

## Prof. ABDULLAH ÖZTÜRK

### Personal Information

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

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

ÖZTÜRK A., Synthesis of g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub> heterojunction composites with enhanced solar light photocatalytic activity, Postgraduate, P.Gündoğmuş(Student), 2020

ÖZTÜRK A., Dielectric property-microstructure relation in MgTiO<sub>3</sub>-CaTiO<sub>3</sub> ceramics, Postgraduate, M.Ergin(Student), 2019

ÖZTÜRK A., Hydrothermal synthesis of TiO<sub>2</sub> 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., Hydrothermal synthesis of TiO<sub>2</sub> nanostructures for photocatalytic and photovoltaic applications, Doctorate, N.ERDOĞAN(Student), 2017

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

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

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

ÖZTÜRK A., Synthesis of boron and zirconium co-doped titanium dioxide nanopowders by sol-gel technique, Postgraduate, LAĞARTAN(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

YAMAN İ. Ö. , ÖZTÜRK A., 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 B<sub>2</sub>O<sub>3</sub> 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., Influence of B<sub>2</sub>O<sub>3</sub> 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., 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 condle 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 silican 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

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effects of fluorination and thermal shock on the photocatalytic activity of Bi<sub>2</sub>O<sub>3</sub> nanopowders**  
BOUZIANI A., Park J., ÖZTÜRK A.  
Colloids and Surfaces A: Physicochemical and Engineering Aspects, vol.626, 2021 (Journal Indexed in SCI)
- II. **Enhanced methylene blue removal efficiency of TiO<sub>2</sub> embedded porous glass**  
Ertus E. B. , Vakifahmetoglu C., ÖZTÜRK A.  
JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, vol.41, no.2, pp.1530-1536, 2021 (Journal Indexed in SCI)
- III. **Preparation and photocatalytic activity of g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub> heterojunctions under solar light illumination**  
Gundogmus P., PARK J., ÖZTÜRK A.  
CERAMICS INTERNATIONAL, vol.46, no.13, pp.21431-21438, 2020 (Journal Indexed in SCI)
- IV. **Synthesis of alpha-Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **Synthesis and enhanced photocatalytic activity of nitrogen-doped triphasic TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- VII. **Alkaline Hydrothermal Synthesis, Characterization, and Photocatalytic Activity of TiO<sub>2</sub> Nanostructures: The Effect of Initial TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- VIII. **Facile synthesis of CsPbBr<sub>3</sub>/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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **Control of the Crystal Growth Shape in CH<sub>3</sub>NH<sub>3</sub>PbBr<sub>3</sub> 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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **Mechanical and biological properties of Al<sub>2</sub>O<sub>3</sub> and TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- XIV. **MoS<sub>2</sub>-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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **Hydrothermal synthesis of 3D TiO<sub>2</sub> nanostructures using nitric acid: Characterization and evolution mechanism**  
Erdogan N., ÖZTÜRK A., PARK J.  
CERAMICS INTERNATIONAL, vol.42, no.5, pp.5985-5994, 2016 (Journal Indexed in SCI)
- XVIII. **Effect of initial water content and calcination temperature on photocatalytic properties of TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- XIX. **Silver-loaded TiO<sub>2</sub> powders prepared through mechanical ball milling**  
Aysin B., ÖZTÜRK A., PARK J.  
CERAMICS INTERNATIONAL, vol.39, no.6, pp.7119-7126, 2013 (Journal Indexed in SCI)
- XX. **Sol-gel synthesis and photocatalytic activity of B and Zr co-doped TiO<sub>2</sub>**  
Kapusuz D., PARK J., ÖZTÜRK A.  
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.74, no.7, pp.1026-1031, 2013 (Journal Indexed in SCI)
- XXI. **Boron and zirconium co-doped TiO<sub>2</sub> powders prepared through mechanical ball milling**  
Tokmakci T., ÖZTÜRK A., PARK J.  
CERAMICS INTERNATIONAL, vol.39, no.5, pp.5893-5899, 2013 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **BIOACTIVITY OF APATITE-WOLLASTONITE GLASS-CERAMICS PRODUCED BY MELTING CASTING**  
PARK J., ÖZTÜRK A.  
SURFACE REVIEW AND LETTERS, vol.20, no.1, 2013 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **Preparation and photocatalytic activity of apatite-precipitated TiO<sub>2</sub>**  
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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **Preparation of a transparent hydrophilic TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **Effect of TiO<sub>2</sub> addition on the crystallization and tribological properties of MgO-CaO-SiO<sub>2</sub>-F<sub>2</sub>O<sub>5</sub>-F glasses**  
Park J., ÖZTÜRK A.  
THERMOCHIMICA ACTA, vol.470, pp.60-66, 2008 (Journal Indexed in SCI)
- XXXII. **Determination of the influence of TiO<sub>2</sub> 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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **Influence of Ba(PO<sub>3</sub>)(<sub>2</sub>) additions on the refractive index and dispersions of fluoride glasses**  
Ozturk A.  
GLASS TECHNOLOGY, vol.41, no.3, pp.106-108, 2000 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI)
- XXXVI. **The influence of Ba(PO<sub>3</sub>)(<sub>2</sub>) on the formation characteristics of fluorophosphate glasses**  
Ozturk A.  
JOURNAL OF MATERIALS SCIENCE, vol.33, no.1, pp.73-76, 1998 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **TENSILE FATIGUE BEHAVIOR OF TIGHTLY WOVEN CARBON CARBON COMPOSITES**  
OZTURK A., MOORE R.  
COMPOSITES, vol.23, no.1, pp.39-46, 1992 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Utilization od Robotics for Solar Cell Panel Cleaning and Maintanance**  
Park H., Park H., ÖZTÜRK A., Khan M. U.  
Selçuk Üniversitesi Mühendislik Bilim ve Teknoloji Dergisi, vol.7, no.4, pp.768-775, 2019 (Other Refereed National Journals)
- II. **Synthesis of Photocatalytic Titanium Dioxide Nanopowders Using Different Acid Catalysers**  
Mohammed A. H. M. , PARK J., ÖZTÜRK A.  
International Journal of Mechanical and Production Engineering, vol.6, no.10, pp.48-51, 2018 (Refereed Journals of Other Institutions)
- III. **TiO<sub>2</sub> 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 (Other Refereed National Journals)

