

## Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceeding) basılan bildiriler

1. **Şahin Ö.**, Ç.İ. Abilov, "PbTe-GaInTe<sub>2</sub> hal diagramının formulaştırılması", VII. Respublika Elmi Konferansı, Cilt 1, 52-53, Bakü, 2001
2. Özdemir M., **Şahin Ö.**, Cıncık S., Dolaş H. "Zinc adsorption from aqueous solution by sulphur", Chemical Physics V- V.uluslararası Kimyasal Fizik Kongresi, 31 Ekim-1 Kasım 2002, Yıldız Technical University, İstanbul-Turkey
3. **Şahin Ö.**, Özdemir M., Güler E., Dilekoğlu, F.M. "Phenol adsorption onto the tea modified by extraction of its soluble groups into the hot water", Chemical Physics V- V.uluslararası Kimyasal Fizik Kongresi, 31 Ekim-1 Kasım 2002, Yıldız Technical University, İstanbul-Turkey
4. **Şahin Ö.**, Özdemir M., Genli N. "Effect of glycerine on the growth kinetics of boric acid crystal from aqueous solution", Chemical Physics V- V.uluslararası Kimyasal Fizik Kongresi, 31 Ekim-1 Kasım 2002, Yıldız Technical University, İstanbul-Turkey
5. Özdemir, M. **Şahin Ö.**, Dolaş H., Dilekoğlu, M.F. "The examination of the sorptional properties of phenol onto the shell of grapefruit in aqueous medium", Chemical Physics V- V.uluslararası Kimyasal Fizik Kongresi, 31 Ekim-1 Kasım 2002, Yıldız Technical University, İstanbul-Turkey.
6. **Şahin Ö.**, Cennetkuşu E. S., İzgi M.S. Potasyum Tetraborat Tetrahidratın Kurutulma Kinetiği / Drying Kinetics of Potassium Tetraborate Tetrahydrate, , Proceedings of III.International Boron Symposium 2-4 KASIM / NOVEMBER 2006
7. **Şahin Ö.**, İzgi, M.S., Demir H. Amonyum Tetraborat Tetrahidrattan Bor Oksit Üretimi / Production of Boron Oxide from Ammonium Tetraborate Tetrahydrate, Proceedings of III.International Boron Symposium 2-4 KASIM / NOVEMBER 2006.
8. **Şahin Ö.**, Demir H, Özdemir M, Ceyhan A.A. "Potasyum Tetraborat Tetrahidratın Metastabil Bölge Genişliğine Bazı Faktörlerin Etkisi" IV. Uluslararası Bor Sempozyumu • IV International Boron Symposium, 15-17 / Ekim / October, 2009 Eskişehir-TURKEY, 409-412, 2009 (Sözlü Bildiri)
9. **Şahin Ö.**, Demir H., Özdemir M, Ceyhan A.A. "Potasyum Tetraborat Tetrahidrat Kristal Büyüme Kinetiği Üzerine İkinci Çözücü Etkisi" IV. Uluslararası Bor Sempozyumu • IV International Boron Symposium, 15-17 / Ekim / October, 2009 Eskişehir-TURKEY, 413-417, 2009 (Sözlü bildiri)
10. Balbay A., **Şahin Ö.**, Ülker H. "Experimental Investigation of Drying Process of Shelled Pistachio Grown in Siirt Province, Turkey" 6th International Advanced Technologies Symposium(IATS'11)", 16-18 May 2011, Elazığ, Turkey
11. Balbay A, Ülker H., **Şahin Ö.** "Drying Behaviours of Bittim (Pistacia terebinthus) in a Fixed Bed Drying System" Sixth International Conference on Thermal Engineering: Theory and Applications(ICTEA 2009) May 29-June 1, 2012, Istanbul, Turkey
12. Ceyhan A., Baytar O., Yılmaz D., Mirad C., **Şahin Ö.**, Methylene Blue Adsorption onto Formaldehyde Treated Elaeagnus Angustifolia Seeds, 3th International Conference of Ecosystems(ICE-201), May 31-June 5, 2013, Tirane, Albania
13. **Ömer Şahin;** Cafer Saka; Mustafa Kaya, Surface modification with cold plasma application on bentonite and its effects on the adsorption of methylene, blue International Symposium on Environmental Sciences Van 2014, 04-07 June 2014
14. **Ömer Şahin;** Cafer Saka; Mustafa Kaya Production of Pistachio-nut shells based activated carbons for iodine and methylene blue adsorption International Symposium on Environmental Sciences Van 2014, 04-07 June 2014
15. Cafer Saka; **Ömer Şahin;** Mustafa Kaya. Preparation of activated carbon from acorn shell by chemical activation with ZnCl<sub>2</sub> and its methylene blue and iodine adsorption International Symposium on Environmental Sciences Van 2014, 04-07 June 2014
16. Abdurrahman Özhan, **Ömer Şahin;** Mehmet Maşuk Küçük; Cafer Saka, Mustafa Kaya Preparation and characterization of activated carbon from pine cone by microwave-induced ZnCl<sub>2</sub> activation and its effects on the adsorption of methylene blue International Symposium on Environmental Sciences Van 2014, 04-07 June 2014
17. Cafer SAKA; **Ömer ŞAHİN;** Mustafa Kaya Adsorption properties of sepiolite modified by cold plasma treatment International Symposium on Environmental Sciences Van 2014, 04-07 June 2014

