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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 1992 - 1996

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 1989 - 1992

Foreign Languages

English

Dissertations

Doctorate, Değişik sorbentler yardımıyla baca gazlarından kükürt dioksitin giderilmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 1996

Postgraduate, Kömürün kısa analizinin TGA yöntemiyle saptanması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 1992

Research Areas

Technical Sciences, Chemical Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, Enerji Enstitüsü, Yenilenebilir Enerji Anabilim Dalı, 2011 - Continues

Associate Professor, Istanbul Technical University, Enerji Enstitüsü, Yenilenebilir Enerji Anabilim Dalı, 2009 - 2011

Assistant Professor, Istanbul Technical University, Enerji Enstitüsü, Yenilenebilir Enerji Anabilim Dalı, 2007 - 2008

Research Assistant, Istanbul Technical University, Kimya Mühendisliği Bölümü, 1991 - 2006

Jury Memberships

Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2017

Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2017
Associate Professor Exam, Doçentlik Sınav Jürisi, İTÜ, March, 2017
Post Graduate, Tez Savunma Jürisi, İTÜ, December, 2016
Doctorate, Tez Savunma Jürisi, Sabancı Üniversitesi, January, 2016
Post Graduate, Tez Savunma Jürisi, İTÜ, January, 2016
Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2015
Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2011
Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2011
Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2011
Post Graduate, Tez Savunma Jürisi, İTÜ, June, 2011
Doctorate, Tez Savunma Jürisi, İTÜ, March, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Improving the properties of indium tin oxide thin films by the incorporation of carbon nanotubes with solution-based techniques**
Gokceli G., Karatepe N.
Thin Solid Films, vol.697, 2020 (SCI-Expanded)
- II. **Structural properties of graphene oxide fibers: from graphene oxide dispersion until continuous graphene oxide fiber**
Uçar N., ÖLMEZ M., Kayaoğlu B., Önen A., Karatepe Yavuz N., Eksik O.
Journal of the Textile Institute, vol.109, no.12, pp.1642-1652, 2018 (SCI-Expanded)
- III. **Graphene oxide and graphene fiber produced by different nozzle size, feed rate and reduction time with vitamin C**
Uçar N., Gökçeli G., Yüksek İ. Ö., Onen A., Yavuz N.
JOURNAL OF INDUSTRIAL TEXTILES, vol.48, no.1, pp.292-303, 2018 (SCI-Expanded)
- IV. **The effect of exfoliation and plasma application on the properties of continuous graphene oxide fiber**
Uçar N., Can E., Yüksek İ. Ö., Ölmez M., Onen A., Yavuz N.
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, vol.25, no.10, pp.570-575, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Single-Walled Carbon Nanotube Doped Pectin Hydrogels for Wound Dressing Applications**
Yılmaz A., Güner Yılmaz Ö. Z., Bozoğlu S., Yavuz N., Güner F. S.
14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.105
- II. **Development of New Phthalocyanine-Based Hole Transport Materials for High Efficient and Stable Perovskite Solar Cells**
Dalkılıç Z., YAVUZ N., KALKAN BURAT A., Lee C. B., Choi H.
International Conference on Perovskite and Organic Photovoltaics and Optoelectronics, Japan, 27 - 29 January 2019
- III. **A Comparative Study of MWCNT and SWCNT Incorporation to ITO Electrodes for Solar Cells**
GÖKÇELİ G., EKSİK O., ÖZKAN ZAYİM E., YAVUZ N.
ICAFNECS 2019 : International Conference on Applications of Functional Nanomaterials for Energy Conversion and Storage, 21 - 22 January 2019, pp.1026-1029
- IV. **Synthesis Of Carbon Nanotube via Chemical Vapor Deposition Method on Silica Particles For Lithium Ion Battery Anode Materials**
demirci s., YAVUZ N., YAVUZ R.
7th Global Conference on Global Warming (GCGW-2018), Izmir, 24-28 June 2018, 24 - 28 July 2018

