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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-2989-2013

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 2001 - 2007

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Turkey 1998 - 2001

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Metal Alkoksit Temelli Kompozit Materyal Sentezi ve Boya Adsorpsiyonunda Kullanımı, Inonu University, Fen Bilimleri Enstitüsü, Kimya, 2007

Postgraduate, Sulu Çözeltilerde o-Toludinin Elektrokimyasal Polimerizasyon Parametrelerinin İncelenmesi, Inonu University, Fen Bilimleri Enstitüsü, Kimya, 2001

Research Areas

Chemistry, Physical Chemistry, nanocomposites, Natural Sciences

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Engineering, Department of Materials Science and Engineering, 2012
- Continues

Academic and Administrative Experience

Akdeniz University, Faculty of Engineering, Department of Materials Science and Engineering, 2012 - Continues

Courses

Undergraduate

Kompozit Malzemeler, Undergraduate, 2013 - 2014

Malzeme Bilgisi, Undergraduate, 2013 - 2014

Genel Kimya, Undergraduate, 2013 - 2014

Genel Kimya, Undergraduate, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design of near-infrared light induced functionalized upconverting nanoparticles as support in enzyme immobilization: Enhanced biocatalyst activity and stability**
ULU A., Noma S. A. A., Kuruçay A., Topel S. D., Asiltürk M., ATEŞ B.
International Journal of Biological Macromolecules, vol.302, 2025 (SCI-Expanded)
- II. **Examining the impact of Ag-decorated CuO-H₂O nanofluid on pressure and thermal efficiency in a channel with metal foam heat sinks: an experimental study**
ÖZBALCI O., DOĞAN A., Asilturk M.
Experimental Heat Transfer, 2025 (SCI-Expanded)
- III. **Preparation, characterization of upconverting nanoparticles for uricase immobilization and controlled manipulation of uricase activity by near-infrared light**
Dik G., Ali Noma S. A., ULU A., Topel S. D., Asiltürk M., ATEŞ B.
Journal of Luminescence, vol.271, 2024 (SCI-Expanded)
- IV. **Near-infrared inducible supports in bio-catalysts design: A useful and versatile tool in enhancement of enzyme activity**
Noma S. A. A., Dik G., GÜRSES C., Kuruçay A., Topel S. D., ULU A., Asiltürk M., ATEŞ B.
Molecular Catalysis, vol.560, 2024 (SCI-Expanded)
- V. **In vivo assessment of the toxic impact of exposure to magnetic iron oxide nanoparticles (IONPs) using Drosophila melanogaster**
Güneş M., Aktaş K., Yalçın B., Burgazlı A. Y., Asilturk M., ERDEM ÜNŞAR A., KAYA B.
Environmental Toxicology and Pharmacology, vol.107, 2024 (SCI-Expanded)
- VI. **Enhancement of enzyme activity by laser-induced energy propulsion of upconverting nanoparticles under near-infrared light: A comprehensive methodology for in vitro and in vivo applications**
ATEŞ B., ULU A., Asiltürk M., Noma S. A. A., Topel S. D., Dik G., ÖZHAN O., Bakar B., YILDIZ A., VARDI N., et al.
International Journal of Biological Macromolecules, vol.260, 2024 (SCI-Expanded)
- VII. **Investigation of the effect of matrix-interface formed with silane-based coupling agents on physico-chemical behavior and flow distance of dental composites**
Acar Z. Y., Kocyigit M. T., Asilturk M.
JOURNAL OF MOLECULAR LIQUIDS, vol.378, 2023 (SCI-Expanded)
- VIII. **Effects of doping on the thermophysical properties of Ag and Cu doped TiO₂ nanoparticles and their nanofluids**
Koçak Soylu S., Yeşil Acar Z., Asiltürk M., ATMACA İ.
Journal of Molecular Liquids, vol.368, 2022 (SCI-Expanded)
- IX. **Development of nanohybrid dental composite containing mesoporous carrier silica particles: Synthesis particles, determination of fluoride adsorption capacities, and addition of the composite**
Yeşil Acar Z., Tunç Koçyiğit M., Asiltürk M.
Polymer Composites, vol.43, no.11, pp.8545-8559, 2022 (SCI-Expanded)
- X. **Preparation of ceria by combined sol-gel and hydrothermal method: insights from the effects of different bases on the particle size distribution**
Yeşil Acar Z., Asiltürk M., ARPAÇ E.
Chemical Papers, vol.76, no.8, pp.4927-4939, 2022 (SCI-Expanded)
- XI. **Experimental Study of Thermal and Pressure Performance of Porous Heat Sink Subjected to Al₂O₃-**

H2O Nanofluid

Ozbalci O., Dogan A., Asilturk M.

