

YAYINLAR

Makaleler

- A. Aksoy, Ö. Karşlı, Ö. Yavaş, "The Turkish Accelerator Complex IR FEL Facility, Infrared Physics & Technology v:51, (2008), p:378-381
- A. Aksoy, D. Schulte, Ö. Yavaş, "Beam Dynamics Simulation For The Clic Drive-Beam Accelerator", Physical Review Special Topics Accelerators and Beams, 14, (2011), 084402
- A. Aksoy, U. Lehnert, "Beam transport and bunch compression at TARLA", Nuclear Instruments and Methods in Physics Research A, 762, (2014), 54–63
- A. Aksoy, "Design of Turkish Accelerator and Radiation Laboratory in Ankara (TARLA) facility injector magnets", Turkish Journal of Physics, 41, (2017), 171-181, doi:10.3906/fiz-1701-6
- A. Kilic, F. Kocak, E. Pilicer, I. Tapan, E. N. Ozmutlu, "Effect Of Neutrons To The Silicon Avalanche Photodiode", Balkan Physics Letters, BPL, Volume 20, 201024, p208-214, 2012
- A. Kilic, E. Pilicer, I. Tapan, E. N. Ozmutlu, "Simulation of displacement damage for silicon avalanche photo-diodes", Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 658, Issue 1, p70- 72, 2011, DOI: 10.1016/j.nima.2011.05.073
- Aydın Ayhan, Kasap Ergün (2017). Design studies for the beam position monitor (BPM) frontend electronics of the Turkish accelerator and radiation laboratory in Ankara (TARLA). Turkish Journal of Physics, 41(3), 269-276., Doi: 10.3906/ z-1702-13 (Yayın No: 3555761)
- Aydın, A., Tel, E., Kaplan, A., Calculation of 14 – 15 MeV (n, d) Reaction Cross Sections Using Newly Evaluated Empirical and Semi-empirical Systematics , J. Fusion Energ. 27 (2008) 308-313.
- Aydın, A., Tel, E., Şarer, B., Kaplan, A., A new comparison of empirical and semi – empirical formulae for the (n, 3He) reaction cross -sections at 14 – 15 MeV, J. Fusion Energ. 27 (2008) 314-320.
- Aydın A, E. Tel, B. Sarer, New Calculation excitation functions proton induced reactions in some medical isotopes of Cu, Zn and Ga, Applied Radiation and Isotopes, 65, 365 – 370 (2007)
- Aydın A, B. Sarer, E. Tel, Investigation of the (n, p) reaction cross sections some nuclei in the rare – earth for an incident energy range of 8-24 MeV, Physica Scripta. 75, 299 – 306 (2007)

- Aydın, A., Yalın, H. A., Tel, E., Şarer, B., Ünal, R., Sarpün, İ. H., Kaplan, A., Dağ, M., Level density parameter dependence of the fission cross sections of some subactinide nuclei induced by protons with the incident energy up to 250 MeV, *Ann. Nucl. Energy*, 36 (9), 1307-1312 (2009)
- Aydın, A., Türeçci, G., Tel, E., Kaplan, A., Investigation of Deuteron Emission Spectra at 62 MeV Proton Incident Energy, *J. Fusion Energ.* 29 (4) 327-331 (2010)
- A. Aydın, H. Pekdoğan, E. Tel, A. Kaplan, Nuclear Model Calculations on the Production of Xe-125, Xe-123 and Ba-133, Ba-131, Ba-129, Ba-128 Radioisotopes, *Physics of Atomic Nuclei*, 75 (3), P: 310-314 (2012)
- Aydın, E.G., Tel, E., Kaplan, A., Aydın, A., Equilibrium and Pre-equilibrium Calculations of Neutron Production In Medium-Heavy Targets Irradiated By Protons Up to 100 MeV, *Ann. Nucl. Energy*, 35 (12), P: 2306 – 2312 (2008)
- Aydın, E.G., Tel, E., Kaplan, A., Aydın, A., New Calculations of Excitation Functions of Some Positron Emitting and Single Photon Emitting Radioisotopes *Kerntechnik*. 73 (4) P: 184 – 189 (2008)
- Aydın, E.G., Tel, E., Kaplan, A., Aydın, A. ,New Calculations of Excitation Functions of Some Positron Emitting and Single Photon Emitting Radioisotopes , *Kerntechnik*. 73 (4) 184–189 (2009)
- Aydın, E.G., Tel, E., Kaplan, A., Aydın, A., Equilibrium and Pre-equilibrium Calculations of Neutron Production In Medium-Heavy Targets Irradiated By Protons Up to 100 MeV, *Ann. Nucl. Energy*, 35(12), 2306–2312 (2009)
- A.Çalışkan and M. Yılmaz, 100 MeV Energy DTL Design for TAC Linear Proton Accelerator, *Balkan Phys. Lett*, 14 (4), p.135-143 (2007)
- A.Çalışkan, M.Yılmaz, DTL Design For TAC Proton Accelerator, *Chinese Physics C*2011 (2011)
- A. Kaplan, E. Tel, E. G. Aydın, A. Aydın, M. Yılmaz, Spallation neutron emission spectra in medium and heavy target nuclei by a proton beam up to 140 MeV energy, *Applied Radiation and Isotopes J.*, (2008)
- A.K. Çiftçi, R. Çiftçi, S. Sultansoy, Anomalous Single Production of the Fourth Generation Neutrino at Future ep Colliders *Phys.Lett.B*660:534-538, 2008. e-Print: arXiv:0711.4153 [hep-ph].
- A. Billur, A. K. Çiftçi, R. Çiftçi, S. C. İnan, S. Sultansoy, Production of the Randall-Sundrum type Kaluza-Klein Excitations at future e+e-, ep and pp Colliders 6th International Student Conference of The Balkan Physical Union, İstanbul, *AIP Conf. Proc.* 899: 187-188