- V. **Investigation of Modified Graphite as Anode Material for Lithium-Ion Batteries**
AKIN N., GÖKÇELİ G., EKSİK O., YAVUZ N.
7th Global Conference on Global Warming (GCGW), 24 - 28 June 2018
- VI. **Effect of Hydrogen Reduction on Transparent Conductive ITO Electrodes**
GÖKÇELİ G., YAVUZ N.
7th Global Conference on Global Warming (GCGW), 24 - 28 June 2018
- VII. **Effect of PVA Addition on SO₂ Adsorption Properties of GO Fibers**
Yüksek İ. Ö., Alptoga O., Altay P., Karatepe N., Onen A., Uçar N.
18th World Textile Conference (AUTEX), İstanbul, Turkey, 20 - 22 June 2018, vol.460
- VIII. **Pyrene-functionalized Carbon Nanotubes as Emerging Nanocarriers: Insight From Experimental and Molecular Dynamic Simulation**
MERAN M., BAYSAK E., KÜRKCÜOĞLU LEVİTAS A. Ö., HIZAL G., YAVUZ N., GÜNER F. S.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- IX. **Synthesis of Fe₂O₃/Boron Doped Holey Graphene Nanocomposite as a Highly Active Catalyst for Lithium-Air Batteries**
Atilla P., KARDAŞ G., FARSAK M., YAVUZ N.
14TH INTERNATIONAL CONFERENCE ON ENERGY STORAGE, 25 - 28 April 2018
- X. **Investigation on SO₂ Adsorption Capacity of Graphene Oxide Fibers with Activated Carbon Particles and Metal Salt**
ALTAY P., Alptoga Ö., YÜKSEK İ. Ö., ÖNEN H. A., YAVUZ N., UÇAR N.
8th International İstanbul Textile Conference - Evolution Technical Textile (ETT2018), 14 - 16 April 2018
- XI. **Development of Indium Tin Oxide-Carbon Nanotube Hybrid Transparent Conductive Electrodes for Solar Cells**
GÖKÇELİ G., MOHSENI TABATABAEI A., ÖZKAN ZAYİM E., YAVUZ N.
INERMA "Uluslararası Enerji Hammaddeleri ve Enerji Zirvesi", 27 - 30 September 2017
- XII. **Investigation of CO₂ Adsorption Capacities of Activated Carbons Prepared from Olive Stone by H₃PO₄ activation**
BETON İ., GÖKÇELİ G., YAVUZ R., YAVUZ N.
INERMA "Uluslararası Enerji Hammaddeleri ve Enerji Zirvesi", 27 - 30 September 2017
- XIII. **Doxorubicin Loaded Carbon Nanotubes as Multimodal Nanocarriers for Cancer Treatment**
Meran M., Akkuş P. D., Kürkcüoğlu Levitas A. Ö., Yavuz N., Hızal G., Güner F. S.
5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017, pp.1
- XIV. **In Vitro Cytotoxicity of Multiwalled Carbon Nanotubes as Protein Nanocarriers**
ÜNLÜ A., DİNÇ B., Partovi Meran M., YAVUZ N., BEKTAŞ M.
5th International Bau Drug Design Congress , Novel Methods and Emerging Targets in Drug Discovery Patented Drug Development, 19 - 21 October 2017, pp.41
- XV. **Investigation of CO₂ adsorption capacities of chemically activated carbons from olive stones**
beton i., gökçeli g., YAVUZ R., YAVUZ N.
INERMA, International Energy Raw Materials and Energy Summit, 27 - 30 September 2017
- XVI. **Investigation of CO₂ Adsorption Capacities of Chemically Activated Carbons Prepared from Olive Stone**
Beton İ., GÖKÇELİ G., YAVUZ R., YAVUZ N.
International Energy Raw Materials and Energy Summit, 27 - 30 September 2017
- XVII. **Diameter-Controlled Synthesis of Single Wall Carbon Nanotubes by Catalytic Decomposition of Acetylene on Bimetallic Co-Mo Catalysts**
Gerçek A., YAVUZ N.
International Energy Raw Materials and Energy Summit, 27 - 30 September 2017
- XVIII. **Peg Modified Single-Walled Carbon Nanotubes: Molecular Dynamics Simulations and Experimental Approach**
Meran M., Akkuş P. D., Kürkcüoğlu Levitas A. Ö., Yavuz N., Hızal G., Güner F. S.

