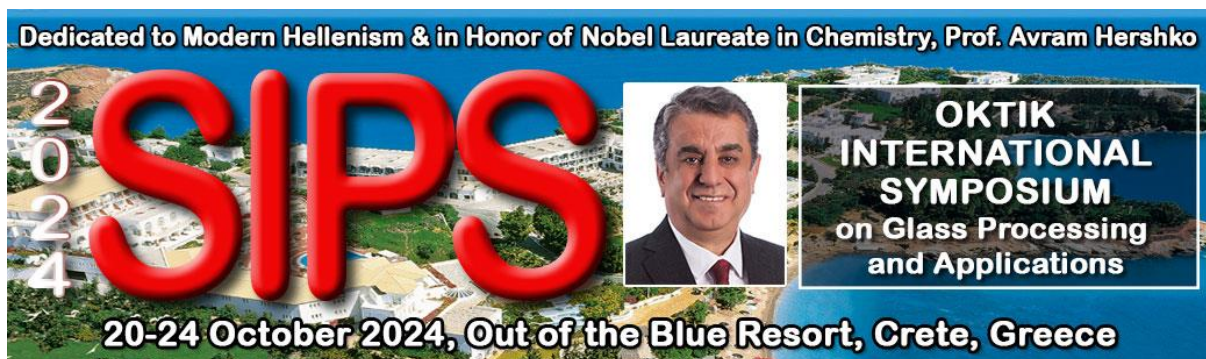




Publications of Prof.Dr. ŞENER OKTİK

A senior technologist in materials science and device manufacturing with international academic/industrial expertise in: inorganic/organic semiconductor materials and characterization; fabrication of devices at laboratory scale and transferring to industrial manufacturing scale. The area of interest: materials science and engineering, surface/interface science, thin and thick film coatings for photovoltaic cells and modules as well as the component of photovoltaic systems.

PUBLICATIONS

SSCI, SCI-EXP Indexed Publications and Citations (20.01.2020)

(Total Citations: 761 ; h-Index: 18; i10 Index: 27)

1. Single Crystal $\text{ZnxCd}_{1-x}\text{S}/\text{Cu}_2\text{S}$ Photovoltaic Cells -I
S. Oktik, G. J. Russell, J. Woods
 Solar Cells, 5, 1982, pp.231-241
 Citations: 20
2. Mechanically Induced Phase Transformation in CdS, CdSe and ZnSe
 G.J. Russell, A.T. Fellows, **S. Oktik**, I.E. Ture, J. Woods
 Journal of Material Science Letters, 1, 1982, pp.176-178
 Citations: 13
3. Single Crystal $\text{ZnxCd}_{1-x}\text{S}/\text{Cu}_2\text{S}$ Photovoltaic Cells-II
S. Oktik, G. J. Russell, J. Woods
 Journal of Crystal Growth, 59, 1982, pp.414-420
 Citations: 20
4. The Growth of Cu_2S on Polished and Etched Single Crystal Substrates
 G.J. Russell, **S. Oktik**, J. Woods
 Journal of Material Science Letters, 2, 1983, pp.229-232
 Citations: 4
5. Single Crystal $\text{Cu}_2\text{S}/\text{CdS}$ Photovoltaic Devices with Optimum Performance Before a Post Barrier Air-Bake
S. Oktik, G.J Russell, J. Woods
 Solar Energy Materials, 9, 1983, pp.77-90
 Citations: 9
6. SEM Measurements of Minority Carrier Diffusion Length in Single Crystal $\text{Cu}_2\text{S}/\text{CdS}$ Solar Cells
S. Oktik
 Communications, Serie A2, 33, 1984, pp.15-31
 Citations:

7. The Correlation Between Current Transport Mechanisms and Etch Features in Au/CdS Single Crystal Schottky Diodes
S. Oktik, G. J. Russell, J. Woods
Semiconductor Technology, 2, 1987, pp.661-665
Citations: 8

8. Low Cost, Non-Vacuum Techniques for the Preparation of thin/Thick Films For Photovoltaic Application (A Review Paper)
S. Oktik
Prog. Crystal Growth and Characterizations, 17, 1988, pp.171-240
Citations: 43

9. Stable, High Efficiency Thin Film Solar Cells Produced by Electrodeposition of Cadmium Telluride
A. K. Turner, J. M. Woodcock, M. E. Ozsan, J. G. Summers, J. Barker, S. Binns, K Buchanan, C. Chai, S. Dennison, R. Hart, D. R. Johnson, R. Marshal, **S. Oktik**, M. Patterson, R. Perks, S. Roberts, M. Sadeghi, J. Sherborne, J. Szubert
Solar Energy Materials, 23, (1991) pp.388-393
Citations: 18

10. Electrodeposited CdTe For Thin Film Solar Cells
J. Baker, S.P. Binns, D.R. Johnson, R. J. Marshall, **S. Oktik**, M. E. Ozsan, M.H.Patterson, S.J. Ransome, s. Roberts, M. Sadeghi, J. Sherbourne, A. K. Turner and J. Woodcock.
Int. Journal of Solar Energy 12, 1992, pp.79-94
Citations: 57

11. BP Solar Thin Film Photovoltaic Technology
A.K Turner, J.M Woodcock, M.E. Ozsan, D.W. Cunningham, D.R. Johnson, R.J. Marshal, N.B. Mason, **S. Oktik**, M.H. Patterson, S.J. Ransome, S.J. Roberts, M. Sadeghi, M. Sherborne, D. Sivapathasudram, I.A. walls
Solar Energy Materials and Solar Cells, 35 (1-4), 1994 pp. 263-270
Citations: 33

12. Uniformity in (Hg,Mn)Te Films Grown by Metalorganic Vapour Phase Epitaxy
T.D. Hallam, **S. Oktik**, M. Funaki, C. Moore, A. W. Brinkman, K. Durose and B.K. Tanner.
Journal of Crystal Growth, 146 (1995) pp..604-609
Citations:6

13. Properties of ZnO Layers Deposited by "Photo-assisted" Spray Pyrolysis
S.Oktik, G.J. Russell, A.W. Brinkman
Journal of Crystal Growth, 159 (1996) pp. 195-199
Citations:32

14. Transmission Electron Microscopy of CdTe/CdS based Solar Cells
Y.Y. Loginow, K. Durose, H.M. Al-Allak, S.A. Galloway, **S.Oktik**, A.W. Brinkman, H.Richter, D. Bonnet
Journal of Crystal Growth, 161 (1996) pp. 159-163
Citations:41

15. Electrical Measurements of (Hg, Mn)Te Films Grown by MOVPE
A.B. Horsfall, **S. Oktik**, I Terry, A.W. Brinkman
Journal of Crystal Growth, 159 (1996) pp. 1085-1089
Citations:5

16. Sulphurization of Cu/In Alloys for Thin Film Solar Cell Application
S.Oktik, G.J. Russell, A.. Brinkman
Crystal Research Technology 31 (1996) pp.501-504
Citations:

17. MOVPE Growth and Optical Characterization of ZnS, ZnSe and ZnS/ZnSe Multiple Quantum Wells
P. Prete, N. Lovergine, **S. Oktik**, M. Longo
Blue Laser and Light, 1996 - Ios Pr Inc p.352
18. Magnetic Measurements on HgMnTe
A.B. Horsfall, I Terry, WM Jackson, **S. Oktik** A.W Brinkman
Journal of Appl Phys 81 (8) (1997) pp. 4868-4869
Citations:
19. Charge Flow Mechanism and Charge Effects in Polymer Film Structures
L. Fenenko, P.Smertenko, S. Svechnikov, N. Guba, L.Grebinskaya, **S. Oktik**, O. Tuzun
Molecular Crystals and Liquid Crystals, 426 (2005) 179-186.
Citations:
20. Electrical Characterizations of Novel Si Solar Cells'
O Tuzun, **S. Oktik**, S. Altindal, T.Mammadov,
Thin Solid Films, 511-512(2006) pp 258-264.
Citations: 21
21. Induced changes of smectic A – isotropic liquid phase transition peculiarities
A. Nesrullajev, **Ş. Oktik**,
Modern Physics Letters B, 20 (2006), pp.821-833
Citations: 5
22. Effect of Thickness of Liquid Crystalline Layer on the Thermotropic and Thermodynamical Properties of Nematic – Isotropic Liquid and Isotropic Liquid – Nematic Phase transitions",
O. Polat, A. Nesrullajev, **Ş. Oktik**,
International Journal of Modern Physics B, V.20 (2006) pp.3383-3394
Citations: 2
23. Frequency and Voltage Dependent Surface States and Series Resistance of Novel Si Solar Cells
O. Tuzun, **S. Oktik**, S. Altindal
Materials Science & Engineering B, 134 (2006) 291-295
Citations:13
24. Texture transformations and orientational properties of lyotropic nematics in magnetic field
A. Nesrullajev, **Ş. Oktik**
Crystal Research and Technology: Journal of Experimental and Industrial Crystallography
42 (1) (2007) pp. 44-49
Citations: 14
25. Peculiarities of biphasic regions at phase transitions in oriented textures of 4-cyano-4'-n-pentylbiphenyl
A. Nesrullajev, N. Avci, **Ş. Oktik**
Physics Letters A, 364 (6) (2007) pp. 510-514
Citations:6
26. Peculiarities of light transmission at nematic-isotropic liquid and isotropic liquid-nematic phase transition
A. Nesrullajev, N. Avci, **Ş. Oktik**
J. Optoelectronics and Advanced Materials Vol.9(2) 2007 pp.413-416
Citations: 4
27. Effects of Illumination and ^{60}Co γ -Ray Irradiation on the Electrical Characteristics of Porous Silicon Solar Cells
Ö. Tüzün, Ş. Altındal, **Ş. Oktik**,
Renewable Energy, 33, (2008) 286-292

Citations:15

28. Simulation for capacitance correction from Nyquist plot of complex impedance–voltage characteristics
A. S. Kavasoglu, N. Kavasoglu, **S. Oktik**
Solid-State Electronics, V.52 (6) (2008) pp. 990-996
Citations:41
29. A new method of diode ideality factor extraction from dark I–V curve
N. Kavasoglu, A. S. Kavasoglu, **S. Oktik**
Current Applied Physics, V.9 (4) (2009) pp.883-838
Citations:17
30. Photocapacitance study at p-i-n photodiode by numerical C-V integration
S. Kavasoglu, N. Kavasoglu and **S. Oktik**
Solid-state Electronics, 53(2) 2009 pp. 241-245
Citations:1
31. Observation of negative photoconductivity in (ZnO)(x)(CdO)(1-x) films
N. Kavasoglu, S. Kavasoglu and **S. Oktik**
Journal of Physics and Chemistry of solids 70(3-4) (2009) p.p. 521-526
Citations:27
32. Investigation of temperature dependent DC current transport mechanism on Au/poly(4-vinyl phenol)/p-Si device
S. Kavasoglu, C.Tozlu, O. Pakma, N. Kavasoglu, S. Ozden, B. Metin, O. Birgi and **S. Oktik**
Journal of Physics D: Applied Physics, Volume: 42, Issue: 14, 2009 pp.
Citations: 9
33. Room-temperature interface state analysis of Au/Poly(4-vinyl phenol)/p-Si structure, Synthetic Metals
N. Kavasoglu, C.Tozlu, O. Pakma, S. Kavasoglu, S. Ozden, B. Metin, O. Birgi, **S. Oktik**, Syntetic Materials Volume 159, Issues 17-18, 2009 pp. 1880-1884, September
Citations: 29
34. The circuit point of view of the temperature dependent open circuit voltage decay of the solar cell"
A. S. Kavasoglu, N. Kavasoglu, **S. Oktik**
Solar Energy, 83(9) 2009 pp. 1446-1453
Citations:7
35. Negative capacitance peculiarities in a-Si:H/c-Si rectifier structure
S. Kavasoglu, N. Kavasoglu, O. Kodolbas, O. Birgi, O. Oktu, **S. Oktik**
Microelectronic Engineering, 2010 87(2) pp. 108-116
Citations:16
36. N-Channel organic thin film transistor based on naphthalene bis- enzimidazole with polymer dielectric
C. Tozlu, S.Erten Ela, TH. B. Singh, N.S. Sarıciŧci, S. Iclİ, **S. Oktik**
Balkan PHysics Letters, Bogazici University Press 16 2009 pp.1-5
Citataion:
37. The analysis of the charge transport mechanism of n-Si/MEH-PPV device structure using forward bias I–V–T characteristics
A. S. Kavasoglu, F. Yakuphanoglu, N. Kavasoglu, O. Pakma, O.Birgi, **S. Oktik**
Journal of Alloys and Compounds, 492 (1-2) 2010, pp. 421-426
Citations: 34
38. Nonlinear thermotropic and thermo-optical behaviour of planar oriented textures in nematic liquid crystals at phase transitions

N. Avci, A. Nesrullajev, **S. Oktik**
 Braz. J. Phys. vol.40 no.2 São Paulo June 2010 pp.224-227
 Citations; 7

39. Phase states and thermomorphologic, thermotropic, and magnetomorphologic properties of lyotropic mesophases: Sodium lauryl sulphate–water–1-decanol liquid-crystalline system
 P. Özden, A. Nesrullajev, **S. Oktik**
 Phys. Rev. E Vol. 82(6) 2010 pp.1-8
 Citations:16
40. Thermotropic and Thermo-optical Properties of Nematic Mesophase at Direct and Reverse Phase Transitions
 N. Avci, A. Nesrullajev, **S. Oktik**
 Int.Journal of Thermophysics V.31 (11-12) 2010,, pp 2216–2224
 Citations
41. Intensity modulated short circuit current spectroscopy for solar cells
 N. Kavasoglu, A. S. Kavasoglu, O. Birgi, **S. Oktik**
 Solar Energy Materials and Solar Cells, 95 (2) 2011 pp. 727-730
 Citations: 10
42. Seasonal Variation of Internal Parameters of Amorphous Silicon (a-Si) Thin Film Photovoltaic Modules
 R. Eke, **S. Oktik**
 International Journal of Renewable Energy Research -IJRER2 (4) 2012, pp. 549-555
 Citations:6