### **IV. Effect of porosity on the efficiency of DSSC produced by using nano size TiO<sub>2</sub> powders**

BİLGİN N., PARK J., ÖZTÜRK A.

Ceramic Engineering and Science Proceedings, vol.34, pp.67-77, 2014 (Refereed Journals of Other Institutions)

### **V. 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 (Refereed Journals of Other Institutions)

### **VI. Effect of H<sub>2</sub>O TEOT Ratio on Photocatalytic Activity of Sol Gel Derived TiO<sub>2</sub> Powder**

LÜTFİ A., KAPUSUZ D., PARK J., ÖZTÜRK A.

Nanomaterials and Energy, vol.2, no.6, pp.280-287, 2013 (Refereed Journals of Other Institutions)

### **VII. 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 (Refereed Journals of Other Institutions)

### **VIII. 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 (Refereed Journals of Other Institutions)

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

### **I. 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

### **II. 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

### **III. Production of Photocatalytically Active TiO<sub>2</sub> – P2O<sub>5</sub> 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

### **IV. 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

### **V. Preparation of 2D g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub> Heterojunction Nanocomposites for Photocatalytic Applications**

Öztürk A., Park J., Gündoğmuş P., Bouziani A., Erdoğan N.

Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Turkey, 25 - 27 October 2018, vol.1, no.1, pp.547-550

### **VI. 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

### **VII. Synthesis and Characterization of Nanoribbons Synthesized by Hydrothermal Process**

ERDOĞAN N., PARK J., DURKAYA G., ÖZTÜRK A.

ICAE 2017, 21 - 24 November 2017

### **VIII. Synthesis of TiO<sub>2</sub> Nanoparticles by Hydrothermal Process**

PARK J., ÖZTÜRK A.

2017 Energy Conversion Symposium, 20 November 2017

- IX. Composite TiO<sub>2</sub> 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
- X. 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
- XI. 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
- XII. Influence of TiO<sub>2</sub> Content on the Photocatalytic Activity of TiO<sub>2</sub> B<sub>2</sub>O<sub>3</sub> 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
- XIII. Synthesis of Molybdenum and Iron Co doped Nano Titania powders by Hydrothermal Method and their Enhanced Photocatalytic Activity**  
ERDOĞAN N., PARK J., ÖZTÜRK A.  
New Trends in solar Cells Conference, 19 - 22 May 2016
- XIV. Manufacturing of sizable area and integrated dye sensitized solar cells MOSAICS supported by the Eurostars2 programme**  
Hong J., Cho J., Hong S., Lee K., Kwak K., Kim S., Sorensen A., Rodrigo Guitierrez L., PARK J., ÖZTÜRK A.  
New Trends in Solar Cells, Bratislava, Slovakia, 19 - 22 April 2016
- XV. Characterization of dental feldspathic porcelain and apatite wollastonite glass ceramic interface**  
PEKKAN G., PEKKAN K., PARK J., ÖZTÜRK A.  
IX. Seramik Kongresi, AFYON, Turkey, 25 - 27 November 2015
- XVI. Influence of TiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> Addition on Mechanical Properties of Dental Zirconia**  
AĞAÇ Ö., ÖZTÜRK A., PARK J.  
Nanotech France 2015 International Conference & Exhibition, 15 - 17 June 2015
- XVII. Production of Potassium Titanate Nanowire Reinforced UDMA TEGDMA Copolymers for Dental Applications and their properties**  
KAPUSUZ D., PARK J., ÖZTÜRK A.  
2014 MRS Fall Meeting & Exhibition, 30 November - 05 December 2014
- XVIII. SYNTHESIS OF TiO<sub>2</sub> NANOSTRUCTURES VIA HYDROTHERMAL METHOD**  
Bilgin N., Agartan L., PARK J., ÖZTÜRK A.  
Conference and Exhibition on Materials Science and Technology (MS and T), Pennsylvania, United States Of America, 12 - 16 October 2014, vol.253, pp.177-186
- XIX. PRODUCTION OF SILVER LOADED PHOTOCATALYTIC TiO<sub>2</sub> POWDERS BY BALL MILLING**  
Aysin B., PARK J., ÖZTÜRK A.  
3rd International Conference on NANOCON, Brno, Czech Republic, 21 - 23 September 2011, pp.521-526
- XX. INFLUENCE OF BORON AND/OR ZIRCONIUM DOPING ON MORPHOLOGY AND OPTICAL PROPERTIES OF TITANIA**  
Kapusuz D., PARK J., ÖZTÜRK A.  
3rd International Conference on NANOCON, Brno, Czech Republic, 21 - 23 September 2011, pp.81-87
- XXI. Production of Nano Size TiO<sub>2</sub> Sol and Highly Efficient Photocatalytic TiO<sub>2</sub> Powder by Mechanical Ball Milling**  
Corapci E., Aysin B., ÖZTÜRK A., PARK J.  
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