3rd International Porous and Powder Materials Symposium and Exhibition PPM 2017, İzmir, Turkey, 12 - 15 September 2017, pp.1

- XIX. **Effective Mixed Chromatography Method to Separation of Large/Small Diameter Semiconducting Single Walled Carbon Nanotubes**
Ordokhani F., Atlibatur R., GÜRSEL Y., EKSİK O., YAVUZ N.
International ConferenceExhibition on Advanced and Nanomaterials, 7 - 09 September 2017, pp.25-32
- XX. **Enhanced Desorption System for Separation of Metallic-Single Walled Carbon Nanotubes**
Atlibatur R., Ordokhani F., GÜRSEL Y., EKSİK O., YAVUZ N.
International ConferenceExhibition on Advanced and Nanomaterials, 7 - 09 September 2017, pp.77-80
- XXI. **Enhanced Desorption System for Separation of Metallic-Single Walled Carbon Nanotube**
Atlibatur R., Ordokhani F., GÜRSEL Y., EKSİK O., YAVUZ N.
ICANM 2017 International Conference and Exhibition on Advanced Nano Materials, Toronto, Canada, 7 - 09 August 2017
- XXII. **Effects of the Coagulation bath and reduction process on SO₂ adsorption capacity of graphene oxide fiber**
Özge A., UÇAR N., YAVUZ N., ÖNEN H. A.
ICTETT 2017: 19 th International Conference on Textile Engineering and textile Testing, 21 June 2017
- XXIII. **Adsorption of SO₂ on metal doped graphene oxide fibers**
Özge A., UÇAR N., YAVUZ N., ÖNEN H. A.
16. Uluslararası Tekstil teknolojisi ve Kimyasındaki Son gelişmeler Sempozyumu, 04 May 2017
- XXIV. **Graphene Oxide Fiber with Different Exfoliation Time and Activated Carbon Particle**
UÇAR N., Ölmez M., Alptoga Ö., YAVUZ N., ÖNEN H. A.
ICTMT 2016 : 18th International Conference on Textile Materials andTechnologies, 19 - 20 December 2016
- XXV. **Radyoaktif İzleme Tekniği İle Selenyumun Sulu Ortamlardan Eliminasyonunun Değerlendirilmesi**
Tuğrul A. B., Hacıyakupoğlu S., Yavuz N., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.
XI. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi, Ankara, Turkey, 12 - 14 October 2016, vol.1, pp.1-5
- XXVI. **Usage of Surface Modified MoO_x/ VACNT Buffer Layer in Organic Solar Cells**
Dalkılıç Z., Yavuz N., Tabatabaei Mohseni A. T. M., Çolak F.
6th EuCheMS Chemistry Congress, Seville, Spain, 11 - 15 September 2016, pp.305
- XXVII. **Preparation of Transparent and Conductive Films of Carbon Nanotubes for Organic Solar Cells**
Ürper O., Yavuz N.
5th International Conference on Nanotechnology (ICN-2016), İstanbul, Turkey, 1 - 02 September 2016, pp.435
- XXVIII. **Preparation Carbon Nanotubes for Organic Solar Cells**
ÜRPER O., YAVUZ N.
5th International Conference on Nanotechnology (ICN-2016), 1 - 02 September 2016
- XXIX. **Development of Gel Chromatography Method for High Yield Metal/Semiconductor Separation of Carbon Nanotubes**
Atlibatur R., Ordokhani F., Gürsel Y., Yavuz N.
Seventeenth International Conference on the Science and Application of Nanotubes and Low-Dimensional Materials (NT16), Viyana, Austria, 7 - 13 August 2016, pp.112
- XXX. **Effective separation of metallic and semiconducting single-wall carbon nanotubes by using binary hydrogels**
Ordokhani F., Atlibatur R., Gürsel Y., Yavuz N.
Seventeenth International Conference on the Science and Application of Nanotubes and Low-Dimensional Materials (NT16), Viyana, Austria, 7 - 13 August 2016, pp.111
- XXXI. **Improvement of Surface Properties of VACNT/MoO_x Buffer Layer for High Efficient Solar Cells**
Dalkılıç Z., Çolak F., Tabatabaei Mohseni A., Yavuz N.
Seventeenth International Conference on the Science and Application of Nanotubes and Low-Dimensional Materials (NT16), Viyana, Austria, 7 - 13 August 2016, pp.105
- XXXII. **Hybrid Graphene/Carbon Nanotube Films as Transparent Conductors**
Çolak F., Tabatabaei Mohseni A., Yavuz N.