Electronics (Switzerland), vol.11, no.15, 2022 (SCI-Expanded)

- XII. **Heat Transfer Performance of Plate Fin and Pin Fin Heat Sinks Using Al₂O₃/H₂O Nanofluid in Electronic Cooling**
Özbalcı O., Dogan A., Asiltürk M.
Processes, vol.10, no.8, 2022 (SCI-Expanded)
- XIII. **An investigation on the influence of hydrolysis ratio and base type on the characterization of synthesised nano-TiO₂ by using sol-gel method**
Acar Z. Y., Asiltürk M.
Journal of Nanoparticle Research, vol.24, no.8, 2022 (SCI-Expanded)
- XIV. **Thermal Performance Testing of a Solar Water Heating System Using Core-Shell Structured Nanofluids**
ATMACA İ., Özdemir O. S., ÇAĞLAR A., Koçak Soylu S., Asiltürk M.
Nanoscale and Microscale Thermophysical Engineering, vol.26, no.4, pp.218-241, 2022 (SCI-Expanded)
- XV. **Adsorption Isotherms, Thermodynamics, and Kinetic Modeling of Methylene Blue onto Novel Carbonaceous Adsorbent Derived from Bitter Orange Peels**
Gunay Gurer A., AKTAŞ K., Ozkaleli Akcetin M., ERDEM ÜNŞAR A., ASİLTÜRK M.
WATER AIR AND SOIL POLLUTION, vol.232, no.4, 2021 (SCI-Expanded)
- XVI. **Cellulose acetate encapsulated upconversion nanoparticles - A novel theranostic platform**
Topel S. D., Balcioğlu S., Ateş B., Asiltürk M., Topel Ö., Ericson M. B.
MATERIALS TODAY COMMUNICATIONS, vol.26, 2021 (SCI-Expanded)
- XVII. **Evaluation on reducing toxicity of fluoxastrobin with doped TiO₂ nanoparticles**
GÜNGÖRDÜ A., ÖZMEN N., ERDEMOĞLU S., ÖZHAN TURHAN D., ASİLTÜRK M., AKGEYİK E., ÖZMEN M.
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.1, pp.11-24, 2021 (SCI-Expanded)
- XVIII. **Improving heat transfer performance of an automobile radiator using Cu and Ag doped TiO₂ based nanofluids**
Soylu S. K., ATMACA İ., ASİLTÜRK M., DOĞAN A.
APPLIED THERMAL ENGINEERING, vol.157, 2019 (SCI-Expanded)
- XIX. **Investigation of The Effect Of TiO₂ Based Nanofluid Usage on Heat Transfer Performance in Automobile Radiator**
KOÇAK SOYLU S., ATMACA İ., ASİLTÜRK M., DOĞAN A.
APPLIED THERMAL ENGINEERING, vol.157, pp.1-9, 2019 (SCI-Expanded)
- XX. **Three-Dimensional Nano-Morphology of Carbon Nanotube/Epoxy Filled Poly(methyl methacrylate) Microcapsules**
Icduygu M. G., Asilturk M., Yalcinkaya M. A., Hamidi Y. K., Altan M. C.
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- XXI. **Photocatalytic degradation of azo dye using core@shell nano-TiO₂ particles to reduce toxicity**
ÖZMEN N., ERDEMOĞLU S., GÜNGÖRDÜ A., ASİLTÜRK M., Turhan D. O., Akgeyik E., Harper S. L., ÖZMEN M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, no.29, pp.29493-29504, 2018 (SCI-Expanded)
- XXII. **Toxicological aspects of photocatalytic degradation of selected xenobiotics with nano-sized Mn-doped TiO₂**
ÖZMEN M., GÜNGÖRDÜ A., ERDEMOĞLU S., ÖZMEN N., ASİLTÜRK M.
AQUATIC TOXICOLOGY, vol.165, pp.144-153, 2015 (SCI-Expanded)
- XXIII. **Effects of coating with different ceromers on the impact strength, transverse strength and elastic modulus of polymethyl methacrylate**
Gul E. B., Atala M. H., Eser B., Polat N. T., ASİLTÜRK M., GÜLTEK A.
DENTAL MATERIALS JOURNAL, vol.34, no.3, pp.379-387, 2015 (SCI-Expanded)
- XXIV. **Preparation, Characterization and Photocatalytic Activities of TiO₂-coated Activated Carbon Catalysts for Rhodamine B Photodegradation**
ASİLTÜRK M., Sener S., Sener E.

- BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.36, no.2, pp.455-463, 2015 (SCI-Expanded)
- XXV. **Synthesis of magnetic multicomponent nanoparticles $Cu_xNi_{1-x}Fe_2O_4$**
BİNGÖLBALI A., Dogan N., YESİL Z., ASİLTÜRK M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.373, pp.222-225, 2015 (SCI-Expanded)
- XXVI. **Production of stable hydrosols of crystalline TiO_2 nanoparticles synthesized at relatively low temperatures in diverse media**
BURUNKAYA E., Akarsu M., ÇAMURLU H. E., KESMEZ O., YEŞİL Z., ASİLTÜRK M., ARPAÇ E.
Applied Surface Science, vol.265, pp.317-323, 2013 (SCI-Expanded)
- XXVII. **IMMOBILIZATION OF GLUCOSE OXIDASE IN SILICA SOL-GEL FILM FOR APPLICATION TO BIOSENSOR AND AMPEROMETRIC DETERMINATION OF GLUCOSE**
DEMİRKIRAN N., EKİNCİ E., ASİLTÜRK M.
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.57, no.4, pp.1336-1339, 2012 (SCI-Expanded)
- XXVIII. **Hydrophilic hybrid SiO_2 :polyethylene glycol-3-isocyanato-propyltriethoxysilane nanocomposite films**
BURUNKAYA E., Kesmez Ö., KİRAZ N., ÇAMURLU H. E., Asilturk M., ARPAÇ E.
THIN SOLID FILMS, vol.522, pp.238-246, 2012 (SCI-Expanded)
- XXIX. **Sol-gel thin films with anti-reflective and self-cleaning properties**
ÇAMURLU H. E., Kesmez Ö., BURUNKAYA E., KİRAZ N., Yeşil Z., Asilturk M., ARPAÇ E.
CHEMICAL PAPERS, vol.66, no.5, pp.461-471, 2012 (SCI-Expanded)
- XXX. **TiO_2 -activated carbon photocatalysts: Preparation, characterization and photocatalytic activities**
ASİLTÜRK M., Sener S.
CHEMICAL ENGINEERING JOURNAL, vol.180, pp.354-363, 2012 (SCI-Expanded)
- XXXI. **Effect of acid, water and alcohol ratios on sol-gel preparation of antireflective amorphous SiO_2 coatings**
Kesmez Ö., BURUNKAYA E., KİRAZ N., ÇAMURLU H. E., Asilturk M., ARPAÇ E.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.357, no.16-17, pp.3130-3135, 2011 (SCI-Expanded)
- XXXII. **Preparation of Sn doped nanometric TiO_2 powders by reflux and hydrothermal syntheses and their characterization**
KİRAZ N., BURUNKAYA E., Kesmez Ö., ÇAMURLU H. E., Asilturk M., Yeşil Z., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.59, no.2, pp.381-386, 2011 (SCI-Expanded)
- XXXIII. **Structural and optical properties of thin films prepared from surface modified ZrO_2**
Asilturk M., BURUNKAYA E., Sayilkan F., KİRAZ N., ARPAÇ E.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.357, no.1, pp.206-210, 2011 (SCI-Expanded)
- XXXIV. **Antibacterial glass films prepared on metal surfaces by sol-gel method**
KİRAZ N., Kesmez Ö., BURUNKAYA E., Budama L., ACAR B., Asilturk M., ÇAMURLU H. E., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.56, no.3, pp.227-235, 2010 (SCI-Expanded)
- XXXV. **Effect of amine catalysts on preparation of nanometric SiO_2 particles and antireflective films via sol-gel method**
Kesmez Ö., KİRAZ N., BURUNKAYA E., ÇAMURLU H. E., Asilturk M., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.56, no.2, pp.167-176, 2010 (SCI-Expanded)
- XXXVI. **Sol-gel synthesis of IPTES and D10H consisting fluorinated silane system for hydrophobic applications**
BURUNKAYA E., KİRAZ N., Kesmez Ö., Asilturk M., ÇAMURLU H. E., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.56, no.2, pp.99-106, 2010 (SCI-Expanded)
- XXXVII. **Sol-gel synthesis of 3-(triethoxysilyl)propylsuccinicanhydride containing fluorinated silane for hydrophobic surface applications**
KİRAZ N., BURUNKAYA E., Kesmez Ö., Asilturk M., ÇAMURLU H. E., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.56, no.2, pp.157-166, 2010 (SCI-Expanded)
- XXXVIII. **Preparation of aluminum-doped zinc oxide (AZO) nano particles by hydrothermal synthesis**
BURUNKAYA E., KİRAZ N., KESMEZ O., ÇAMURLU H. E., Asilturk M., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.55, no.2, pp.171-176, 2010 (SCI-Expanded)
- XXXIX. **Roasting-Related Changes in Oxidative Stability and Antioxidant Capacity of Apricot Kernel Oil**