- A.A. Billur, A.K. Ciftci, R. Ciftci, S.C. Inan, S. Sultansoy
Production of the Randall-Sundrum type Kaluza-Klein excitations at future $e^+ e^-$, $e p$ and $p p$ colliders. AIP Conf. Proc. Vol. 899:187-188 (2007)
- A.K. Ciftci, R. Ciftci, S. Sultansoy, H. D. Yildiz, Single anomalous production of the fourth SM family quarks at future $e^+ e^-$, $e p$, and $p p$ colliders, AIP Conf. Proc. Vol. 899: 227-228 (2007)
- A.K. Ciftci, H. Aksakal, Z. Nergiz, High energy photon beam generation for QCD explorer based gamma p colliders. AIP Conf. Proc. Vol. 899:211-212 (2007)
- A.K. Ciftci, R. Ciftci, H. Karadeniz, S. Sultansoy, H. D. Yildiz, Single anomalous production of the fourth SM family leptons at future $e^+ e^-$, $e p$ and pp colliders. AIP Conf. Proc. Vol. 899:191-192 (2007)
- A.K. Ciftci, H. Aksakal, Z. Nergiz, Analytical expression for the luminosity of gamma-p colliders. AIP Conf. Proc. Vol. 899:183-184 (2007)
- A.K. Ciftci, Turkic contributions to the CLIC project ,AIP Conf. Proc. Vol. 899:181-182 (2007)
- A. K. Çiftçi, R. Çiftçi, S. Sultansoy, H. D. Yıldız, Single Anomalous Production of the fourth SM Family Quarks at future e^+e^- , ep and pp Colliders, 6th International Student Conference of The Balkan Physical Union, İstanbul, AIP Conf. Proc. 899: 227-228
- A. K. Çiftçi, H. Aksakal, Z. Nergiz, High Energy Photon Beam Generation for QCD Explorer Based Gamma p Colliders, 6th International Student Conference of The Balkan Physical Union, İstanbul, AIP Conf. Proc. 899: 211-212
- A. K. Çiftçi, R. Çiftçi, H. Karadeniz, S. Sultansoy, H. D. Yıldız, Single Anomalous Production of the fourth SM Family Leptons at future e^+e^- , ep and pp Colliders 6th International Student Conference of The Balkan Physical Union, İstanbul, AIP Conf. Proc. 899: 191-192
- A. K. Çiftçi, H. Aksakal, Z. Nergiz, Analytical Expression for the Luminosity of gamma-p Colliders, 6th International Student Conference of The Balkan Physical Union, İstanbul, AIP Conf. Proc. 899: 183-184
- A.K. Çiftçi, Turkic Contribution to the CLIC Project, 6th International Student Conference of The Balkan Physical Union, İstanbul, AIP Conf. Proc. 899: 181-182
- A.K.Çiftçi, R.Çiftçi, H.Yıldız, K.Zengin , Beam dynamics issues and synchrotron radiation on TAC-SR, Nuclear Instruments and Methods in Physics Research A, 675 P: 34-39 (2012)
- A. Ozansoy, Indirect Search for Excited Electrons at Linear Collides, Balkan Physics Letters (BPL) 181030, 227-236 (2010)

- A.Ozansoy and Billur A.A., Search for excited electrons through gamma gamma scattering, Phys. Rev. D 86, 055008 (2012)
- A. N. Yüksel, Ö. Yavaş, Beam Transport Line (BTL) Design Studies for 15-30 MeV Proton Beam for R&D Studies, Balkan Physics Letters, 19 (2011) 428-437
- B. Ketenoğlu, Ö. Yavaş. Energy recovery linac as an alternative option for TAC and QCD-E projects, Balkan Physics Letters 17 (2009) 311 - 314.
- B. Ketenoğlu, Ö. Yavaş. Plans for SASE FEL facility in frame of the TAC project, Balkan Physics Letters 16 (2009) 161008.
- B. Ketenoğlu, Ö. Yavaş. An asynchronously operating ERL-Ring type collider proposal for the TAC particle factory and SASE FEL facility, Balkan Physics Letters 18 (2010) 142 - 148.
- B. Ketenoğlu, Ö. Yavaş. A SASE free electron laser optimization based on new generation in-vacuum undulators, Optics & Laser Technology 44 (2012) 1083 - 1088.
- B. Ketenoğlu, Ö. Yavaş. Optimization considerations for a SASE free electron laser based on a superconducting undulator, Optik-International Journal for Light and Electron Optics 123 (2012) 1006-1009.
- B. Ketenoğlu, Ö. Yavaş. An X-ray SASE FEL optimization based on various in-vacuum undulator configurations, Balkan Physics Letters 21 (2013) 211023 215 - 226.
- Y. Li, B. Ketenoğlu, J. Pflueger. Girder deformation related phase errors on the undulators for the European X-ray free electron laser, Physical Review Special Topics Accelerators and Beams 18 (2015) 060704.
- Y. Li, S. Abeghyan, K. Berndgen, M. Bagha-Shanjani, G. Deron, U. Englisch, S. Karabekyan, B. Ketenoğlu, M. Knoll, F. Wolff-Fabris, M. Viehweger, M. Yakopov, J. Pflueger. Magnetic measurement techniques for the large-scale production of undulator segments for the European XFEL, Synchrotron Radiation News 28 No:3 (2015) 23 - 28.
- B. Ketenoğlu, et al., Transfer of the magnetic axis of an undulator to mechanical fiducial marks of a laser tracker system, Nuclear Instruments and Methods in Physics Research A 808 (2016) 135 - 140.
- A. C. Canbay, U. Kaya, B. Ketenoğlu, B. B. Oner, S. Sultansoy. SppC based energy frontier lepton-proton colliders: luminosity and physics, Advances in High Energy Physics 4021493 (2017).

- Büyükuslu, H., Kaplan, A., Tel, E., Aydın, A., Yıldırım, G., Bölükdemir, M.H., Theoretical cross sections of ^{209}Bi , ^{232}Th , ^{235}U and ^{238}U on deuteron-induced reactions, *Annals of Nuclear Energy*, 37(4), p. 534-539 (2010)
- Büyükuslu, H., Ergün, Y., Kaplan, A., Neutron Emission Spectra of $^{92,94,95,96,97,98,100}\text{Mo}$ Isotopes for (p,xn) Reactions at 21.6 MeV Proton Incident Energy, *J. Fusion Energ.* 29 (1) 41-48 (2010)
- C. Kaya, C. Schneider, A. Al-Shemmary, W. Seidel, M. Kuntzsch, J.Bhattacharyya, M. Mittendorff, P. Evtushenko, S. Winnerl, G. Staats, M.Helm, N. Stojanovic, P. Michel, M. Gensch, 'Phase Sensitive Monitoring Of Electron Bunch Form And Arrival Time In Superconducting Linear Accelerators' *Appl. Phys. Lett.* 100, 141103 (2012)
- E. Arik, O. Cakir, S. A. Cetin and S. Sultansoy, Observability of the Higgs Boson and Extra SM Families at the Tevatron, *Acta Phys. Polon. B* 37:2839-2850 (2006)
- E. Pilicer, F. Kocak, I. Tapan M.Ahmetoglu (Afrailov) , Avalanche photodiodes for Electromagnetic Calorimeters *Nuclear Instruments and Methods in Physics Research A* 573, 291-293 (2007)
- E. Pilicer ve I. Tapan, Signal fluctuation in neutron-irradiated silicon avalanche photodiodes, *Signal fluctuation in neutron-irradiated silicon avalanche photodiodes, Nuclear Instruments and Methods in Physics Research A* 573 (2007) 291–293
- E. Pilicer, F. Kocak, A. Kilic, F.B. Pilicer, I. Tapan, “Radiation Effects of TAC-PF Electromagnetic Calorimeter”, *Acta Physica Polonica*, Volume 131, Issue 1, p190-192, 2017, DOI: 10.12693/APhysPolA.131.190
- B. Aksu, E. Pilicer, “Detector Design Studies of Turkish Acceleration Center”, American Institute of Physics, *AIP Conference Proceedings*, Volume 1, Issue 1, 1815, 060001, 2017, DOI:10.1063/1.4976397
- A. Nayaz, E. Pilicer, M. Joya, “Simulation of Radiation Environment for the LHeC Detector”, American Institute of Physics, *AIP Conference Proceedings*, Volume 1, Issue 1, 1815, 060016, 2017, DOI: 10.1063/1.4976412
- E. E. Ermis, C. Celiktas, E. Pilicer, “A method for coincidence timing resolution enhancement”, *AIP Review of Scientific Instruments*, Volume 87, Issue 5, 2016, DOI: 10.1063/1.4948925,
- E. E. Ermis, F. B. Pilicer, E. Pilicer, C. Celiktas, “A comprehensive study for mass attenuation coefficients of different parts of the human body through Monte Carlo methods”, *Nuclear Science and Techniques*, Volume 27, 2016, DOI: 10.1007/s41365-016-0053-2