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- XXXIII. **In vitro cytotoxicity of PEG modified single walled carbon nanotubes**
MERAN m., ÜNLÜ A., HIZAL G., YAVUZ N., KÜRKÇÜOĞLU LEVİTAS A. Ö., GÜNER F. S.
MACRO 2016 - 46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XXXIV. **Preparation of PEG Modified Single Walled Carbon Nanotubes CNT and PEG Chain Length Effect**
ÜNLÜ A., MERAN m., HIZAL G., YAVUZ N., GÜNER F. S.
MACRO 2016 - 46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XXXV. **Preparation of PEG Modified Single Walled Carbon Nanotubes CNT and PEG Chain Length Effect**
ÜNLÜ A., meran m. p., HIZAL G., YAVUZ N., GÜNER F. S.
Macro 2016, 17 - 21 July 2016
- XXXVI. **Continuous Graphene Oxide Fiber**
UÇAR N., ölmez m., can e., ÖNEN H. A., mehmedi z., YAVUZ N.
12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016
- XXXVII. **MoOx Doped Single Walled Carbon Nanotube Films as Hole Transport Layer for Organic Solar Cells**
Atlıbatur R., Colak F., Dalkılıç Z., Tatatabai A., ÇOLAK Ü., ARICI E. Ü., YAVUZ N.
6th APMAS, International Advances in Applied Physics and Materials Sciences Congress and Exhibition, İstanbul, Turkey, 1 - 03 June 2016
- XXXVIII. **Synthesis of graphene metal nanocomposite anode materials for lithium ion batteries**
EKSİK O., aksakal c., YAVUZ R., YAVUZ N.
SAMPE Long Beach 2016, 23 - 26 May 2016
- XXXIX. **Fabrication of Single-Walled Carbon Nanotube Thin Films**
Çolak F., Tabatabaei Mohseni A., Çolak Ü., Yavuz N.
1st International Symposium "Functional Nanomaterials in Industrial Applications: Academic- Industry Meet, Preston, United Kingdom, 29 - 31 March 2016, pp.120
- XL. **Development Of Carbon Nanotube-Based Organic Solar Cells**
Tabatabaei Mohseni A., Çolak F., Dalkılıç Z., Laki M., Atlıbatur R., Çolak Ü., Yavuz N.
1st International Symposium "Functional Nanomaterials in Industrial Applications: Academic- Industry Meet, Preston, United Kingdom, 29 - 31 March 2016, pp.130
- XLI. **Analyses of Carbon and Activated Carbon Nanofiber**
ALTAY P., Zeynep Burcu Ç., UÇAR N., YAVUZ N.
3 rd International Conference on Advances in Applied Science and Environmental Technology, 28 - 29 December 2015
- XLII. **Investigation of SO2 adsorption properties of graphene oxide fiber bundle**
YÜKSEK İ. Ö., UÇAR N., YAVUZ N., ÖNEN H. A.
Third International Conference on Advances in Applied Science and Environmental Technologies, Bangkok, Thailand, 28 - 29 December 2015
- XLIII. **Investigation of biomimetic VACNT surface properties for the efficiency improvement in carbon based solar cells**
Zeynep D., YAVUZ N.
4th Nano Today Conference, Dubai, United Arab Emirates, 6 - 10 December 2015, pp.417
- XLIV. **Graphen Metal based nanocomposite anodes for lithium ion batteries**
EKSİK O., Çokkanlı B., Aksakal C., YAVUZ N., YAVUZ R.
2nd International Conference on Nanoscience and Nanotechnology for Next Generation- Nanong 2015, 29 - 31 October 2015
- XLV. **Investigation for Removal of Methylene Blue in Aqueous Environment by Using Different Membranes**
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Yavuz N., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F., Er Z.
Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference, Athens, Greece, 11 - 13 November 2015, vol.1, pp.344-349
- XLVI. **Single Stage Separation of High-Purity Semiconducting Carbon Nanotubes Using Gel Chromatography**