DURMAZ G., KARABULUT İ., TOPCU A., ASİLTÜRK M., Kutlu T.

JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.87, no.4, pp.401-409, 2010 (SCI-Expanded)

- XL. **Sn⁴⁺ or Ce³⁺ doped TiO₂ photocatalytic nanometric films on antireflective nano-SiO₂ coated glass**
BURUNKAYA E., KESMEZ O., KİRAZ N., ÇAMURLU H. E., ASİLTÜRK M., ARPAÇ E.
MATERIALS CHEMISTRY AND PHYSICS, vol.120, no.2-3, pp.272-276, 2010 (SCI-Expanded)
- XLI. **Hydrothermal synthesis and characterization of nanocrystalline ZrO₂ and surface modification with 2-acetoacetoxyethyl methacrylate**
Sayilkan F., Asilturk M., Burunkaya E., ARPAÇ E.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.51, no.2, pp.182-189, 2009 (SCI-Expanded)
- XLII. **Photocatalytic antibacterial performance of Sn⁴⁺-doped TiO₂ thin films on glass substrate**
Sayilkan F., Asilturk M., KİRAZ N., BURUNKAYA E., ARPAÇ E., Sayilkan H.
JOURNAL OF HAZARDOUS MATERIALS, vol.162, no.2-3, pp.1309-1316, 2009 (SCI-Expanded)
- XLIII. **Effect of Fe³⁺ ion doping to TiO₂ on the photocatalytic degradation of Malachite Green dye under UV and vis-irradiation**
Asilturk M., Sayilkan F., ARPAÇ E.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.203, no.1, pp.64-71, 2009 (SCI-Expanded)
- XLIV. **Photocatalytic degradation of Congo Red by hydrothermally synthesized nanocrystalline TiO₂ and identification of degradation products by LC-MS**
ERDEMOĞLU S., Aksu S. K., Sayilkan F., İZGİ B., ASİLTÜRK M., Sayilkan H., Frimmel F., Guecer S.
JOURNAL OF HAZARDOUS MATERIALS, vol.155, no.3, pp.469-476, 2008 (SCI-Expanded)
- XLV. **Photocatalytic performance of Sn-doped TiO₂ nanostructured thin films for photocatalytic degradation of malachite green dye under UV and VIS-lights**
Sayilkan F., Asilturk M., TATAR P., KİRAZ N., ŞENER S., ARPAÇ E., Sayilkan H.
MATERIALS RESEARCH BULLETIN, vol.43, no.1, pp.127-134, 2008 (SCI-Expanded)
- XLVI. **Preparation of re-usable photocatalytic filter for degradation of Malachite Green dye under UV and vis-irradiation**
SAYILKAN F., Asilturk M., TATAR P., Kiraz N., Arpac E., SAYILKAN H.
JOURNAL OF HAZARDOUS MATERIALS, vol.148, no.3, pp.735-744, 2007 (SCI-Expanded)
- XLVII. **Antibacterial thin films on glass substrate by sol-gel process**
TATAR P., Kiraz N., Asilturk M., SAYILKAN F., SAYILKAN H., Arpac E.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.17, no.3, pp.525-533, 2007 (SCI-Expanded)
- XLVIII. **Photocatalytic performance of Sn-doped TiO₂ nanostructured mono and double layer thin films for Malachite Green dye degradation under UV and vis-lights**
SAYILKAN F., Asilturk M., TATAR P., Kiraz N., Arpac E., SAYILKAN H.
JOURNAL OF HAZARDOUS MATERIALS, vol.144, no.1-2, pp.140-146, 2007 (SCI-Expanded)
- XLIX. **Photocatalytic performance of Sn-doped and undoped TiO₂ nanostructured thin films under UV and vis-lights**
Arpac E., SAYILKAN F., Asilturk M., TATAR P., Kiraz N., SAYILKAN H.
JOURNAL OF HAZARDOUS MATERIALS, vol.140, no.1-2, pp.69-74, 2007 (SCI-Expanded)
- L. **Hydrothermal synthesis, characterization and photocatalytic activity of nanosized TiO₂ based catalysts for rhodamine B degradation**
Sayilkan F., ASİLTÜRK M., Şener S., Erdemoğlu S., Erdemoğlu M., Sayilkan H.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.2, pp.211-221, 2007 (SCI-Expanded)
- LI. **Photocatalytic performance of pure anatase nanocrystallite TiO₂ synthesized under low temperature hydrothermal conditions**
Sayilkan F., Erdemoğlu S., Asilturk M., Akarsu M., Şener S., Sayilkan H., Erdemoğlu M., Arpac E.
MATERIALS RESEARCH BULLETIN, vol.41, no.12, pp.2276-2285, 2006 (SCI-Expanded)
- LII. **Characterization of the hydrothermally synthesized nano-TiO₂ crystallite and the photocatalytic degradation of Rhodamine B**