- K.Papke, S. Papadopoulos, S. Horvath-Mikulas, E. Pilicer, F. Pillon, F. Gerigk, U. van Rienen, “Mode Sensitivity Analysis of 704.4 MHz Superconducting RF Cavities”, Proceedings of SRF 2015, DOI: 10.18429/JACoW-SRF2015-MOPB078
- H. Burkhardt, L.Gatignon, A. Latina, D. Schulte, R. Tomas, B. Pilicer, E. Pilicer, I. Tapan, “Study of Muon Backgrounds in the CLIC Beam Delivery System”, Proceedings of IPAC 2015
- E. E. Ermis, C. Celiktas, E. Pilicer, “Comparison of the simulated gamma-ray attenuation coefficients with the real measurements”, Nuclear Science and Techniques, Volume 26, Issue 5, 050401, 2015, DOI: 10.13538/j.1001-8042/nst.26.050401
- E. E. Ermis, C. Celiktas, E. Pilicer, “A theoretical way to determine gamma-ray mass attenuation coefficients of materials”, Turkish Journal of Physics, 39 (2), p91-113, 2015, DOI:10.3906/fiz-1407-14
- E. E. Ermis, C. Celiktas, E. Pilicer, “Comparison of Theoretical and Experimental Alpha Energy Spectra”, Open Journal of Modern Physics, Volume 1, Number 2, p59-65, 2014, DOI:10.13538/j.1001-8042/nst.26.050401
- E. E. Ermis, G. Tekdas, E. Pilicer, C. Celiktas, Pechousek J., “Analogue and digital analysis of the effects of some parameters in determination of the best experimental energy resolution”, Turkish Journal of Physics 38 (2), pp. 203-213, 2014, DOI:10.3906/fiz-1401-10
- E. E. Ermis, C. Celiktas, E. Pilicer, “Note on the comparison of experimental and simulated gamma energy spectra for NaI with Cs-137, Co-60, and Am-241”, Annals Of Nuclear Energy, Volume 73, p355-360, 2014, DOI: 10.1016/j.anucene.2014.06.044
- E. E. Ermis, C. Celiktas, E. Pilicer, “A Method to Enhance Coincidence Time Resolution with Applications for Medical Imaging Systems (TOF/PET)”, Radiation Measurements, Volume 62, p52-59, 2014, DOI: 10.1016/j.radmeas.2014.01.0132
- B. Alpat, E. Pilicer, S. Blasko, D. Caraffini, F. Di Capua, V. Postolache, M. Menichelli, L.Desorgher, M. Durante, R. Pleskac, C. La Tessa, “Total and Partial Fragmentation Cross-Section of 500 MeV/nucleon Carbon Ions on Different Target Materials”, IEEE Transactions On Nuclear Science, Volume 60, No. 6, p4673, 2013, DOI: 10.1109/TNS.2013.2284855
- J. L. Abelleira Fernandez, et al. LHeC Study Group, “A Large Hadron Electron Collider at CERN : Report on the Physics and Design Concepts for Machine and Detector”, Journal of Physics G Nuclear and Particle Physics, Volume 39, No. 7, 2012, DOI: 10.1088/0954-3899/39/7/075001

- B. Alpat, E. Pilicer, L. Servoli, M. Menichelli, P. Tucceri, M. Italiani, E. Buono and F. DI CAPUA, "Full Geant4 and Fluka Simulations of an e-LINAC for its Use in Particle Detectors Performance Tests", *Journal of Instrumentation*, JINST 7, P03013, 2012, DOI: 10.1088/1748-0221/7/03/P03013
- E. Pilicer, B. Alpat, M. Menichelli, L. Servoli, M. Italiani, F. Kocak, E. Buono, M. Casale, M. Muti, D. Caraffini, F. Renzi, "Characterization of Electron Beams From Dosimetry Measurements", *Balkan Physics Letters*, BPL, Volume 19, 191051, p445-451, 2011
- T. Ozdemir, S. Meroli, E. Pilicer, A. Mencaroni, B. Alpat, S. Ozkorucuklu, D. Passeri, P. Placidi, L. Servoli, "Combined Approach to the Simulation of Ionizing Radiation Effect in Silicon Devices", *Journal of Instrumentation*, JINST 6, T05001, 2011, DOI: 10.1088/1748-0221/6/05/T05001
- E. Eroglu, E. Pilicer, I. Tapan, H. Aksakal, A. K. Ciftci, L. Rinolfi, "Positron Production and Energy Deposition Studies with Fluka", *Balkan Physics Letters*, BPL, Volume 18, 181010, p73-78, 2010
- B. Alpat, A. Kilic, F. Renzi, H. Denizli, S. Ozkorucuklu, E. Pilicer, I. Tapan, "The Second Generation Terradex (TERRa 222RADon Experiment)", *Balkan Physics Letters Special issue, Proceeding of Turkish Physics Society 24th International Physics Congress*, p774, 2008
- B. Alpat, D. Aisa, M. Bizzarri, S. Blasko, G. Esposito, L. Farnesini, E. Fiori, A. Papi, V. Postolache, F. Renzi, R. Ionicap, F. Manolescuc, S. Ozkorucuklu, H. Denizli, I. Tapan, E. Pilicer, F. Egidi, C. Moretti, L. Dicola, "Multipurpose High Sensitivity Radiation Detector: Terradex", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, Volume 574, Issue 3, p479-492, 2007, DOI: 10.1016/j.nima.2006.12.051
- E. Pilicer, I. Tapan, "Signal Fluctuation in Neutron-Irradiated Silicon Avalanche Photodiodes", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, Volume 573, Issues 1-2, p291-293, 2007, DOI: 10.1016/j.nima.2006.10.2633
- E. Pilicer, F. Kocak, I. Tapan, M. Ahmetoglu (Afrailov), "Avalanche Photodiodes for Electromagnetic Calorimeters", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, Volume 572, Issue 1, p120-121, 2007, DOI: 10.1016/j.nima.2006.10.167
- E. Pilicer, F. Kocak, I. Tapan, "Excess Noise Factor of Neutron-Irradiated Silicon Avalanche Photodiodes", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, Volume 552, Issues 1-2, p146-151, 2005, DOI: 10.1016/j.nima.2005.06.021

