., MOORE R.
COMPOSITES, vol.23, no.1, pp.39-46, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **Production and biological properties of nano porous glass microparticles for anticancer drug carrier**
Ertuğ E. B., Gulbahce-Mutlu E., Alpa S., ÖZTÜRK A.
Journal of Applied Pharmaceutical Science, vol.14, no.9, pp.120-127, 2024 (Scopus)
- II. **Utilization of Robotics for Solar Cell Panel Cleaning and Maintenance**
Park H., Park H., ÖZTÜRK A., Khan M. U.
Selçuk Üniversitesi Mühendislik Bilim ve Teknoloji Dergisi, vol.7, no.4, pp.768-775, 2019 (Peer-Reviewed Journal)
- III. **Synthesis of Photocatalytic Titanium Dioxide Nanopowders Using Different Acid Catalysts**
Mohammed A. H. M., PARK J., ÖZTÜRK A.
International Journal of Mechanical and Production Engineering, vol.6, no.10, pp.48-51, 2018 (Peer-Reviewed Journal)
- IV. **TiO₂ FILMS WITH VARIOUS CRYSTAL STRUCTURES FOR SINGLE AND BILAYER PHOTOANODES OF DYE-SENSITIZED SOLAR CELLS**
ERDOĞAN N., PARK J., ÖZTÜRK A.
Eskişehir Technical University Journal of Science and Technology B-Theoretical Sciences, vol.6, no.2, pp.235-242, 2018 (Peer-Reviewed Journal)
- V. **Effect of porosity on the efficiency of DSSC produced by using nano size TiO₂ powders**
BİLGİN N., PARK J., ÖZTÜRK A.
Ceramic Engineering and Science Proceedings, vol.34, pp.67-77, 2014 (Peer-Reviewed Journal)
- VI. **Effect of H₂O TEOT Ratio on Photocatalytic Activity of Sol Gel Derived TiO₂ Powder**
LÜTFİ A., KAPUSUZ D., PARK J., ÖZTÜRK A.
Nanomaterials and Energy, vol.2, no.6, pp.280-287, 2013 (ESCI)
- VII. **Production of Potassium Titanate Whisker Reinforced Dental Composites**
KAPUSUZ D., PARK J., ÖZTÜRK A.
Ceramics Engineering and Science Proceedings, vol.34, no.6, pp.35-43, 2013 (Peer-Reviewed Journal)
- VIII. **Production and Properties of Apatite Wollastonite Ceramics for Biomedical Applications**
VAKIFAHMETOĞLU Ç., PARK J., KORKUSUZ F., ÖZTÜRK A., Timuçin M.
Interceram, vol.58, pp.86-90, 2009 (Peer-Reviewed Journal)
- IX. **Microstructure and indentation fracture toughness of mica glass ceramics**
ÖZTÜRK A.
International Journal of Microstructure and Materials Properties, vol.3, no.6, pp.780-790, 2008 (Scopus)
- X. **Influence of Particle Size of Glass Powder on the Crystallization Kinetic Parameters of Fluorophosphate Glasses**
ÖZTÜRK A.
Physics and Chemistry of Glasses, vol.41, no.2, pp.71-74, 2000 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Preparation, Characterization, and Photocatalytic Activity of Solar Light Sensitive g-C₃N₄/TiO₂ Heterojunction Nanocomposites**
ÖZTÜRK A.
SERES'21 V. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, Eskişehir, Turkey, 13 October 2021
- II. **PREPARATION, CHARACTERIZATION, and PHOTOCATALYTIC ACTIVITY of SOLAR LIGHT SENSITIVE g-C₃N₄/TiO₂ NANOCOMPOSITES**
Öztürk A.
SERES'21 V. International Ceramic, Glass, Porcelain Enamel, Glaze and Pigment Congress, Eskişehir, Turkey, 13 - 15 October 2021
- III. **Yttria Stabilized Zirconia/Clay Composites for Dental Applications**
Tufan Y., Park J., Öztürk A., Ercan B.
the 31st Conference of the European Society for Biomaterials (ESB2021), Porto, Portugal, 5 - 09 September 2021
- IV. **Preparation and Photocatalytic Activity of Solar Light Sensitive g-C₃N₄/TiO₂ Heterojunction Nanocomposites**
GÜNDOĞMUŞ P., PARK J., ÖZTÜRK A.
20. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 10 June 2021
- V. **Mechanical and Biological Properties of Tooth Colored Zirconia Ceramics Developed for Dental Applications**
ÖZTÜRK A.
Uluslararası katılımlı X. Seramik Kongresi, Afyon, Turkey, 14 - 16 October 2019
- VI. **Tribological Properties of Phase Separated Sodium Borosilicate Glasses**
ERTUŞ E. B., AHMETOĞLU Ç. V., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 25 - 27 October 2018, vol.1, pp.408-411
- VII. **Production of Photocatalytically Active TiO₂ – P2O₅ Glasses by the Sol-gel Process**
öztürk Y. C., Bouziani A., EFE M., PARK J., KALEM V., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 25 - 27 October 2018, vol.1, pp.412-415
- VIII. **Preparation of 2D g-C₃N₄/TiO₂ Heterojunction Nanocomposites for Photocatalytic Applications**
Gündoğmuş P., Bouziani A., ERDOĞAN N., PARK J., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 25 - 27 October 2018, vol.1, no.1, pp.547-550
- IX. **Dielectric Property-Microstructure Relation in Magnesium Calcium Titanate Ceramics**
Ergin M., Birer Ö., SOLAK N., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 25 - 27 October 2018, vol.1, pp.479-482
- X. **Synthesis of Photocatalytic Titanium Dioxide Nanopowders Using Different Acid Catalysts**
Mohammed A. H. M., PARK J., ÖZTÜRK A.
407th International Conference on Chemical and Biochemical Engineering, Boston, United States Of America, 16 - 17 July 2018, vol.1, pp.1-4
- XI. **Synthesis and Characterization of Nanoribbons Synthesized by Hydrothermal Process**
ERDOĞAN N., PARK J., DURKAYA G., ÖZTÜRK A.
ICAE 2017, 21 - 24 November 2017
- XII. **Synthesis of TiO₂ Nanoparticles by Hydrothermal Process**
PARK J., ÖZTÜRK A.
2017 Energy Conversion Symposium, 20 November 2017
- XIII. **Composite TiO₂ films for single and bi-layer photoanodes for dye-sensitized solar cells**
ERDOĞAN N., PARK J., ÖZTÜRK A.
NANO TR-13, 22 - 25 October 2017
- XIV. **Influence of TiO₂ Content on the Photocatalytic Activity of TiO₂ B₂O₃ Glasses Prepared by the Sol gel Process**
AKKUŞ S. C., KALEM V., PARK J., ÖZTÜRK A.