- Asilturk M., Sayilkan F., Erdemođlu S., Akarsu M., Sayilkan H., Erdemođlu M., Arpac E.
JOURNAL OF HAZARDOUS MATERIALS, vol.129, no.1-3, pp.164-170, 2006 (SCI-Expanded)
- LIII. **The synthesis and application of Pb-doped GLYMO/chelated-zirconium complex coating materials for UV-light absorption**
ASİLTÜRK M., Sayilkan F., Sayilkan H., Icduygu G.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.99, no.3, pp.1175-1179, 2006 (SCI-Expanded)
- LIV. **Characterization and photocatalytic properties of TiO₂-nanosols synthesized by hydrothermal process at low temperature**
Sayilkan F., Asilturk M., Erdemođlu S., Akarsu M., Sayilkan H., Erdemođlu M., Arpac E.
MATERIALS LETTERS, vol.60, no.2, pp.230-235, 2006 (SCI-Expanded)
- LV. **A novel approach to the hydrothermal synthesis of anatase Titania nanoparticles and the photocatalytic degradation of rhodamine B**
Akarsu M., Asilturk M., Sayilkan F., Kiraz N., Arpac E., Sayilkan H.
TURKISH JOURNAL OF CHEMISTRY, vol.30, no.3, pp.333-343, 2006 (SCI-Expanded)
- LVI. **UV-absorption and thermal properties of Pb-doped glymo/damo-derived coating materials prepared by sol-gel process**
Sayilkan F., ASİLTÜRK M., İcduygu M. G., Sayilkan H.
JOURNAL OF MATERIALS SCIENCE, vol.40, no.21, pp.5779-5782, 2005 (SCI-Expanded)
- LVII. **The effect of silane modification on the adsorptive properties of natural pyrophyllite and synthetic titanium-based powders prepared by the sol-gel process**
Şener Ş., Erdemođlu M., ASİLTÜRK M., Sayilkan H.
TURKISH JOURNAL OF CHEMISTRY, vol.29, no.5, pp.487-495, 2005 (SCI-Expanded)
- LVIII. **The synthesis and applications of Cr-doped GLYMO and GLYMO/DAMO surface coating systems for absorbing UV-light by sol-gel process**
ASİLTÜRK M., Sayilkan F., Icduygu G., Sayilkan H.
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- LIX. **Characterization of TiO₂ synthesized in alcohol by a sol-gel process: The effects of annealing temperature and acid catalyst**
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Articles Published in Other Journals