- E. Pilicer, I. Tapan, "Photon Detection Efficiency of Hadron Irradiated p+ n n+ Type Silicon Detectors", Romanian Journal of Physics, Volume 49, No:3/4, p289-294, 2004
- E. Pilicer, I. Tapan, "Simulation of Nuclear Counter Effect for Silicon PIN Structure", Romanian Journal of Physics, Volume 48, No:1/4, p185-190, 2003
- E. Akdoğan, Z. Nergiz, Ö. Yavaş, Booster Ring Design for TAC Synchrotron Radiation Facility (TURKAY), Balkan Physics Letters 23, 231003, p. 23-29 (2015)
- E. Akdoğan, Z. Nergiz, Ö. Yavaş, Optimization and Upgrade Parameters of Booster Ring For TAC Synchrotron Radiation Facility, Balkan Physics Letters, 24, 241021, p. 174-181 (2016)
- Ozensoy, E.; Hess, Ch.; Goodman, D. W., Isocyanate Formation in the Catalytic Reaction of CO+NO on Pd(111): An in situ Infrared Spectroscopic Study at elevated Pressures, J. Am. Chem. Soc., 2002 (124) 8524
- Ozensoy, E.; Meier D.; Goodman, D. W., Polarization Modulation Infrared Reflection Absorption Spectroscopy at elevated Pressures: CO adsorption on Pd(111) at atmospheric pressures, J. Phys. Chem. B, 2002 (106) 9367
- Hess, Ch.; Ozensoy, E.; Goodman, D. W. , A combined in situ infrared and kinetic study of the catalytic CO+NO reaction on Pd(111) at pressures up to 240 mbar, J. Phys. Chem. B, 2003 (107) 2759.
- Ozensoy, E.; Min, B. K.; Goodman, D. W. , CO Dissociation at Elevated Pressures on Supported Pd Nano-clusters., J. Phys. Chem. B, 2004, (108) 4351.
- Ozensoy, E.; Hess, C; Goodman, D. W. , Understanding the catalytic conversion of automobile exhaust emissions using model catalysts: CO + NO reaction on Pd (111) Topics in Catalysis, 2004 (28) 13.
- Ozensoy, E. and Goodman, D. W. , Vibrational spectroscopic studies of CO/NO adsorption and reaction on Pd model catalysts, Phys. Chem. Chem. Phys., 2004 (6) 3765. Cover Article, PCCP issue 6 (14) 2004 COVER GRAPHIC –
- Hess, C.; Ozensoy, E. and Goodman, D.W., Reply to:Comment on 'Combined in Situ and Infrared Kinetic Study of the Catalytic CO + NO Reaction on Pd(111)' at Pressures up to 240 mbar , J. Phys. Chem. B, 2004 (108) 14181.
- Wendt, S.; Ozensoy, E.; Frerichs, M.; Cai, Y.; Chen, M.-S.; Goodman D.W., Electronic and vibrational properties of ultrathin SiO₂ films grown on Mo (112) , Phys. Rev. B, 2005 (72) 115409.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F., Interaction of water with ordered Al₂O₃ ultra thin films grown on NiAl(100), J. Phys. Chem. B, 2005 (109) 3431.

- Ozensoy, E.; Hess, C.; Goodman, D. W.; Loffreda, D.; Sautet, P. , Formation of a high coverage (3x3)-7NO adsorption state on Pd (111) at elevated pressures: Interplay between kinetic and thermodynamic accessibility, , J. Phys. Chem. B, 2005(109) 5414.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F. , NO₂ Adsorption on ultrathin γ -Al₂O₃ films: Formation of Nitrate and Nitrite Species, J. Phys. Chem. B, 2005, (109) 15977.
- Hess, C.; Ozensoy, E.; Yi, C. W.; Goodman, D. W., NO dimer and dinitrosyl formation on Pd(111): From UHV to elevated pressure conditions, J. Amer. Chem. Soc., 2006 (128) 2988.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F. , H₂O and NO₂ Coadsorption and Reaction on ultrathin γ -Al₂O₃ films: Catalytic Competition for Adsorption Sites, J. Phys. Chem. B, 2006, (110) 8025.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F. , Ba Deposition and Oxidation on - Al₂O₃/NiAl(100) ultrathin films. Part I: Anaerobic Deposition Conditions, J. Phys. Chem. B, 2006, (110) 17001.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F., Ba Deposition and Oxidation on - Al₂O₃/NiAl(100) ultrathin films. Part II: O₂(g) Assisted Ba Oxidation, J. Phys. Chem. B, 2006, (110) 17009.
- Ozensoy, E.; Szanyi, J.; Peden, C. H. F. , Model NO_x Storage Systems: Storage Capacity and Thermal Aging of BaO/ γ -Al₂O₃/NiAl(100), J. Catal., 2006, (243) 149.
- Ozensoy, E.; Herrling, D.; Szanyi, J. , NO_x Reduction on a Transition Metal-free γ -Al₂O₃ Catalyst Using Dimethylether (DME), Catal. Today, 2008, (136) 46.-
- Andonova, S. M.; Senturk, G. S., Kayhan, E.; Ozensoy, E. Nature of the Ti-Ba interactions on the BaO/TiO₂/Al₂O₃ NO_x Storage System, J. Phys. Chem. C, 2009 (113) 11014.
- Ozkara-Aydinoglu, S.; Ozensoy, E.; Aksoylu, E. A. , The effect of impregnation strategy on methane dry reforming activity of Ce promoted Pt/ZrO₂, , Int. J. of Hydrogen Energy, 2009 (34) 9711.
- Kayhan, E.; Andonova, S. M.; Senturk, G. S., Chusuei, C. C.; Ozensoy, E. , Fe Promoted NO_x Storage Materials: Structural Properties and NO_x Uptake, J. Phys. Chem. C, 2010 (114) 357.
- Andonova, S. M.; Senturk, G. S.; Ozensoy, E., Fine-tuning the Dispersion and the Mobility of BaO Domains on NO_x Storage Materials via TiO₂ Anchoring Sites J. Phys. Chem. C, 2010 (114) 17003.
- Emmez, E.; Vovk, E. I.; Bukhtiyarov, V. I.; Ozensoy, E. , Direct Evidence for the Instability and Deactivation of Mixed-Oxide Systems: Influence of Surface Segregation and Subsurface Diffusion, J. Phys. Chem. C, 2011 (115) 22438.

- Vovk, E. I.; Emmez, E.; Erbudak, M.; Bukhtiyarov, V. I.; Ozensoy, E. , Role of the Exposed Pt Active Sites and BaO₂ Formation in NO_x Storage Reduction Systems: A Model Catalyst Study on BaO_x/Pt(111), *J. Phys. Chem. C*, 2011 (115) 24256.
- Senturk, G. S.; Vovk, E. I.; Zaikovskii, V. I.; Say, Z.; Soylu, A. M.; Bukhtiyarov, V. I.; Ozensoy, E. , SO_x Uptake and Release Properties of TiO₂/Al₂O₃ and BaO/TiO₂/Al₂O₃ Mixed Oxide Systems as NO_x Storage Materials, *Catal. Today*, 2012 (184) 54.
- Hummatov, R.; Toffoli, D.; Gulseren, O.; Ozensoy, E.; Ustunel, H., First-principles investigation of NO_x and SO_x adsorption on anatase-supported BaO and Pt overlayers *J. Phys. Chem. C*, 2012 (116) 6191
- Say, Z.; Vovk, E.I.; Bukhtiyarov, V.I.; Ozensoy, E., Enhanced Sulfur Tolerance of Ceria-Promoted NO_x Storage Reduction (NSR) Catalysts: Sulfur Uptake, Thermal Regeneration and Reduction with H₂(g), *Topics in Catalysis*, 2013 (56) 950
- Vovk, E.I.; Turksoy, A.; Bukhtiyarov, V.I.; Ozensoy, E., Interactive Surface Chemistry of CO₂ and NO₂ on Metal Oxide Surfaces: Competition for Catalytic Adsorption Sites and Reactivity, *J. Phys. Chem. C*, 2013 (117) 7713
- Say, Z.; Vovk, E.I.; Bukhtiyarov, V.I.; Ozensoy, E., Influence of Ceria on the NO_x Reduction Performance of NO_x Storage Reduction (NSR) Catalysts, *Applied Catalysis B: Environmental*, 2013(142-143) 89
- Ozensoy, E., Vovk, E.I., In-situ Vibrational Spectroscopic Studies on Model Catalyst Surfaces at Elevated Pressures, *Topics in Catalysis (Invited Article)*, 2013 , (56) 1569-1592
- Andonova, S.M.; Vovk, E. I.; Sjoblom, J.; Ozensoy, E., Olsson L., Chemical deactivation by phosphorous under lean hydrothermal conditions over Cu/BEA NH₃ - SCR catalysts, *Applied Catalysis B: Environmental*, 2014 (147) 251-263
- Say, Z.; Tohumeken, M.; Ozensoy, E., NO_x Storage and Reduction Pathways on Zirconia and Titania Functionalized Binary and Ternary Oxides as NO_x Storage and Reduction (NSR) Systems, *Catalysis Today*, 2014 (231) 135-144 (link)
- Soylu, A. M.; Polat, M.; Erdogan, D. A.; Say, Z.; Yildirim, C.; Birer, O.; Ozensoy, E., TiO₂-Al₂O₃ Binary Mixed Oxide Surfaces for Photocatalytic NO_x Abatement, *Applied Surface Science* , 2014 (318) 142-149 (link)
- Erdogan, D.A.; Polat, M.; Garifullin, R.; Guler M. O.; Ozensoy, E., Thermal evolution of structure and photocatalytic activity in polymer microsphere templated TiO₂ microbowls, *Applied Surface Science* 2014 (308) 50