International Conference Proceedings

1. An EBIC Study of The CdS-Cu₂S Photovoltaic Cell
 G.J Russell, **S. Oktik**, J.Woods
 The 3rd E. C. Photovoltaic Solar Energy Conference, 27-31 October 1980, Cannes France, Reidel Dordrecht, 1981, pp.767-771
2. Effect of Surface Topography on Dark Current Conduction Processes in Single Crystal Cu₂S/CdS Solar Cells-I
S. Oktik
 The 7th Miami Int. Conf. on Alternative Energy Sources, December 1985, Florida, USA, Hemisphere Publ. Corp. 1986, pp. 805-815
3. Effect of Surface Topography on Dark Current Transport Processes in Single Crystal Cu₂S/CdS Solar Cells-II
S. Oktik, G.J. Russell, J. Woods
 The 7th E. C. Photovoltaic Solar Energy Conference, October 1986, Sevilla, Spain, Reidel Dordrecht, 1987, pp.630-634
4. Spray Deposited ZnO/CdTe Heterojunction Solar Cells
S. Oktik, G. J Russel, A.W Brinkman
 The 8th Europea Photovoltaic Solar Energy Conference, Florence, Italy, 1988, pp.1033-1037
5. Assessment of Electrodeposited Copper Indium Diselenide Thin Films
 G. J. Russell, R. Colbrook, **S. Oktik**, A. W. Brinkman, J. Woods
 The 8th Europea Photovoltaic Solar Energy Conference, Florence, Italy, 1988 pp.
6. Stable, High Efficiency Thin Film Solar Cells Produced by Electrodeposition of Cadmium Telluride
 A. K. Turner, J. M. Woodcock, M. E. Ozsan, J. G. Summers, J. Barker, S. Binns, K

- Buchanan, C . Chai, S. Dennison, R. Hart, D. R. Johnson, R. Marshal, **S. Oktik**, M. Patterson, R. Perks, S. Roberts, M. Sadeghi, J. Sherborne, J. Szubert
The 5th International Photovoltaic Science and Engineering Conference, Kyoto, Japan, 1990
7. BP Solar Thin Film CdTe Photovoltaic Technology
A. K. Turner, J. Woodcock, M. E. Ozsan, D. W. Cunningham, D. R. Johnson, R.J. Marshall, **S.Oktik**, M. H. Patterson, S. J. Ransome, S. Roberts, M. Sadeghi, J. M. Sherborne, D. Sivapathasundaram, I. A. Walls
The 7th International Photovoltaic Science and Engineering Conference, Nagoya, Japan , 1993
 8. Magnetic Measurements in Hg_{1-x}Mn_xTe Films Grown by Metalorganic Phase Epitaxy (MOVPE)
A Horsfal, I. Terry, **S. Oktik**, A. W. Brinkman, IOP, Condensed Matter and Material Physics Conference, 19-21 December 1994, p.182, Organised by University of Cambridge at Warwick (UK)
 9. Electrical Properties of (Hg, Mn) Te Films Grown by Metalorganic Vapour Phase Epitaxy
T.D. Hallam, **S. Oktik**, M. Funaki, A W Brinkman
IOP, Condensed Matter and Material Physics Conference, 19-21 December 1994, p.198, Organised by University of Cambridge at Warwick (UK).
 10. Characterisation of CdS/CdTe Thin Film Solar Cells
M. E. Ozsan, D. R. Johson, **S. Oktik**, M. H. Patterson
12th European Photovoltaic Solar Energy Conference April 1994, Amsterdam, The Netherlands, pp 1604-1607
 11. BP Solar Thin Film CdTe Photovoltaic Technology
A. K. Turner, J. Woodcock, M. E. Ozsan, D. W. Cunningham, D. R. Johnson, R.J. Marshall, **S. Oktik**, M. H. Patterson, S. J. Ransome, S. Roberts, M. Sadeghi, J. M. Sherborne, D. Sivapathasundaram, I. A. Walls
The 12th European PV Solar Energy Conference April 1994, Amsterdam, The Netherlands, pp.948-950
 12. Magnetic measurements on HgMnTe epitaxial layers
A.B. Horsfall, , I Terry, W.M.Jackson A.W. Brinkman and **S. Oktik**
The 41st Annual Conference on Magnetism & Magnetic Materials November 1996
Atlanta Georgia USA
 13. MOVPE Growth and Optical Characterization of ZnS, ZnSe and ZnS/ZnSe Multiple Quantum Wells
P.Prete, N. Lovergine, **S. Oktik**, M. Longo, R; Cingolani, A.M. Mancini and L. Vasanelli
Int. Symp. Blue Laser and Light Emitting Diodes Chiba Univ. Japan 5-7 March 1996 pp 352-355
 14. Growth Mode Behavior of ZnSe Epilayers on (100) GaAs at Early Stages of MOVPE Nucleation
Lovergine , G. Leo, **S.Oktik**, M. Catalano, A.M. Mancini and L.Vasanelli
The 8th International Conference on II-VI Compounds August 1997, Grenoble France
 15. MOVPE Growth and Optical Characterization of ZnS ZnSe and ZnS/ZnSe Multiple Quantum Wells
P.Prete, N. Lovergine, **S. Oktik**, M. Longo, R. Cingolani, A.M. Mancini, L. Vasanelli,
Int Symp. Blue Laser and Light Emitting Diodes Chiba Univ. Japan, 1997
 16. Analysis of the Second Junction at the Back Contact of CdS/ CdTe
S. Oktik, M.E. Özsan
Solar Cells, E-MRS-ICEM 2000, Strasbourg, France, May 2000
 17. Between Monthly Average Hourly Solar Radiation, Hourly Bright Sunshine and Air Mass
B.G. Akinoğlu, Ç.Oğuz, **S. Oktik**

Proc. World Renewable Energy Congress-VI, Renewables –The Energy for 21st Century ,
Brighton UK, 1-7 July 2000

18. The 54kWp Grid Connected Rooftop Photovoltaic System Installation at Mugla University
Ş. Oktik,
The 7th Arab Conference on Solar Energy & Regional World Renewable Energy Congress,
February 2001
19. Effects of Stoichiometry on Electronic Properties of CuIn(S,Se)₂ Based Heterojunctions solar
Cells
Ş. Oktik, O. Pakma, U. Rau, M. Turcu, H. W. Schock
EMRS 2002, Strasbourg, France, May 2002
20. Surface-induced changes of smectic A - isotropic liquid phase transition peculiarities,
A. Nesrullazade, **Ş. Oktik**
The XVth Conference on Liquid Crystals (Chemistry, Physics and Applications), Zakopane,
Poland, October 2003
21. Peculiarities of Smectic A-Isotropic Liquid and Isotropic Liquid Smectic A Phase Transition:
Experimental Studies
A. Nesrullajev , **S.Oktik**
13th International School on Condensed Matter Physics, Bulgaria, July 2004
22. Donor-Acceptor Interaction In Organic Polymer Nanocomposite Films With Oxide Of Transition
metals V2O5
S. Svechnikov, P. Smertenko, L. Fenenko, V. Lashkaryov, N. Guba, L. Grebinskaja, **S. Oktik**,
O. Tuzun,
E-MRS Spring Meeting 2004, May 24-28 ,2004
23. Peculiarities of Charge Flow and Charge Effects in Polymer Film Structures, ICEPOM-5 L.
Fenenko, P. Smertenko, S. Svechnikov, N. Guba, L. Grebinskaja, L. V. Pisarzhevski, **Ş. Oktik**,
Ö. Tüzün
Conference (Electronic Processes in Organic Materials), Kyiv, Ukraine, May 2004
24. Photon-assisted Spray Pyrolysis for the Preparation of Large Area Thin Film Semiconductors For
Photovoltaic Applications
Ş. Oktik (Invited)
The 20th Annual Meeting of Institute of Liquid Atomization and Spray Systems, Orleans.
France, September 2005
25. R. Eke, S. Oktik, Photovoltaic Applications in Mugla University Clean Energy Research and
Development Centre, Renewable Energy for Europe – Research in Action, European
Commission, Charlemagne Building, November 21-22, 2005 (visual presentation) – 2005
26. The First Building-Integrated Photovoltaic System (BIPV) in Turkey at Mugla University Campus,
Ş. Oktik, C. Tozlu
The 20th European Photovoltaic Solar Energy Conference and Exhibition, Barcelona Spain,
June 2005
27. Electrical Characterizations of Novel Si Solar Cells, E-MRS Spring Meeting 2005 (Symposium F)
Ö. Tüzün, **Ş. Oktik**, Ş. Altındal, T. Mammadov
Thin Film and Nanostructured Materials for Photovoltaics THINC-PV2), Strasbourg, France,
May 2005
28. Effects of Illumination and 60Co Gamma-Ray Irradiation on the Electrical Characteristics of
Porous Silicon Solar Cells
Ö. Tüzün, Ş. Altındal, **Ş. Oktik**