- 18 th Metallurgy and Materials Congress, 29 September - 01 October 2016
- XV. **Production of Nanoporous Glass Fiber by Selective Leaching Method**
ERTUŞ E. B., VAKIFAHMETOĞLU Ç., ÖZTÜRK A.
18 th International Metallurgy and Materials congress, 29 September - 01 October 2016
- XVI. **Production and Characterization of Yttria Stabilized Zirconia Ceramic Blocks for Dental Applications**
KAPLAN M., PARK J., ÖZTÜRK A.
18. Uluslararası Metalurji ve Malzeme Kongresi, 29 September - 01 October 2016
- XVII. **Synthesis of Molybdenum and Iron Co doped Nano Titania powders by Hydrothermal Method and their Enhanced Photocatalytic Activity**
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ÖZTÜRK A., GÜNDOĞMUŞ P., PARK J., Project Supported by Higher Education Institutions, Hafif Zırh Uygulamaları için B4C Seramiklerinin Üretimi ve Mekanik Özellikleri, 2018 - 2019

ÖZTÜRK A., ERGİN M., Project Supported by Higher Education Institutions, Görünür ışık emilimine sahip ve sudaki organik artıkları temizleyebilen TiO₂ esaslı nanotozların sentezlenmesi, 2017 - 2017

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ÖZTÜRK A., Project Supported by Higher Education Institutions, NA₂O-B₂O₃-SiO₂ SİSTEMİNDE GÖZENEKLİ CAMLARIN ÜRETİMİ VE KARAKTERİZASYONU, 2017 - 2017

ÖZTÜRK A., Project Supported by Higher Education Institutions, Hiyerarşik olarak Gözeneklendirilmiş Saydam Camların Üretimi ve Karakterizasyonu, 2016 - 2016

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ÖZTÜRK A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ÖZTÜRK A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

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Memberships / Tasks in Scientific Organizations

UPAG, Member of Advisory Board, 2021 - Continues, Turkey

Metrics

Publication: 81

Citation (WoS): 632

Citation (Scopus): 765

H-Index (WoS): 16

H-Index (Scopus): 17

Non Academic Experience

University of Missouri Rolla