- Kalyoncu, S.; Duzenli, D.; Onal, I.; Seubsai, A.; Noon, D.; Senkan, S.; Say, Z.; Vovk, V.I.; Ozensoy, E., NaCl-Promoted CuO-RuO₂/SiO₂ Catalysts for Propylene Epoxidation with O₂ at Atmospheric Pressures: A Combinatorial Micro-reactor Study, *Catalysis Letters* 2015 (145) 596-905
- Polat, M.; Soylu, A. M.; Erdogan, D. A.; Erguven, E.; Vovk, V.I.; Ozensoy, E. ,Influence of the Sol-gel Preparation Method on the Photocatalytic NO Oxidation Performance of TiO₂/Al₂O₃ Binary Oxides, *Catalysis Today*, 2015 (241) 25-32
- Say, Z.; Tohumeken, M; Ozensoy, E. , Spectroscopic Investigation of Sulfur-Resistant Pt/K₂O/ZrO₂/TiO₂/Al₂O₃ NSR/LNT Catalysts , *Catalysis Today*, 2016 (267) 167-176
- Lu, W.; Olaitan, A.; Brantley, M.; Zekavat, B.; Erdogan, D.A.; Ozensoy, E.; Solouki, T. , Photocatalytic Conversion of Nitric Oxide on Titanium Dioxide: Cryotrapping of Reaction Products for Online Monitoring by Mass Spectrometry, *J. Phys. Chem. C*, 2016 (120) 8056-8067
- Erdogan, D.A.; Sevim, M.; KÄ±sa, E.; Emiroglu, D.B.; Karatok, M.; Vovk, E.I.; Bjerring, M.; Akbey, U.; Metin, O.; Ozensoy, E., Photocatalytic Activity of Mesoporous Graphitic Carbon Nitride (mpg-C₃N₄) Towards Organic Chromophores under UV and VIS Light Illumination *Topics in Catalysis*, 2016 (59) 1305-1318
- Say, Z.; Mihai, O.; Tohumeken, M.; Ercan, K.E.; Olsson, L.; Ozensoy, E. Sulfur-Tolerant BaO/ZrO₂/TiO₂/Al₂O₃ Quaternary Mixed Oxides for DeNOX Catalysis, *Catalysis Science & Technology*, 2017 (7) 133-144
- E. Veli Veliev, K. Azizi, H. Sundu, G. Kaya, A. Turkan, Thermal QCD Sum Rules Study of Vector Charmonium and Bottomonium States, *Eur. Phys. J. A* 47 110 (2011)
- F. Koçak, I. Tapan , Excess noise in silicon avalanche photodiodes , *Journal of Optoelectronics and Advanced Materials* Vol. 9, No. 4, 810-813 (2007)
- F. Koçak, I. Tapan, Fluctuations in Avalanche Photodiode Structure *American Institute of Physics, Conference Proceedings* Vol. 899, 201-202 (2007)
- F. Kocak, I. Tapan, E. Pilicer, "Signal Fluctuations In Crystal-APD Systems", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, Volume 648, Issue 1, p128-130, 2011, DOI: 10.1016/j.nima.2010.12.072
- Bayrakçeken, F., Arı, F., Telatar, Z., "Spectral image adaptation and visual experience of DBA/PMMA", *Spectrochimica Acta Part A*, vol.62, pp.1151-1156, 2005.

- Bayrakçeken, F., Telatar, Z., Arı, F., Tunçyürek, L., Karaaslan, İ., Yaman, A., "High-resolution discrete absorption spectrum of α -methallyl free radical in the vapor phase", *Spectrochimica Acta Part A*, vol.65, pp. 143–146, 2006.
- Ari, F., Akbulut, A., Sazli, M.H., Ozek, F., "Use of Source and Channel Coding Techniques in Outdoor Laser Optical Wireless", *Special Issue of Mediterranean Journal of Computing and Network on Free Space Optics*, vol.2 no.3, pp.127-130, 2006.
- Bayrakçeken, F., Telatar, Z., Arı, F., Bayrak, A.B., "Spectral image analysis for the absorption bands of the β -methallyl free radical in the vapor phase", *Spectrochimica Acta Part A*, vol.67, pp.1276-1280, 2007.
- H.F.Kışoğlu, A.Çalışkan, M.Yılmaz, Some Criterias at DTL Design For Turkish Accelerator Center (TAC) Linac, *Azerbaijan Journal of Pyhsics*, Vol. XVI, Number:2, p534–536, ISSN 1028–8546 (2010)
- Hüsni Aksakal, Zafer Nergiz, Ertan Arıkan, Vacuum properties of TARLA, *Turk. J. Phys.* (2013) 37: 322 – 329
- H. Yildiz, A. Aksoy, P. Arıkan, "Effects of Coherent Synchrotron Radiation in Bunch Compressor of TARLA", *Acta Physica Polonica A*, 130, (2016), 214-216, doi:10.12693/aphyspola.130.214
- H.D.Yıldız, Single Anomalous Production of the Fourth SM Family Quarks at Future e-e+, ep, pp Colliders American Institute of Physics (AIP), Volume 899, Issue 1, ISBN: 978-0-7354-0404-5, page 227-228. (2006)
- H. Yildiz, A. Aksoy, P. Arıkan, "Non-linear effects in bunch compressor of TARLA" 9th Balkan Physical Union Conference (BPU-9), AIP Conference Proceedings, V:1722, Article Number:070011, 2016, DOI: 10.1063/1.4944165
- H. D.Yıldız, Single Production of Fourth Family Quarks at the LHC, arXiv:0801.0236v1
- H. Duran Yıldız, O. Cakir, H. Duran Yildiz, R. Mehdiyev, I. Turk Cakir , Single Production of Fourth Family Quarks at the LHC , *Eur. Phys. J.C* 56:537-5543 e-Print: arXiv: 0801.0236 [hep-ph]. (2008)
- H.Duran Yıldız, High Energy Physics Simulation Studies at CERN – LHC Experiment, *Balkan Physics Letters* (2008)
- H.Duran Yıldız, G. Kibar, M. Aydar, Observing Fourth Family Quarks at CERN LHC Experiment, *Balkan Physics Letters* (2008)
- H. D. Yıldız, Anomalous resonant production of the fourth family up type quarks at the LHC, *Phys. Rev.D*80: 095009 (2009)
- H. Duran Yildiz, H. Yilmaz, "Turkish Accelerator Center, Structure Of Optical Cavities", *Balkan Physics Letters*, 16, 161023, (2009).