E-MRS IUMRS ICEM 2006 Spring Meeting (Symposium M: Materials, Devices and Prospects for Sustainable Energies), Nice, France, May 2006

29. Frequency and Voltage Dependent Surface States and Series Resistance of Novel Si Solar Cells, Ö. Tüzün, Ş. Altındal, **Ş. Oktik**
E-MRS IUMRS ICEM 2006 Spring Meeting (Symposium V: Advanced Silicon for the 21st Century), Nice, France, May 2006
30. Dilute Magnetic Semiconductor Mercury Manganese Telluride Epilayers Grown by MOVPE, **Ş. Oktik** (Invited)
International Conference on superlattices, Nano-Structures and Nano-Devices, Istanbul, Turkey, August 2006
31. Seasonal Variation in the outdoor Performance of Four Photovoltaic Arrays with Different Types of Modules
R. Eke, **Ş. Oktik**, M. Çolak
The 21st European Photovoltaic Solar energy Conference and Exhibition, Dresden, Germany, September 2006
32. Peculiarities Of Light Transmission at Nematic & Isotropic Liquid And Isotropic Liquid & Nematic Phase Transitions
N. Avcı, A. Nesrullazade, **Ş. Oktik**
The 14th International School On Condensed Matter Physics, Varna, Bulgaria, September 2006
33. Texture Transformations and Orientational Properties of Lyotropic Nematics in Magnetic Field
A. Nesrullazade, **Ş. Oktik**
The 14th International School on Condensed Matter Physics, Varna, Bulgaria, September 2006
34. Photovoltaics in Turkey
Ş. Oktik
Second Photovoltaic Mediterranean Conference, Athens , Greece , April 2007
35. Comparison Of 18 Month kWh/kWp Energy Output Of Four Photovoltaic Systems With Four Different Module Technologies
R. Eke, **Ş. Oktik**
The 22nd European Photovoltaic Solar Energy Conference and Exhibition, Milan, September 2007
36. The Three Years Performance Analysis Of Building Integrated PV System At Muğla University Campus In Turkey
Ş. Oktik, R. Eke, C. Suda
22nd European Photovoltaic Solar Energy Conference and Exhibition, Milan, September 2007
37. Photovoltaic Systems at Muğla University Campus,
Ş. Oktik
The 2nd Conference on Sustainable Energy, CSE, 3-5 of July 2008, Braşov, Romania
38. Small PV Applications at Muğla University
Ş. Özden, R. Eke, **Ş. Oktik**
Small PV Applications Symposium 25-26 May 2009, Ulm, Germany
39. Energy Barrier Calculations for p-i-n Solar Cells in Darkness and Under Illumination Using a Computer Algorithm Developed at Mugla University
A.S. Kavasoglu, N. Kavasoglu, O. Pakma, **S. Oktik**
The 24th European Photovoltaic Solar Energy Conference and Exhibition, 21-25 September 2009, Hamburg, Germany

40. Intensity Modulated Photocurrent Spectroscopy for Porous Si and Cu (In_xGa_{1-x}) Se₂ Solar Cells
N. Kavasoglu, A.S. Kavasoglu, O. Pakma, **S. Oktik**
The 24th European Photovoltaic Solar Energy Conference and Exhibition, 21-25 September 2009, Hamburg, Germany
41. Current Voltage Analyses for Cu(In,Ga)(S,Se)₂ Based Solar Cell by a New Approach
O. Pakma, A.S. Kavasoglu, N. Kavasoglu, **S. Oktik**
The 24th European Photovoltaic Solar Energy Conference and Exhibition, 21-25 September 2009, Hamburg, Germany
42. kWh/kWp Energy Yield Comparisons Of Single And Triple Junction Amorphous Silicon Modules at Facade Applications
S. Oktik, O. Fleck, R. Eke, S. Ozden,
The 24th European Photovoltaic Solar Energy Conference and Exhibition, 21-25 September 2009, Hamburg, Germany
43. Back-Contact Behaviour for Electrodeposited CdTe Solar Cells
S. Oktik, M.E. Ozsan
The 24th European Photovoltaic Solar Energy Conference and Exhibition, 21-25 September 2009, Hamburg, Germany
44. Small PV Applications at Muğla University
S. Ozden, R.Eke, **S. Oktik**
Symposium Small PV-Application: Rural Electrification and Commercial Use, Ulm, Germany, 25-26 May 2009
45. Rising Opportunities for Photovoltaic Power Systems in Turkey
S. Oktik (Invited)
The 19th International Photovoltaic Science and Engineering Conference and Exhibition, 9-13 November 2009, Korea
46. The Largest double-axis sun tracking PV System with electronic Control and photosensors in Turkey
R. Eke, S. Ozden, **S.Oktik**
The 25th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 September 2010, Feria Valencia in Valencia, Spain
47. Outdoor Performance Of Two PV Systems With Different Crystalline Silicon PV Modules After 5 Years Of Operation
R. Eke, Ş.Özden, **S. Oktik**
The 25th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 September 2010, Feria Valencia in Valencia, Spain
48. Fabrication And Electrical Characterization of ZnO/ SiO₂ /p-Si Structure wiith Outsized Diode Factor
N.Kavasoglu, A. S. Kavasogluab, O. Pakma, M. Kabakci , O. Birgi, S. Oktik
The 25th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 September 2010, Feria Valencia in Valencia, Spain
49. Simulation Of Deep And Shallow Traps In Typical Pn Junction Solar Cell Using Impedance Spectroscopy
G. Oylumluoglu, A. S. Kavasoglua, N.Kavasoglu, S. Oktik
25th European Photovoltaic Solar Energy Conference and Exhibition / 5th World Conference on Photovoltaic Energy Conversion, 6-10 September 2010, Valencia, Spain
50. Electrical Analysis And Numerical Simulation Of Porous Silicon Solar Cells
Ö. Tüzün, B. Metina, Ş. Oktik

The 25th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 September 2010, Feria Valencia in Valencia, Spain