18. Balbay Asım, Ülker Hakan, Demirtas Selman, **Sahin Ömer** (2014). An Experimental Study on a Fully Automatic Controlled Irrigating System by Using Solar Energy in Siirt, Turkey.
19. Vedat Adıgüzel, Sevilay Demirci, **Ömer Şahin**, How  $ZnCl_2$  And  $Zn(H_2PO_2)_2$  Are Separated by Using Solid-Liquid Phase Equilibria, 1st International Conference on Engeneering Technology and Applied Sciences Afyon Kocatepe University, Turkey 21-22 April 2016
20. Sevilay Demirci, Vedat Adıgüzel, **Ömer Şahin**, A Separating Method For  $NaH_2PO_2$  and  $NaCl$  Salts From Their Solutions Using Phase Equilibria, 1st International Conference on Engeneering Technology and Applied Sciences Afyon Kocatepe University, Turkey 21-22 April 2016
21. Orhan Baytar, **Ömer ŞAHİN**, Mehmet Sait İzgi, Sodyum Bor Hidrürden Hidrojen Üretiminde  $Fe(0)$  Katalizörünün Kullanılması, 10th International Clean Energy Symposium(UTES'16 / ICES'16) 24-26 Ekim/October 2016 İSTANBUL
22. Mehmet Sait İzgi, **Ömer Şahin**, Erhan Onat, Sodyum Bor Hidrürden Hidrojen Üretimi İçin Katalitik Aktivitesi Artırılan Co-Ti-B Katalizörünün Üretimi Ve Geliştirilmesi, 10th International Clean Energy Symposium(UTES'16 / ICES'16) 24-26 Ekim/October 2016 İSTANBUL
23. Arzu Ekinci, **Ömer Şahin**, M. Sait İzgi, Co-Cu-B Katalizörü Kullanılarak Sodyum Borhidrürden Hidrojen Üretimi Ve Pem Yakıt Pili Uygulamaları, 10th International Clean Energy Symposium(UTES'16 / ICES'16) 24-26 Ekim/October 2016 İSTANBUL
24. Sabit Horoz, Hüsnü Koc, **Ömer Sahin**, Comparison Structural And Optical Properties Of  $Sb_2S_3$  Thin Films, 10th International Clean Energy Symposium(UTES'16 / ICES'16) 24-26 Ekim/October 2016 İSTANBUL
25. Sinan KUTLUAY, **Ömer ŞAHİN**, A. Abdullah CEYHAN, M. Sait İZGİ (2016). "The optimization of production parameters for borax pentahydrate crystals with the crystallization process in a modified continuous cooling MSMR crystallizer using FBRM<sup>®</sup> and PVM<sup>®</sup> probes", 1<sup>st</sup> International Mediterranean Science and Engineering Congress, Adana-Turkey October 26-28.
26. Sinan Kutluay, **Ömer Şahin**, A. Abdullah Ceyhan, M. Sait İzgi "Evolution of boric acid crystal size distribution and shape in a CMSMR crystallizer-the effect of residence time, stirring speed, feed flow rate and amount of supersaturation" *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
27. Sinan Kutluay, A. Abdullah Ceyhan, Halil Demir, **Ömer Şahin** "Determination of borax pentahydrate crystal size distribution and shape in a CMSMR crystallizer-the effect of supersaturation, feed flow rate and stirring speed with time" *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
28. M. Sait İZGİ, **Ömer Şahin**, Sabit Horoz "Investigation Of Sodium Borohydride Hydrolysis Of Co-Ni-B Catalyst Developed In Microwave Environment" The International Conference on Applications in Chemistry and Chemical Engineering, 11-15 October 2017 in Sarajevo, Bosnia.
29. S. Horoz, **Ö.Şahin** "Zn (1-x) Co(x) S Quantum Dots Sensitized Solar Cells (QDSSCs)", International Conference on Energy and Thermal Engineering: Istanbul 2017, 25-28 April 2017.
30. S. Horoz, **Ö.Şahin** "Effect of Manganese on the properties of  $Sb_2S_3$ ", *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
31. S. Horoz, **Ö.Şahin** "Effect of Chromium on the properties of Cadmium Sulfide Quantum Dots", *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
32. M. Sait İzgi, **Ömer Şahin**, Erhan Onat "Investigation Of Ni-B Catalysts Obtained In Different Solutions In Hydrolysis Of Sodium Borohydride" Bozok Science Workshop 2017, Yozgat, August 23-25, 2017.
33. M. Sait İZGİ, Seda Tayboga, **Ömer Şahin**, Sabit Horoz, "Hydrogen Production from Sodium Borohydride Methanolizine in the Presence of Co-Cu-B-F Catalyst in Plasma Medium" International