- M. Uzam, İ. B. Koç, G. Gelen, ve B. H. Aksebzeci, “Asynchronous Implementation of Discrete Event Controllers Based on Safe Automation Petri Nets”, Accepted for publication in The International Journal of Advanced Manufacturing Technology, 25 March 2008. (IJAMT is indexed in Science Citation Index Expanded)
- M. Uzam, G. Gelen, İ. B. Koç ve B. H. Aksebzeci, “Ayrık Olay Kontrol Sistemlerinin Petri Ağları ile Tasarımı ve PLC ile Gerçekleştirilmesi”, sayı 125, sayfa 18-22, Endüstri & Otomasyon, Ağustos 2007.
- G. Gelen, B. H. Aksebzeci, İ. B. Koç ve M. Uzam, “Basit Otomasyon Petri Ağları ile Ayrık Olay Sistemlerinin Modellenmesi”, sayı 129, sayfa 16-21, Endüstri & Otomasyon, Aralık 2007.
- I. Tapan, M. Ahmetoğlu, F. Koçak, A ZnS-Si Isitope Heterojunction Avalanche Photodiode Structure for Scientillation Light Detection, Nucl. Instr. & Meth. A 567, 268-271 (2006)
- I. Tapan, E. Pilicer, F. B. Pilicer, “Tracking parameter simulation for the Turkish accelerator center particle factory tracker system”, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, Volume 831, p389-393, 2016, DOI: 10.1016/j.nima.2016.04.064
- Kaplan, A., Aydın, A., Tel, E., Şarer, B., Equilibrium and pre-equilibrium emissions in proton-induced reactions on 203,205Tl, Pramana Journal of Physics, 72(2), p.343-353 (2009)
- Kaplan, A., Tel, E., Aydın, E.G., Aydın, A., Yılmaz, M. , Spallation neutron emission spectra in medium and heavy target nuclei by a proton beam up to 140 MeV energy, Applied Radiation and Isotopes (2009)
- Kaplan, A., Tel, E., Aydın, E.G., Aydın, A., Yılmaz, M., Spallation neutron emission spectra in medium and heavy target nuclei by a proton beam up to 140 MeV energy, Appl. Radiat. Isot. 67(4), p.570-576 (2009)
- Kaplan, A., Tel, E., Aydın, A., The Equilibrium and Pre-equilibrium Neutron Emission Spectra of Some Structural Fusion Materials for (n,xn) Reactions up to 16 MeV Energy, Phys. Atom Nucl. 72(6), 903-910 (2009)
- Kaplan, A., Tel, E., Aydın, A., Okuducu, Ş. , A Systematic Study of Equilibrium and Pre-equilibrium (p,n) Reaction Mechanisms Cross-sections at Intermediate Energies for 25 < A < 240 Target Nuclei, Int. J. Mod. Phys. E 18 (9), 1871-1885 (2009)
- Kaplan A, Sekerci M, Capalı , Özdoğan H., (2017). Photon Induced Reaction Cross-Section Calculations of Several Structural Fusion Materials. Journal of Fusion Energy, 36(6), 213-217., Doi: 10.1007/s10894-017-0141-2 (Yayın No: 3649788)

- Kaplan A, Sekerci M, Çapalı V, Özdoğan H., (2016). Computations of a xn Reaction Cross Section for 107 109Ag Coated Materials with Possible Application in Accelerators and Nuclear Systems. *Journal of Fusion Energy*, 35(4), 715-723., Doi: 10.1007/s10894-016-0096-8 (Yayın No: 2907078)
- Kaplan A, Özdoğan H, Aydın Abdullah, Tel Eyyüp, (2014). Photo neutron cross section calculations of 142 143 144 145 146 150Nd rare earth isotopes for n reaction. *Physics of Atomic Nuclei*, 77(11), 1371-1377., Doi: 10.1134/S1063778814100081 (Yayın No: 1756043)
- Kaplan A, Çapalı V, (2014). Cross Section Calculations on Several Structural Fusion Materials for 3n Reactions in the Photon Energy Range of 20 110 MeV. *Journal of Fusion Energy*, 33(3), 299-303., Doi: 10.1007/s10894-014-9670-0 (Yayın No: 1756193)
- Kaplan A, Çapalı V, Özdoğan H, A Abdullah, Tel E, Sarpün İ.H (2014). 3He xn Reaction Cross Section Calculations for the Structural Fusion Material 181Ta in the Energy Range of 14 75 MeV. *Journal of Fusion Energy*, 33(5), 510-515., Doi: 10.1007/s10894-014-9705-6 (Yayın No: 1756117)
- Kaplan A, Özdoğan H, A Abdullah, Tel E, (2013). Deuteron Induced Cross Section Calculations of Some Structural Fusion Materials. *Journal of Fusion Energy*, 32(1), 97-102., Doi: 10.1007/s10894-012-9532-6 (Yayın No: 1756375,
- Kaplan A, Özdoğan H, A Abdullah, Tel E. 2013). 2n Reaction Cross Section Calculations on Several Structural Fusion Materials. *Journal of Fusion Energy*, 32(4), 431-436., Doi: 10.1007/s10894-012-9590-9 (Yayın No: 1756295)
- Kaplan A, A Abdullah, Tel E, Büyüksulu H, (2010). Neutron Emission Spectra of Some Structural Fusion Materials at 26 8 and 45 2 MeV Alpha Incident Energies. *Journal of Fusion Energy*, 29(4), 353-359., Doi: 10.1007/s10894-010-9287-x (Yayın No: 1757475)
- Kaplan A, Tel E, Aydın A., (2009). The equilibrium and preequilibrium neutron emission spectra of some structural fusion materials for n xn reactions up to 16 MeV energy. *Physics of Atomic Nuclei*, 72(6), 903-910., Doi: 10.1134/S1063778809060015 (Yayın No: 5 Uluslararası hakemli dergilerde yayımlanan makaleler: 1757889)
- M. Karakız, B. Toydemir, B. Unal, L. Colakerol Arslan, Growth of Shape Controlled Silicon Nanowhiskers by Electron Beam Evaporation, *EPJ*, in press (2013)
- Küçer, R., Küçer, N., Türemen, G, Monte Carlo Computation of the Energy Deposited by Protons in Water, *J.Korean Phys. Soc.*, Vol.62, No.4, 591-594, (2013).
- Küçer, R., Sarıyer, D., Küçer, N., Hızlandırıcılardan Yayınlanan Çatı Radyasyonunun Uzaklığa Bağlı Doz Değerleri, *SDU Journal of Science (E-Journal)*, 2012, 7 (1): 9-14 (2012)