51. Performance Results Of The First BIPV System Of Turkey After 7 Years Of Operation
R. Eke, S. Özden, A. Şentürk, **S. Oktik**
The 25th European Photovoltaic Solar Energy Conference and Exhibition, 6-10 September 2010, Feria Valencia in Valencia, Spain.
52. Photovoltaic Industry Road Map of Turkey
S. Oktik
The 12th Forum Solarpraxis 17-18 November 2011
53. Photovoltaic & Turkey
S. Oktik
"Mirror Group Meeting", 24/25 May 2011, Vilnius , Lithuania
54. How and When Turkish Industries Shall Join the "International PV Industry Value Chain"
S. Oktik
The Solar Balkans Conference, 14th April 2011 ,Sofia Bulgaria
55. Market and Policy Development in Turkey
S. Oktik
2011 Intersolar Europe Conference 6 June 2011 Munich Germany
56. Glass for Sustainable Society :Glass Production in Turkey & Regulatory Laws
S. Oktik
ICG 2013, 23rd International Congress on Glass, July 1-5 2013, Prague Czech Republic
57. PV & Turkey Facts & Figures, Market, Policy Updates and Perspectives
S. Oktik
Matching Italy -Turkey 30 January 2014 Rome Italy
58. Coatings on Glass
S. Oktik (Invited)
Six Balkan Conference on Glass Science and Technology 1-4 October 2014 Nessebar Bulgaria
59. Basics of Coatings on Glass by Physical Vapour Deposition (PVD) Process and Selected Results on Sputtered Low Emissivity Coatings
S. Oktik (Invited)
The 24th International Conference on Glass (ICG) Congress, 2016 Shanghai, 2016 p.84
60. Future of Architectural Glazing & Glazing for Automotive in Turkey & Middle East and North Africa Regions (invited)
S. Oktik
Glass Performance Days, Tampere Finland, 30 June 2017
61. Global business and market opportunities for architectural and automotive glass glazing
S. Oktik (Invited)
The 12th International Conference on Coatings on Glass and Plastics (ICCG 2018) June 2018
62. Turkish Electricity Industry & Photovoltaic Power Sector, (invited)
S. Oktik (Invited)
Taiwan Photovoltaic Conference, Taipei 2018
63. Multifunctional Coatings on Glass for Construction and Automotive Industries
S. Oktik (Opening Speech)
Glass Performance Days 2019 June 26-28,
2019 Tampere Finland

64. Update of Multifunctional Coatings on Glass for Construction and Automotive Industries
S. Oktik (Invited)
The 25th International Congress on Glass (ICG2019) 9-14 June 2019 Boston USA
65. Yet another new frontier for photovoltaic power generation: Selectively absorbing highly transparent organic photovoltaic solar cells
S. Oktik (Invited)
14th International Conference on Solid State Chemistry, 13-17 June, 2021, Trenčín, Slovakia

Conference, Congress, Syposiums & workshops in Turkey (National & International)

1. Digital Transformation Paradoxes and Glass Industry
Sener Oktik (Opening Speech)
The 12th Annual International Conference on Industrial Engineering and Operations Management, 7-10 March 2022 Hilton Bomonti, Istanbul, Turkey
2. Photovoltaic Module Recycling Quo Vadis?
S. Oktik (Invited)
11th International 100% Photovoltaic Energy Conference 20-22 May 2021 (Online)
3. Fotovoltaik Güç Sistemleri ve Çatı Uygulamaları
S.Oktik
E Vision Series Haziran 2021 (online)
4. Güneş Enerjisini Verimli Kullanmak ve Fotovoltaik Dönüşüm
S. Oktik (Invited)
Enerji 4.0: Yenilenebilir Enerji Teknolojileri Konferansı - Sustaining the power of future, BMI Conferences, 20 Şubat 2020, Point Hotel Barbaros, İstanbul
5. Transparent Photovoltaic Solar Cells and Solar Windows
S. Oktik (Invited)
PVCon 2020 2nd International Conference on Photovoltaic Science and Technologies, 30 Nov - 2 Dec 2020, METU Ankara – Turkey
6. Üretimde Dijital Dönüşüm ve İnavasyon
S. Oktik (Invited)
3. Akıllı Fabrikalar ve Process Yönetimi Konferansı, Pronto Eventi , 05 Şubat 2020 Marriot Hotel Asia Ataşehir İstanbul
7. Şişecam & Doğalgaz Sistemlerinde Hidrojen
S. Oktik (Invited)
ETKB Enerjide Arama Buluşmaları: Hidrojen 15 Ocak 2020 ETKB Konferans Salonu Ankara
8. Güneş Enerjisinden Elektrik Üretme Sektörünün Gelişiminde Son Kullanıcı ve Paydaşlar
S. Oktik (Invited)
Güneydoğu Enerji Forumu, Gaziantep EMO ve Ticaret Odası 26 Kasım 2019

9. Dördüncü Endüstri Devrimi ve Cam Sektörü
S.Oktik (Invited)
TMOB Elektrik Mühendisleri Odası, İzmir Şubesi VI..Elektrik Tesisast Ulusal Kongresi ve Sergisi 16-19 Ekim 2019 İzmir
10. A brief review of common failures updates through a life cycle of wafer-based crystalline photovoltaic modules
Sener Oktik, (Invited). “
IRENEC 2019 the 9th 100% Renewable Energy Conference 24-26 April 2019,Istanbul
11. Glass Science &Technology: Boron in Glass and Glass Fibers”,
Sener Oktik, Hande Sesigür, Atilla Ünsal, İlkay Sokmen, Atilla, Çebi (invited)
“The International Conference on Boron in Cappadocia (ICBOR’19) Nevsehir 17—19 April 2019
12. Dünyada ve Ülkemizde Enerjiyi Verimli Dönüştürmek ve Verimli Tüketmek
S.Oktik (Invited)
TMMOB Makina Mühendisleri Odası V. Enerji Verimliliği Kongresi ve Sergisi 18-19 Ekim 2019 Gebze Teknik Üniversitesi, Gebze Kocaeli 2019
13. “Multilayered Multifunctional Thin Film Coatings on Glass”,
Sener Oktik (Invited).
Turkish Physical Society 35th International Physics Congress 4-8 September 2019 Bodrum Turkey
14. “Energy Saving Coatings On Glass For Construction And Transport Industries”,
Sener Oktik (Invited).
World Energy Strategies Congress and Exhibition (WESCE-2019), August 26-28, 2019, Yıldız Technical University, Istanbul, Turkey
15. 21. Yüzyılın Zorlu Sorusu: Dördüncü Endüstri Devrimi İş Dünyasını ve Günlük Yaşamımızı Nasıl Değiştirecek?
S. Oktik (Invited)
Fizik Mühendisliği Öğrencileri Sektör Temsilcileriyle Buluşuyor
12 Mayıs 2018 Cumartesi, A. Ü. Eczacılık Fak. Bayer Salonu, Tandoğan – ANKARA
16. Bilim, Teknoloji ve Sanayi Üçlemesi ve Artan Egemenliğinin Geleceği Şekillendirmesi
S.Oktik (Invited)
Adım Fizik Günleri VII, Adana Menderes Üniversitesi 23-25 Mayıs 2018 Aydın
17. Bilim, Teknoloji ve Sanayi Üçlemesinin Artan Egemenliği ve Gelecek
S.Oktik (Invited)
21. Avrasya Ekonomi Zirvesi 11-12 Nisan 2018, WOW Hotel Kongre Merkezi İstanbul
18. Endüstriyel Fizik: Endüstrinin Fizikçi/Fizik Mühendislerinden Bilgi, Beceri ve Yetkinlik Beklentileri
S. Oktik (Invited)
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi Bodrum Herodot Kültür Merkezi, 6-10 Eylül 2017
19. Endüstrinin Fizik Mühendislerinden Bilgi, Beceri ve Yetkinlik Üzerinden Beklentileri
S.Oktik (Invited)
Tmmob Fizik Mühendisleri Odası Vi. Fizik Mühendisliği Eğitim Çalıştayı
13 Mayıs 2017, Gaziantep
20. FV sektöründe Performans ve Kalitenin Önemi
S.Oktik (Invited)
Fizik Mühendisleri Odası, Fotovoltaik Çalıştayı III, Hacettepe Üniversitesi 5 Ekim 2017