- Atılbatur R., Ordokhani F., Çolak F., Gürsel Y., Yavuz N.
2nd International Conference on Nanoscience and Nanotechnology for Next Generation- Nanong 2015, Antalya, Turkey, 29 - 31 October 2015, pp.58
- XLVII. **Preparation and Electrochemical Characterization of Silicon dioxide/Boron/Graphite Composite as Anode Materials for Lithium-Ion Batteries**
Bakalcı H., Pampal E., Eksik O., Yavuz R., Yavuz N.
2nd International Conference on Nanoscience and Nanotechnology for Next Generation- Nanong 2015, Antalya, Turkey, 29 - 31 October 2015, pp.65
- XLVIII. **Graphene Metal Based Nanocomposite Anodes for Lithium Ion Batteries**
EKSİK O., Çokkanlı B., Aksakal C., YAVUZ N., YAVUZ R.
2nd International Conference on Nanoscience and Nanotechnology for Next Generation- Nanong 2015, 29 - 31 October 2015
- XLIX. **CO₂ Adsorption on Activated Carbon Prepared From Olive Stone by Chemical Activation**
Beton İ., Çolak F., Yavuz R., Yavuz N.
International Energy Raw Materials and Energy Summit, İstanbul, Turkey, 1 - 03 October 2015, pp.86
- L. **PRODUCTION OF CONTINUOUS GRAPHENE OXIDE FIBER**
Uçar N., Gökçeli G., Yavuz N., Önen H. A.
International Istanbul Textile Congress 2015, İstanbul, Turkey, 11 - 12 September 2015, pp.54
- LI. **Development of MoO_x-CNT Combined Buffer Layer for Performance Improvement in Organic Solar Cells**
Çolak F., Dalkılıç Z., Tabatabei Mohseni A., Laki M., Çolak Ü., Yavuz N.
The sixteenth International Conference on the Science and Application of Nanotubes, Nagoya, Japan, 28 June - 03 July 2015, pp.443
- LII. **Effect of Catalysts Distribution on Morphology of Vertically Aligned Carbon Nanotube Films**
Dalkılıç Z., Yavuz N.
The sixteenth International Conference on the Science and Application of Nanotubes, Nagoya, Japan, 28 June - 03 July 2015, pp.541
- LIII. **Investigation for removal of methylene-blue in aqueous environment by using different membranes**
Tuğrul A. B., Altınsoy N., Demir E., Erentürk S., Yavuz N., Hacıyakupoğlu S., Büyük B., Baydoğan N., Baytaş A. F., Er Z.
Fifth International Conference on Environmental Management, Engineering, planning and Economics (CEMEPE 2015), Mykeonos Island, Greece, 14 - 17 June 2015, pp.125
- LIV. **High Purity Single Walled Carbon Nanotubes As Transparent Electrode**
Laki M., Tabatabei Mohseni A., Yavuz N., Arıcı E. Ü.
SolarTR-3 Third Turkish Solar Electricity Conference and Exhibition, Ankara, Turkey, 27 - 29 April 2015, pp.89
- LV. **Kinetic and Thermodynamic Behaviour of Selenium on Modified Bentonite and Activated Carbon Using Radiotracer Technique**
Tuğrul A. B., Erentürk S., Hacıyakupoğlu S., Yavuz N., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E., Oruçoğlu E.
International Conference on Computational and Experimental Science and Engineering (ICCESEN), Antalya, Turkey, 25 - 29 October 2014, vol.1, pp.6
- LVI. **Biomethanation of coal and biomass**
Koyunoğlu C., Altınbaş M., Yavuz N.
Turkish-German Conference on Energy Technologies, Ankara, Turkey, 13 - 15 October 2014, pp.84
- LVII. **Synthesis of CNT Arrays with Antireflective and Self-cleaning Properties for Solar Cells**
Yavuz N., Dalkılıç Z.
Turkish-German Conference on Energy Technologies, Ankara, Turkey, 13 - 15 October 2014, pp.67
- LVIII. **Kinetic and Thermodynamic Behavior of Selenium on Modified Bentonite and Activated Carbon Using Radiotracer Technique**
TUĞRUL A. B., ERENTÜRK S., HACIYAKUPOĞLU S., YAVUZ N., ALTINSOY N., BAYDOĞAN N., BAYTAŞ A. F., DEMİR E., Büyük B., Gedik S.