- Sariyer, D., Küçer, R., Proton Hızlandırıcılarında Farklı Maddeler İçin Zırh Kalınlıklarının Analitik Yöntemle Belirlenmesi, SDU Journal of Science (E-Journal), 2013, 8 (1):100-105(2013)
- M.Yılmaz, A.Çalışkan , DTL cavity design and beam dynamics for a TAC linear proton accelerator, Chinese Physics C, 36 (2), 167-172, (2012)
- M. Şahin, O. Çakır , Search for scalar and vector diquarks at the LHC, Balkan Physics Letters, 16, 120 (2009)
- M.Şahin, S. Sultansoy and Ş.Türköz , A Search for the Fourth SM Family Quarks through Anomalous Decays, hep-ph/1005.4538. (2009)
- M.Şahin, S. Sultansoy and Ş.Türköz, Resonant Production of Color Octet Electron at the Lhec., Phys. Lett B 689, 172-176 (2010)
- M. Şahin and O. Çakır, Search for scalar diquarks at L”HeC based gamma proton colliders, Balkan Physics Letters (BPL) 18, 180. (2010)
- M. Sahin, K. Zengin, A.K. Ciftci , The design of booster ring for synchrotron radiation of the Turkish Accelerator Center, Balkan Physics Letters (BPL) 18, 126. (2010)
- O. Çakır, Production of Doubly Charged Higgs Bosons at Linear e-e- Colliders, New J. Phys. 8: 145 (2006)
- Orhan Cakir, Ilkay T. Cakir, John R. Ellis, Zerrin Kirca, Measurements of Metastable Staus at Linear Colliders., CERN-PH-TH-2007-051 (2007)
- O Çakır, A. Ozansoy, Search for Excited Spin-3/2 and Spin-1/2 Leptons at Linear Colliders Phys. Rev.D77:035002 e-Print: arXiv:0709.2134 [hep-ph]. (2008)
- O. Çakır, T. Aliev, Probing Little Higgs Model in $e^+ e^- \rightarrow \nu \bar{\nu} \gamma$ process, Eur. Phys. J.C 54:149-158 e-Print: arXiv:0707.3096 [hep-ph]. (2008)
- O. Çakır, H. Duran Yıldız, R. Mehdiyev, İ. Türk Çakır , Single Production of Fourth Family Quarks at the LHC, e-Print: arXiv:0801.0236 [hep-ph]. (2008)
- O. Çakır, A. Ozansoy, Single production of excited spin-3/2 neutrinos at linear colliders, Phys. Rev.D79:055001, e-Print: arXiv: hep-ph/0809.1624 (2009)
- O. Çakır, K. O. Ozansoy, Searching Unparticle Signatures Through Tau Pair Production, arXiv: hep-ph/0906.2728 (2009)
- O. Çakır, A. Şenol, A.T. Taşçı , Single Production of Fourth Family t-prime Quarks at LHeC, arXiv: hep-ph/:0905.4347 (2009)

- O. Çakır, İ.T. Çakır, A. Şenol and T. Taşçı , Search for Top Quark FCNC Couplings in Z' Models at the LHC and CLIC., hep-ph/1003.3156. (2009)
- O. Karslı, Ö. Yavaş, A Design Study on High Power RF System for the TARLA Facility of TAC, Nucl. Instr. and Meth. A 693 (2012) 215-219
- O.Karsli, O.Yavas, M.Dogan, Design of L Band 20 kW High Power Solid State Amplifier for TARLA / TAC Project Journal of Higher Education Institution, Ф И З И К А, Tom55, No:10/3, ISSN: 0021-3411. (2013) 154-159.
- O.Karslı, A.Aksoy, Ö.Yavaş, "RF Power Source System fot TAC IR-FEL Facility", Balkan Physics Letters, 19, (2011), 262-268
- Ö. Yavaş, Ş. Yiğit, Conceptual Design of a SASE FEL Facility as a Part of Turkish Accelerator Center Project. Balkan Physics Letter, 14 (1), p. 34–44 (2007)
- Ö. Yavaş, Serbest Elektron Lazeri-Çekirdek Çarpıştırıcılarının Nükleer Spektroskopi Açısından Önemi, Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 7 (2007) 517-524
- Ö.Yavaş, The Status of Turkish Accelerator Center Test Facility AIP Conf. Proc. Vol. 899:213-214 (2007)
- Ö. Yavaş, Ş. Yiğit, A Parameter Optimization for a National SASE FEL Facility AIP Conf.Proc. Vol. 899:299-300 (2007)
- Ö. Yavaş, Serbest Elektron Lazeri-Çekirdek Çarpıştırıcılarının Nükleer Spektroskopi Açısından Önemi Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 7, 517–524 (2007)
- Ö. Yavaş, Turkish Accelerator Center (TAC) Project, Balkan Physics Letters, 16 264-253 (2009)
- Ö. Yavaş, Main Characteristics of TAC IR FEL, Balkan Physics Letters, 16 255-259 (2009)
- Ö. Yavaş, Turkish Accelerator Center Project: The Results of 3rd Stage and Vision of the Project, Balkan Physics Letters, 24, 241023, p. 191-202 (2016)
- Y. Elçim, B. Dirican, Ö. Yavaş, Dosimetric Comparison of Treatment Planning Systems using Collapsed Cone Evaluation and Pencil Beam Algorithms, Journal of Radiotherapy in Practice 15 (4), p. 364-377 (2016), doi: 10.1017/S1460396916000303
- Y. Elçim, B. Dirican, Ö. Yavaş, Dosimetric Evaluation of Radiotherapy Planning Systems with Two Different Algorithms in Small Fields Balkan Physics Letters 23, 2310004, p. 30-36 (2015)
- Y. Elçim, B. Dirican, Ö. Yavaş, A Comparison of Treatment Planning Algorithms for Prostate Radiotherapy with Medical Linear Accelerators, Balkan Physics Letters, 24, 241019, p. 159-167 (2016)

- A.Parmaksız, P.Arikan, M.Vural, E.Yeltepe and İ.Tükenmez, ^{226}Ra , ^{232}Th and ^{40}K radionuclides enhancement rate and dose assesment for residues of lignite-fired thermal power plants in Turkey, Radiation protection dosimetry (2011) , pp. 1-7
- Y.Kalayci, Y.Agus, S.Ozgun, N.Efe, A.Zararsiz, P.Arikan and R.H.Mutlu., Influence of the alloying effect on nickel K-shell fluorescence yield in Ni - Si alloys, Spectrochimica Acta Part B ,2005,p.277
- P.Arikan, O.Acar, R.Acar, G.A.Aycik, M.A.Cetiner, H.Demirel, N.Efe, T.Golge, R.Kirmaz, S.Tulumen, H.Yucel, A.Zararsiz, R.Gurellier, Y.Agus, Establishment of Quality system for nuclear analytical laboratories, J.Radioanal.Nucl.Chem., Vol.259(3) , 2004,p.391
- E.Dikmen, A.Zararsiz, M.Tan, P.Arikan, L-III subshell intensity ratios of gold, Spectroscopy Letters, Vol.35 (1) , 2002
- Z.Tekin, M.Tan, N.Efe, P.Arikan, Study of lead pollution by EDXRF analysis, Spectroscopy Letters, Vol.32 (4), 1999, p. 661
- N.Efe, H.Yilmaz, A.Zararsiz, P.Arikan, Application of calibration standardization method to the analysis of diuretic pharmaceutical herbs, J. Radioanal. Nucl. Chem., Vol. 238(1-2),1998, p. 97
- P.Arikan, O.Aytemiz, A.Zararsiz, Energy dispersive X-ray fluorescence technique in iron dressing processes, Spectroscopy Letters, Vol.31 (2),1998, p. 275
- A.Gunen, C.Akkutay, P. Arikan, A high precision calculation of the excitation flux for X-ray fluorescence spectroscopy with cylindrical geometry, Applied Spectroscopy Reviews, Vol.33 (1-2),1998 , p.151
- A.Gunen, C.Akkutay, P.Arikan, Calculation of the X-ray fluorescence intensity and detector count rate for annular - source geometry, Applied Spectroscopy Reviews , Vol.33 (1-2), 1998 , p.133
- A.Zararsiz, R.Kirmaz, P.Arikan, Field study on thorium uptake by plants within and around of thorium ore deposit, J. Radioanal. Nucl. Chem. Letters, Vol:222, (2),1997, p. 257
- A.Zararsiz, R.Kirmaz, S.Onertoy, P.Arikan, A case study on uptake thorium from soil to plant by using XRF spectrometry, J. Radioanal. Nucl. Chem. Article, V.221(2) , 1997,p. 173
- P. Arikan, A.Zararsiz, N.Efe, Determination of ash and sulphur in coal via off-line calibration of XRF, Applied Spectroscopy Reviews, Vol.31 (1& 2) ,1996, p.167
- P. Arikan, A.Zararsiz, R.Kirmaz, N.Efe, Determination of high- Z materials in low- Z medium by X-ray scattering techniques, Nuclear Instruments and Methods in Physics Research , Section B Vol.95,1995 , p. 82