21. Elektrik Enerjisi Sektöründe Oyun Değiştiriciler:Güneş Enerjisi Santralleri, GES
S.Oktik (Invited)
EIF Uluslararası Enerji Kongresi ve Fuarı 08-10 Kasım 2017
22. Sanayi Kuruluşlarının Araştırma ve Teknolojik Geliştirme ve İnovasyon Yetkinliğinin Geliştirilmesinde OSB'lerin Öncülüğü
S.Oktik (Invited)
Üniversite Sanayi İşbirliği Merkezleri Platformu, İstanbul 2017
23. 21. Yüzyılın Zorlu Sorusu: Dördüncü Endüstri Devrimi İş Dünyasını ve Günlük Yaşamımızı Nasıl Değiştirecek?
S.Oktik (Invited)
Sinerji'17 Kişisel Gelişim, Girişim ve Teknoloji Zirvesi 20-21 Mart 2017 Selçuk Üniversitesi Konya
24. Üniversite Ve Sanayi İşbirliği İçin Etkin Platform
S.Oktik (Invited)
İstanbul Sanayi Odası Seminerleri: Teknoloji Geliştirmede İsrail Deneyimi Ve İşbirliği Fırsatları InterContinental Otel, Taksim, 23 Mayıs 2017
25. Elektrik Enerjisi Pazarında Yeni Oyuncular Fotovoltaik Güç Sistemleri (Güneş Enerjisi Santralleri, GES)
S.Oktik (invited)
TMMOB Makine Mühendisleri Odası, 7. Güneş Enerjisi Sistemleri Sempozyumu 22-23 Eylül 2017 Mersin
26. Fotovoltaik Değer Zincirinde Kariyer Yol Haritalarının Bugünü ve Geleceği
S.Oktik (Invited)
ODTÜ, Kariyer Fuarı 2-3 Kasım 2017, ODTÜ Kültür ve Kongre Merkezi, Ankara
27. A New Era in Electronics : «Printed Electronics» & Application Perspectives for Ultra-thin Glass
S.Oktik (Invited)
International Congress on Semiconductor Materials and Devices, (invited) August 17-19, 2017 Konya-Turkey
28. 21. Yüzyıl Enerji Dengelerinde Temiz ve Tükenmez Enerji Kaynaklarının Yarattığı Paradigma Kayması
S.Oktik
TMMOB, MMO IV. Enerji Verimliliği Kongresi, Kocaeli Üniversitesi, 13-14 Ekim 2017
29. Renewable Energies and A Paradigm Shift in Energy Portfolios in 21st Century(invited)
S.Oktik
IRENEC, May 2016
30. Ultra-thin glass & roll-to-roll processing: A brief summary of the status (invited)
S.Oktik
Science & Applications of Thin Films Conference & Exhibition September 19th – 23rd, 2016, Cesme, Izmir, Turkey
31. Fikirlerden Ürünlere / Hizmetlere Ve Teknolojilere Giderken ...Endüstrinin Yükseköğrenim Çıktılarından Bekledikleri
S.Oktik
İstanbul Teknik Üniversitesi 23. Endüstri Mühendisliği Öğrenci Sempozyumu 3 Şubat 2016

32. 21. Yüzyıl Enerji Dengelerinde Temiz ve Tükenmez Enerji Kaynaklarının Yarattığı Paradigma Kayması
S.Oktik
Bilgi Üniversitesi, Enerji Sistemleri Bölümü Semineri 18 Mart 2016
33. Türkiye’de İnovasyon & Endüstri 4.0
S. Oktik
Türkiye İhracatçıları Merkezi TİM, Türkiye İnovasyon Haftası, Adana 27,28 Ekim 2016
34. Endüstriyel Araştırma ve Teknolojik Geliştirme/Üretim ve Sanayinin Fizik/ Fizik Mühendisliği Öğrenim Çıktılarından Bekledikleri
S.Oktik
İstanbul Teknik Üniversitesi, Fen Edebiyat Fakültesi Fizik Mühendisliği Bölümü, 22 Kasım 2015
35. 21. Yüzyıl Enerji Dengelerinde Temiz ve Tükenmez Enerji Kaynaklarının Yarattığı Paradigma Kayması
S.Oktik
VII: Yenilenebilir Enerji Kaynakları Sempozyumu, TMMOB EMO Adana Şubesi 15-16 Ekim 2015 Adana
36. Güneş Enerjisinden Doğrudan Elektrik Enerjisi Üretme (Fotovoltaik) Sektörü ve Türkiye için Fırsatlar ve Tehditler
S.Oktik
Erzincan Üniversitesi, Güneş Enerjisi Sempozyumu, 2015 Erzincan
37. Fotovoltaik Sektörü Değer Zinciri Türkiye için Fırsatlar ve Tehditler
S. Oktik
6. Türkiye Enerji Zirvesi, 12-13 Ekim 2015 Konya
38. Photovoltaics in Turkey
S.Oktik
Deutsch-türkisches Solarenergieforum., Kompetenz aus Baden-Württemberg für den Ausbau der Solarenergiegewinnung in der Türkei, 01 Ekim 2015, Marti Istanbul Hotel, Taksim Istanbul
39. Yaşam Boyu Ezberlerimiz ve Ezberleri Bozmak
S.Oktik
Genç Akademi, Ankara 25 Aralık 2015
40. Glass and OLED Displays,
S. Oktik
Society for Information Display Mid-Europe Chapter, Spring Meeting 2014, April 7-8, 2014, Sabancı University, Istanbul, Turkey
41. Dünya Fotovoltaik Pazarı Türkiye için Fırsatlar ve Tehditler
S. Oktik
5. Türkiye Enerji Zirvesi, Enerji ve Tabii Kaynaklar Bakanlığı, EPDK Gaziantep 2014
42. Güneş Enerjisinden Doğrudan Elektrik Enerjisi Elde Etme (Fotovoltaik) Sektörü ve Mimaride Fotovoltaik Modüllerin Bugünü ve Geleceği
S. Oktik
TMMOB Elektrik Mühendisleri Odası İzmir Şubesi III: Elektrik Tesisat Ulusal Kongresi ve Sergisi, Güç Sistemleri sempozyumu 21-24 Kasım 2013 Tepekule İzmir
43. Türk Fotovoltaik Sektöründe Paradigma Kayması
S.Oktik
Türkiye Almanya Fotovoltaik/ Solar Termal Alman-Türk Ticaret ve Sanayi Odası 22.02.2011 Cevahir Convention Centre, Istanbul