- I. **ARSENIC REMOVAL TECHNOLOGIES: MAPPING GLOBAL RESEARCH ACTIVITIES (1970-2019)**
Aktaş K., Karadirek İ. E., Göktepe D. H., Asiltürk Ersoy M., Erdem Ünşar A.
Kocaeli Journal of Science and Engineering, vol.5, no.1, pp.42-53, 2022 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Nanoakışkanlar ve Güneş Enerjili Sıcak Su Sistemlerinde Kullanımı**
ATMACA İ., KOÇAK SOYLU S., ÖZDEMİR O. S., ASİLTÜRK M.
8. Güneş Enerjisi Sistemleri Sempozyumu ve Sergisi, Mersin, Turkey, 8 - 09 November 2019
- II. **Al₂O₃-Su Nanoakışkan Kullanımının Isınan Bir Yüzeyden Olan Isı Transferine Etkisinin Deneysel Olarak İncelenmesi**
ÖZBALCI O., DOĞAN A., ASİLTÜRK M.
22. Isı Bilimi ve Tekniđi Kongresi, Kocaeli, Turkey, 11 - 14 September 2019, pp.35-40
- III. **Dye adsorption on activated carbon produced from Citrus aurentium peels**
Aktaş K., Günay A., Özkaleli M., Asiltürk Ersoy M., Erdem Ünşar A.
1st Eurasia Environmental Chemistry Congress (EnviroChem), Antalya, Turkey, 1 - 04 November 2018, pp.49

- IV. **Kinetic study of dye adsorption on activated carbon produced from bitter orange peels**
GÜNAY A., AKTAŞ K., ÖZKALELİ M., ASİLTÜRK M., ERDEM A.
4th International Conference on Environmental Science and Technology, Kiev, Ukraine, 19 - 23 September 2018, vol.-
- V. **Activated carbon production from local agricultural residue**
GÜNAY A., AKTAŞ K., ÖZKALELİ M., ASİLTÜRK M., ERDEM A.
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- VI. **Kinetic study of dye adsorption on activated carbon produced from bitter orange peels**
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- VII. **Kinetic Study of Dye Adsorption on Activated Carbon Produced from Bitter Orange Peels**
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- VIII. **Activated Carbon Production from Local Agricultural Resid**
Günay A., Aktaş K., Özkaleli M., Asiltürk Ersoy M., Erdem Ünşar A.
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- IX. **Nanopartikül tutturulmuş aktif karbon ile ortam havasında uçucu organik bileşik gideriminin değerlendirilmesi**
Olgun B., Erdem Ünşar A., Asiltürk Ersoy M., Doğan G.
VII. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu, Antalya, Turkey, 1 - 03 November 2017, pp.1-12
- X. **Effect of Total Filler Content and Micron Particle Size on Biomachanical Performance of Nanohybrid Composite Developed for Potential Dental Applications**
YEŞİL ACAR Z., KİRAZ N., ASİLTÜRK M.
V. Uluslararası Polimerikler Sempozyumu ve Çalıştayları, İzmir, Turkey, 2 - 04 November 2017
- XI. **Magnetic-Upconversion Fe₃O₄-NaGdF₄,Yb₃,Er₃ Luminescence Nanocomposites: Synthesis, Magnetization, Optical Properties And Cytotoxicity**
Demirel Topel S., DOĞAN BİNGÖLBALİ N., ATEŞ B., TOPEL Ö., ASİLTÜRK M.
13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.167
- XII. **Synthesis and Characterization of Neodymium Sensitized Upconversion Nanoparticles for Bioimaging Applications**
TOPEL Ö., Demirel Topel S., ASİLTÜRK M.
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- XIII. **Development of Multifunctional Cellulose Acetate Micro/Nanocapsules as pH-Responsive Drug Carriers**
DEMİREL TOPEL S., ASİLTÜRK M., TOPEL Ö.
13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.37
- XIV. **Toxic Equivalency Approach for Risk Assessment of Polyaromatic Hydrocarbons, Antalya, Turkey Case Study**
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