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- LIX. **On the Physics of Intercalation of Hydrogen into Surface Graphane-Like Nanoblister in Pyrolytic Graphite & Epitaxial Graphene**
Nechaev Y., Filippova V., Yürüm A., Yavuz N., Yürüm Y., Veziroğlu N.
XII International Conference on Nanostructured Materials (Nano 2014), Moskova, Russia, 13 - 18 July 2014, pp.279
- LX. **The Effect of the Reaction Parameters on Carbon Nanotube Synthesis on Cobalt Catalyst**
Dündar Tekkaya E., Yavuz N.
10th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 - 21 June 2014, pp.43
- LXI. **Assessment of Adsorption Parameter Effectiveness for Radio-Selenium and Radio-Iodine Adsorption on Activated Carbon**
Tugrul A. B., Karatepe N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş F., Büyük B., Demir E.
International Conference on Energy and Management, Turkey, 5 - 07 June 2014, pp.97-108
- LXII. **Assessment of Radioiodine and Radioselenium Adsorptions on Activated Carbon in Aqueous Media**
Tuğrul A. B., Yavuz N., Hacıyakupoğlu S., Erentürk S., Altınsoy N., Baydoğan N., Baytaş A. F., Büyük B., Demir E.
ICEM-2014, İstanbul, Turkey, 5 - 07 June 2014, pp.37
- LXIII. **Carbon Nanotubes as Transparent Electrodes For Organic Solar Cells**
Ürper O., Yavuz N., Arıcı E. Ü.
E-MRS 2014 Spring Meeting, Lille, France, 26 - 30 April 2014, pp.531
- LXIV. **High Purity Single Walled Carbon Nanotubes as Transparent Electrode Materials**
Laki M., Tabatabai A., ÇOLAK Ü., YAVUZ N., ARICI E. Ü.
SolarTR-3, Third Turkish Solar Electricity and Exhibition Conference, Ankara, Turkey, 27 - 30 April 2015
- LXV. **Investigation for Remediation of Selenium Aqueous Environment with Using Organic Pillared Bentonite by Radiotracer Technique**
Tuğrul B., Hacıyakupoğlu S., Erentürk S., Yavuz N., Baytaş A. F., Baydoğan N., Altınsoy N., Büyük B., Oruçoğlu E., Demir E., et al.
APMAS 2014, 4th International Advances in Applied Physics & Materials Science Congress & Exhibition, Muğla, Turkey, 24 - 27 April 2014, pp.1-5
- LXVI. **Application of Carbon Nanotubes as Electrodes for Solar Cells'**
Ürper O., Yavuz N., Arıcı E. Ü.
International Conference on Solar Energy For World Peace, İstanbul, Turkey, 17 - 19 September 2013
- LXVII. **The Role of H₂ Reduction in the Growth of Single-Walled Carbon Nanotubes**
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Conference on Carbon Nanotubes, Graphene, and Associated Devices VI, California, United States Of America, 28 - 29 August 2013, vol.8814
- LXVIII. **The role of H₂ reduction in the growth of single walled carbon nanotube**
Yavuz N., Gümüş F., Yuca N.
SPIE International Symposium on NanoScience+Engineering, San Diego, United States Of America, 25 - 29 August 2013, pp.249
- LXIX. **Hydrogen and carbon nanotube production via catalytic decomposition of methane**
Yavuz N., Deniz Canal C.
SPIE International Symposium on NanoScience+Engineering, San Diego, United States Of America, 25 - 29 August 2013, pp.327
- LXX. **Carbon nanotube synthesis with different support materials and catalysts**
Gümüş F., Yuca N., Yavuz N.
SPIE International Symposium on NanoScience+Engineering, San Diego, United States Of America, 25 - 29 August 2013, pp.254
- LXXI. **Carbon Nanotubes as Transparent Electrodes**
Ürper O., Yavuz N.
International Conference on Solar Energy for World Peace, August 17-19, 2013, İstanbul, Turkey, 17 - 19 August 2013, pp.76