Conference On Energy And Thermal Engineering: Istanbul 2017” scheduled from 25 – 28 April 2017 in Istanbul-Turkey.

34. Sabit Horoz, **Ömer Şahin**, M. Sait İZGİ “Effect Of Chromium On The Properties Of Cadmium Sulfide Quantum Dots” The International Conference on Applications in Chemistry and Chemical Engineering, 1-15 October 2017 in Sarajevo, Bosnia.
35. Sevilay Demirci, Vedat Adıgüzel, **Ömer Şahin**, M. Sait İzgi “Solubility Behavior Of Na<sup>+</sup>, Zn<sup>2+</sup>/H<sub>2</sub>PO<sub>2</sub><sup>-</sup>/H<sub>2</sub>O Ternary System At Different Temperatures” The International Conference on Applications in Chemistry and Chemical Engineering, 11-15 October 2017 in Sarajevo, Bosnia.
36. Vedat Adıgüzel, Sevilay Demirci, **Ömer Şahin**, M. Sait İZGİ “Solid-Liquid Equilibria (Sle) Of Ternary System NaCl+Zn(H<sub>2</sub>PO<sub>2</sub>)<sub>2</sub>+H<sub>2</sub>O AT T=(313.15 AND 333.15 K)”
37. Dilek Kılınç, **Ömer Şahin**, Synthesis of Polymer Supported Ni (II)-Schiff Base Complex and Its Usage as A Catalyst in Hydrogen Generation from NaBH<sub>4</sub> Hydrolysis, 2th International Hydrogen Technologies Congress (IHTEC-2017), 15-18 March 2017, Çukurova University, Adana, Turkey.
38. Dilek Kılınç, **Ömer Şahin**, Synthesis and Catalytic Activity of Supported Ni (II) Schiff Base Complex in NaBH<sub>4</sub> Hydrolysis, Applications in Chemistry and Chemical Engineering (ICACCHE) is going to be held on 11-15 October 2017 in Sarajevo, Bosnia and Herzegovina.
39. Dilek Kılınç, **Ömer Şahin**, Investigation of Catalytic Hydrogen Production by Polymer Supported Cu (II)-Schiff Base Complex, 8th International Advanced Technologies Symposium (IATS’17), October 19-22, 2017 at Fırat University, Elazığ, Turkey.
40. Dilek Kılınç, **Ömer Şahin**, Synthesis and Catalytic Activity of Supported Co (II) Schiff Base Complex for Hydrogen Production, 2017 IMESET International Conference-Bitlis Eren University, Oct 27-29, 2017, Bitlis, Turkey.
41. Orhan Baytar, A. Abdullah Ceyhan, **Ömer Şahin**, Optimization With Cr (VI) Activated Carbon Adsorption And Surface Response Method, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
42. M. Salih Keskin, M. Salih Ağırtaş, **Ömer Şahin**, Orhan Baytar, The Use Of NiPB Catalyst In The Hydrolysis Of Potassium Borohydride, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
43. Dilek Kılınç, **Ömer Şahin**, Synthesis And Catalytic Activity Of Supported Ni (II) Schiff Base Complex In NaBH<sub>4</sub> Hydrolysis, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
44. Mustafa Kaya, Cafer Saka, **Ömer Şahin**, Carbon Molecular Sieve Production From Siirt Pistachio Shells Using ZnCl<sub>2</sub>, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
45. Mustafa Kaya, Cafer Saka, **Ömer Şahin**, Carbon Molecular Sieve Production From Acorn Shells Using ZnCl<sub>2</sub>, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*
46. Muhammed Bora Akın, **Ömer Şahin**, Effect Of Additives On Meta-Stable Zone Width For Boric Acid Crystallization, *The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE) 11-15 October 2017, Sarajevo, Bosnia and Herzegovina.*