44. Foton Akısı Modülasyonu Altında Güneş Gözesi Kısa Devre Akımının incelenmesi
A.Sertap Kavasoglu, Nese Kavasoglu, Ozcan Birgi, Osman Pakma, **Sener Oktik**
16. Yoğun Madde Fiziği Ankara Toplantısı, Gazi Üniversitesi, 06 Kasım 2009.
45. ZnO/CdS/CuIn(Se,S)₂ Heteroeklem Güneş Pillerinde Admittans Spektroskopisi
Osman Pakma, **Sener Oktik**, Mircea Turcu, Uwe Rau ve H.W.Schock
14. Yoğun Madde Fiziği- Ankara Toplantısı Hacettepe Üniversitesi, 2 Kasım 2007
46. Energy,Photovoltaic & Türkiye
Ş. Oktik (Invited)
Nanomat 2008, Workshop on Advanced Materials and Devices for Photovoltaic Applications,
24-25 April 2008, METU, Ankara, TURKEY.
47. Türk Yükseköğretiminde Yeterlilikler Çerçevesine Doğru...“Durum, Sorunlar ve Planlar”
Ş. Oktik
16. MÜHENDİSLİK DEKANLARI KONSEYİ TOPLANTISI
Erciyes Üniversitesi, Mühendislik Fakültesi, Kayseri, 2-4 Mayıs 2008
48. Fotovoltaik Sistemlerin Bodrum’da Uygulanabilirliği
R.Eke, **Ş. Oktik**
Bodrum Yarımadası’nın Çevresel ve Yapısal Geleceği, 6-9 Mart 2008, Bodrum
49. Investigation Of Temperature Dependent Open-Circuit Voltage Decay At Novel Si Solar Cell
N. Kavasoglu, A.Sertap Kavasoglu, Ö. Isler, **Ş.Oktik**
TFD25, Türk Fizik Derneği 25. Uluslar arası Fizik Kongresi, 25-29 Ağustos 2008, Bodrum,
Türkiye
50. Muğla Üniversitesi Yerleşkesinde Bulunan 15 kWp Kurulu Güce Sahip Fotovoltaik (PV)
Sistemin Güç Kalitesinin İncelenmesi ve Şebeke Karakteristikleri İle Karşılaştırılması
A. Kalay, R. Eke, **Ş. Oktik**
TFD25, Türk Fizik Derneği 25. Uluslar Arası Fizik Kongresi, 25-29 Ağustos 2008, Bodrum,
Türkiye
51. Muğla Üniversitesi Rektörlük Hizmet Binasında Türkiye’nin Güneş Enerjisinden Elektrik
Enerjisi Üreten “Binaya Entegre İlk Fotovoltaik (PV) Cephe Kaplama” Uygulaması”
R. Eke, Ş. Özden, **Ş. Oktik**
TFD25, Türk Fizik Derneği 25. Uluslar arası Fizik Kongresi, 25-29 Ağustos 2008, Bodrum,
Türkiye
52. On PV National PV Programmes, and Turkey,
Ş. Oktik
European Photovoltaic Technology Platform , 6th Mirror Group Meeting, Muğla, October 2007
53. Towards a National Qualifications Framework for Turkey: Status, Issues and Plans
Ş. Oktik
National Conference On Qualifications Framework, Mugla University, Turkey, September
2007
54. Low-Cost Multi-Channel Temperature Measurement System: Its Applications To Photovoltaic
Systems
R. Eke, A.S. Kavasoglu, N. Kavasoglu, C. Suda, **S. Oktik**
24th International Congress of Turkish Physical Society, Malatya, Turkey, August 2007
55. Peculiarities of Thermotropic Behaviour of Homeotropic and Schlieren Textures in
Monomorphic Mesiogen
N. Avci, A. Nesrullazade, **S.Oktik**

24th International Congress of Turkish Physical Society, Malatya, Turkey, August 2007

56. Through MW to GW in Solar Electricity with Photovoltaic Power Plants
S.Oktik
TFD24, Turkish Physical Society 24th International Physics Congress, Malatya, Turkey, August 2007
57. Peculiarities of biphasic regions at phase transition in oriented textures of 4-cyano--n-pentylbiphenyl
A. Nesrullazade, N. Avci, **S.Oktik**
6th International Conference of the Balkan Physical Union, Istanbul, Türkiye, August 2006
58. Thermo-optical Properties of Liquid Crystals at the Direct and Reverse Phase Transitions Between Nematic Mesophase and Isotropic Liquid
N. Avci, A. Nesrullazade, **S.Oktik**
6th International Conference of the Balkan Physical Union, Istanbul, Turkey, August 2006
59. Properties of Liquid Crystals at the Direct and Reverse Phase Transitions Between Nematic Mesophase and Isotropic Liquid
N. Avci, A. Nesrullazade, **Ş. Oktik**
6th International Conference of the Balkan Physical Union, Istanbul, Turkey, August 2006
60. Technologies for Direct Conversion of Sunlight into Electricity: Strategic Research Agenda for EU and Turkey
Ş. Oktik
6th International Conference of the Balkan Physical Union, Istanbul, Turkey, August 2006
61. Dilute Magnetic Semiconductor Mercury Manganese Telluride Epilayers Grown by MOVPE, International Conference on superlattices
Ş. Oktik
Nano-Structures and Nano-Devices, Istanbul, Turkey, August
62. İşletme Koşullarında Güneş Pili Parametrelerinin Belirlenmesi
R. Eke, **Ş. Oktik**, M. Çolak,
I.Ulusal Güneş ve Hidrojen Enerjisi Kongresi, Eskişehir, 2006
63. Effect of Thickness of Liquid Crystalline Layer on the Phase Transition Peculiarities in Monomorphic Nematogen
A. Nesrullazade, Ö. Polat, **Ş. Oktik**
The World Year of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla, Turkey, September 2005
64. 25,6 KWp Bina Entegreli Fotovoltaik Güç Sisteminin Çevre Koşulları Altındaki İki Yıllık Performansı
C. Tozlu, **Ş. Oktik**, C. Suda
The World Year of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla, Turkey, September 2005
65. Change of Morphologic Properties in Schiff Based Thermotropic Nematogens: Specific and Non-Specific Textures
A. Nesrullazade, Ö. Polat, **Ş. Oktik**
The World Year of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla, Turkey, September 2005
66. Muğla ilindeki Termik Santrallerin Bacalarından Çıkan Gaz Ve Partiküllerin Dağılımının Modellenmesi
A. Bekmezci, **Ş. Oktik**, B. Öner

The World Year Of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla, Turkey, September 2005