- LXXII. **Hydrogen storage in single wall carbon nanotubes produced on iron catalyst**
Dündar Tekkaya E., Yavuz N.
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- LXXIII. **Synthesis of carbon nanotubes via different catalysts**
Gümüş F., Dündar Tekkaya E., Yavuz N.
Geographical and Geological Research of Ukraine and Adjacent Territories, Simferopol, Ukraine, 2 - 07 April 2013, pp.122
- LXXIV. **Different Techniques for Characterizing Single-Walled Carbon Nanotube Purity**
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Conference on Carbon Nanotubes, Graphene, and Associated Devices VI, California, United States Of America, 28 - 29 August 2013, vol.8814
- LXXV. **Investigation of Antireflective and Self-Cleaning Surfaces for Solar Modules**
Dalkılıç Z., Yavuz N.
Global Conference on Global Warming 2012 (GCGW-12), İstanbul, Turkey, 8 - 12 July 2012, pp.23
- LXXVI. **Hydrogen Adsorption Properties of Carbon Nanotubes Synthesized at Different Temperatures**
Yuca N., Yavuz N.
Global Conference on Global Warming 2012 (GCGW-12), İstanbul, Turkey, 8 - 12 July 2012, pp.21
- LXXVII. **Remediation Investigation on Selenium in Aqueous Environment with Using Activated Carbon**
Hacıyakupoğlu S., Erentürk S., Yavuz N., Tuğrul A. B., Baytaş A. F., Altınsoy N., Baydoğan N., Büyük B., Demir E.
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- LXXVIII. **Adsorption Properties of Hydrogen on Metal Decorated Carbon Nanotubes**
Şenyer A., Tekin A., Yavuz N.
Global Conference on Global Warming 2012 (GCGW-12), İstanbul, Turkey, 8 - 12 July 2012, pp.35
- LXXIX. **Investigation of CO₂ Adsorption on Activated Carbon Prepared From Olive Stone**
Beton İ., Yavuz N., Yavuz R.
International Science and Technology Conference, ISTEC 2011, İstanbul, Turkey, 7 - 09 December 2011, pp.390-398
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