67. Güneş Işınımının 200-1100 Nm Arasında Spectral Analizi Yoluyla Muğla Atmosferinde NO₂, SO₂ Ve Ozon Gazlarının Miktarlarının Belirlenmesi
V. Şimşek, **Ş. Oktik**, K. Cankoçak
The World Year of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla, Turkey, September 2005
68. Gözenekli Silisyum Güneş Pillerinin Arayüzey Durumları
Ö. Tüzün, **Ş. Oktik**, Ş. Altındal
The World Year of Physics 2005-Turkish Physical Society 23rd International Physics Congress, Mugla
69. Güneş Enerjisi ve Muğla Üniversitesi Temiz Enerji Kaynakları Araştırma Geliştirme Merkezi Uygulamaları
Ş. Oktik, C. Tozlu, R. Eke, M. Eltez,
24. Enerji Verimliliği Haftası Etkinlikleri, Ankara, 2005
70. Fotovoltaik Gerçek Bir Güç Kaynağı mıdır?
R. Eke, **Ş. Oktik**
IV. Yenilenebilir Enerjiler Sanayi Sergisi ve Sempozyumu, İzmir, 2005
71. Güneş Enerjisi ve Muğla Üniversitesi Temiz Enerji Kaynakları Araştırma Geliştirme Merkezi Uygulamaları
Ş. Oktik, C. Tozlu, R. Eke, M. Eltez,
24. Enerji Verimliliği Haftası Etkinlikleri, 17-18 Şubat, Ankara, 2005
72. Peculiarities Of Thermic Hysteresis At The Smectic A & Isotropic Liquid Phase Transition
A. Nesrullazade, **Ş. Oktik**
22th Congress of Turkish Physical Society, Bodrum, Turkey, 2004
73. Fotovoltaik Güç Sistemlerinde Kayıpların Modellenmesi
R. Eke, **Ş. Oktik**
Güneş Günü99, Kayseri, 2002
74. 54kW Şebeke Bağlantılı PV Güç Sistemnn Modellenmesi
R. Eke, **Ş. Oktik**
III.Ulusal Temiz Enerji Sempozyumu, İstanbul, 2000
75. Güneş-Elektrik Dönüşümleri ve PV Güç Sistemleri
R.Eke, **Ş. Oktik**
Enerji Kaynakları Sempozyumu Çanakkale, 2000
76. p-Cu(In,Ga)Se₂/n-CdS Heteroeklem Güneş Pilinin Elektriksel Karakterizasyonu
H. Bayhan, S. Kavasoglu, **Ş. Oktik**
TFD2000, Türk Fizik Derneği 19. Fizik Kongresi, Elazığ, 2000
77. 4Wp Gücünde Şebekeye Bağlı PV Güç Sisteminn Performansının Simulasyon ile Karşılaştırılması
R. Eke, **Ş. Oktik**, F.B. Alaçakir
TFD2000, Türk Fizik Derneği 19. Fizik Kongresi, Elazığ, 2000
78. 54kW Şebeke Bağlantılı PV Güç Sistemnn Modellenmesi
R.Eke, **S.Oktik**
III.Ulusal Temiz Enerji Sempozyumu, 15-17 Kasım 2000,İstanbul
79. Yatağan,Yeniköy ve Kemerköy Termik Santrallerinn Bacalarından Çıkan Gaz ve Partiküllern Dağılımın Modellenmesi

A.Bekmezci, **Ş. Oktik**

III.Ulusal Temiz Enerji Sempozyumu, İstanbul, 2000

80. Fotovoltaik Pillerin yapıları, Çalışmaları ve Fotovoltaik Güç Sistemlerim Tsarımı

Ş.Oktik

Yenilebilir Enerji Kaynaklarından Güneş ve Rüzgarın Deniz ve Kültür Balıkçılığında Kullanım Olanakları ve Teknolojileri Sempozyumu, 28-29 Mayıs 1998, İzmir

81. Güneş Pillerinin Bugünü ve Geleceği

S.Oktik

Güneş Günü Sempozyumu ve Fuarı 19-21 Haziran 1998 İzmir

82. Deposition of ZnO Layers on Thermoplastics by Low Temperature Spray Pyrolysis for Solar Energy Applications

Ş. Oktik

Proceedings of Workshop on "Recent Advances in Solar Energy Technologies" İstanbul July 1996 (Yayın tarihi 1997)

83. Üniversite Sanayi İşbirliği ve AR-GE

Ş.Oktik

Yuzyıla Doğru Denizli Sanayi Sempozyumu Bildirileri Ekim 1997 p..23

84. Güneş Elektrik Dönüşümleri: Fotovoltaik Piller

Ş.Oktik

TUBİTAK, Yenilenebilir Enerjiler Konferansı, Nisan 1996, Ankara

85. n-CdS Tek Kristaller Üzerinde p-Cu₂S Tabakaların Oluşumu

S.Oktik

V. TFD Fizik Kongresi 7-9 Eylül 1983 İstanbul Üniversitesi Fen fakültesi İstanbul

Books and Chapters in Books, Magazines & Reports

International

1. Photovoltaic Devices on CdS and (Cd,Zn)S Single Crystals
S. Oktik,
Ph.D Thesis, 1982, University of Durham, England (Online: <http://etheses.dur.ac.uk/7516/>)
2. Functional Glasses: Properties and Applications for Energy and Information, Lehigh University 2013 (https://dc.engconfintl.org/functional_glasses/)
Section: **S. Oktik** : Photovoltaic Industry & Role of Glass for Reducing the Cost of Solar Energy
3. Status of Phovoltaics 2008, in the Europena Union New Member States and Croatia and Turkey **S. Oktik**, the section on Turkey
4. Energy View of BSEC Countries 2008
S. Oktik (The chapter on Turkey)
Prometias The Energy and Climate ChancePolicy Network , Athens 2008, pp.395-423
5. "Thin-Film Technologies for Glass Surfaces
Sener Oktik, İlkay Sökmen, and Klaus Bange.."
Encyclopedia of Glass Science, Technology, History, and Culture volume 1 Chapter 6.8 (2021) pp. 763-774
6. Modification technologies of glass surfaces
Ilkay Sökmen, **Sener Oktik** and Klaus Bange

National

1. Fotovoltaik Güneş Gözeleri ve Güç Sistemleri
S.Oktik
ISBN:975-8547-06-2 Tubitak Matbası 2001 Kasım Ankara
(MEB talim terbiye Kurulu tarafından on yıl süreyle orta öğretim okulları için tavsiyesi uygun bulunmuştur)
2. Türkiye'nin ve Dünyanın Enerji Sorununa Nihayi Çözüm : Güneş Enerjisi
S.Oktik
TUBİTAK Bilim Teknik Dergisi Haziran 2011 pp.44-49
3. R. Eke, Ş. Oktik, Güneş Enerjisinden Elektrik Enerjisi Üretmek ve Muğla Üniversitesi Yerleşkesindeki Uygulamalar, Tesisat, 2005
4. Şener OKTİK, Fotovoltaik Güneş Pilleri ve Güç Sistemleri Dünü, Bugünü ve Yarını, Çorum Çevre Dergisi, 2000
5. Sener Oktik . "Fotovoltaik Dönüşümünde Gözeler ve Modüllerin Bitmeyen Yolculuğu..."
Yeni Türkiye Dergisi, Yenilenebilir Enerji Özel Sayısı, Ocak-Nisan 2021, Cilt2 pp 210-221

PATENTS

1. Producing a Layer of Transparent Conductive Zinc Oxide
S. Oktik
Patent no: GB:88.08036.1 ; Eur. No: 89302495,
2. Ohmic Contact for Photovoltaic Cells by Depositing Gp=IB Metal Salt on a Semiconductor Prior to Washing off, Providing Longer Life Ohmic Contact
D. R. Johnson, S. Oktik, M.E. Ozsan, M. H. Patterson
BP Solar Ltd. Patent No: GB-023684; HOIL 21/445/ WO 9309568

Projects:

1. EuroCad (1990) Thin Film CdTe For Photovoltaic Application, EU consortium Project (1990)
2. Research and Demonstration of Advanced Silicon PV Technology for Terrestrial Application in Ukraine, NATO- 2001, Science for Peace Programme (971829) (Nato Consultant)
3. The first modul production line in Turkey Turkish Science and Technology Council , Marmara Research Center 2007:Proje No : 5072720
4. Low-Cost Non-vacuum Thin/Thick Film Technologies ; A Joint Project between ICI and Durham University Industrial Research Labs UK 1986-1987
5. Integration of Grid connected 54kW Photovoltaic Power Systems on Mugla University State Planning Project 2001