- P.Arikan, A.Ozme, Fluorescent X-ray analysis of uranium using internal standard and filter methods, Journal de Physique , C9 Supplement au N.12, tome 48 , 1987
- P.Arikan, A.Zararsiz, N.Efe, Investigation of particle size and heterogeneity effects on analysis of thorium in powdered ore, J.Radioanalytical and Nuclear Chemistry Vol.100(2), 1986, p.303
- P.Arikan, A.Zararsiz, N.Efe, Determination of tungsten in ores by XRF technique and X-rays in NAA,J.Radioanalytical and Nuclear Chemistry Vol.100(2), 1986, p.355
- P.Arikan, A.Ozmen, Application of Compton scattering normalization method to the analysis ouranium ore, J.Radioanalytical and Nuclear Chemistry Vol.108(6),1986, p.327
- P. Arikan, H.Demirel, Thorium ore analysis by X-rays in neutron activation analysis, J.Radioanalytical and Nuclear Chemistry Vol.90(2), 1985, p.317
- P.Arikan, A new method for determination of thorium in solution by XRF technique J.Radioanalytical Chemistry Vol.76(1) ,1983,p.267
- P.Arikan, I.Alkan, Radioactive ore analysis by optimized radioisotope XRF technique., J.Radioanalytical Chemistry Vol.67(2), 1981,p.33
- P.Arikan, Regional TC Model Project, IAEA-RER/2/004, QA/QC of Nuclear Analytical Techniques ,Eurasian Nuclear Bulletin, Vol.1, 2002, p.46
- P.Arikan, A.Zararsiz, R.Kirmaz, N.Efe, Application of X-Ray backscattering techniques on Turkish coal analysis, IAEA – TECDOC – No.845 , 1995
- A.Zararsiz, P.Arikan, N.Efe, Measurement of thickness of metallic foils and coatings without using standards by the radioisotope XRF technique, Turkish Journal of Nuclear Sciences Vol.18(1) June 1991, p.19
- P.Arikan, A.Ozmen, Quantitative analysis of uranium in ore deposit by calibration standardization of XRF, Communications,Vol.36(1-2) ,1987, p.35
- F.Arınc, A. Rizvi, P. Arikan, H. Demirel, Monte Carlo prediction of XRF, K and L spectral line intensities excited by discrete energy photons in pure samples,Turkish Journal of Nuclear Science Vol.90(2) ,1985, p.16
- P.Arikan, H.Demirel, Kalkopirit,galenit,çinkoblend,pirit cevherlerinin analizlerine XRF tekniğinin uygulanması , ANAEM - Bilimsel Araştırmalar 29 , 1984
- M.Kaplan, P.Arikan, Y.Kalaycı, S.Y.Şenyurt, A.Akçay, Y.Kamış, Inorganic Paint Pigment Anlalysis in Ovaören Ceramics by Micro XRF Spectrometry,International Interdisciplinary Journal of Scientific Research Vol.1 No.1 PP 157-164, September 2014 (ISSN: 2200-9833 www.ijjsr.org)
- M. Tural, Ö.Yavaş and P.Arikan, Research potential of TAC IR-FEL Facility, Balkan Physics Letters BPL, 8(2), pp.105-109 (2008)

- E Kanbur , M Dogan , M T Dorak, `A Systematic Analysis of the Gene and Variation Content of the Extended HLA Region`, 31st EFI & 25th DGI Joint Meeting in Mannheim/Heidelberg , June 2017.
- D Unsal, M Dogan, "Implementation of identification system for IMUs based on Kalman Filtering", Position, Location and Navigation Symposium - PLANS 2014, 2014 IEEE/ION, pp. 236 – 240, 5-8 May 2014, Monterey, CA, DOI:10.1109/PLANS.2014.6851381.
- Erdem, MC.; Telatar, Z.; Dogan, M.; , " Image restoration by adaptive wavelet thresholding method", Signal Processing and Communications Applications Conference (SIU), 2013 21st , vol., no., pp.1-4, 24-26 April 2013 doi: 10.1109/SIU.2013.6531419
- Erdem, MC.; Telatar, Z.; Dogan, M.; , " Image restoration by adaptive wavelet thresholding method" Signal Processing and Communications Applications Conference (SIU), 2013 21st , vol., no., pp.1-4, April 2013, doi: 10.1109/SIU.2013.6531419
- Dursun, B.; Dogan, M.; , "FPGA based linear sweep controller implementation for FMCW radar applications," Signal Processing and Communications Applications Conference (SIU), 2012 20th , vol., no., pp.1-4, 18-20 April 2012, doi: 10.1109/SIU.2012.6204843
- M. Dogan, N. Gasilov, 'Two-stage algorithm for path planning problem with obstacle avoidance', Proc. 6th International Conference on Informatics in Control, Automation and Robotics (ICINCO), Milan, Italy, 2009, vol.2, pp. 165-170.
- M. Dogan, Ö. Morgül, 'PDE Control of a Rotating Shear Beam with Boundary Feedback', Proc. European Control Conference, (ECC'09), Budapest, Hungary, 2009, pp. 856-861.
- M. Dogan, Ö. Morgül, 'Nonlinear PDE Control of Two-Link Flexible Arm with Non-uniform Cross Section', Proc. 2006 American Control Conference, Minneapolis, MN, 2006, pp. 400-405.
- M. Dogan, Y. Istefanopulos, 'Optimal Nonlinear Control of Two-link Flexible Arm with Adaptive Internal Model', Proc. 44th IEEE Conference On Decision and Control, and the European Control Conference, Seville, Spain, 2005, pp. 771-776.
- M. Dogan, Y. Istefanopulos, E.D. Diktas, 'Nonlinear Control of two-link Flexible Arm with Adaptive Internal Model', Proc. IEEE International Conference On Mechatronics, İstanbul, Turkey, 2004, pp. 292-298.
- W.S. Gray, O.R. Gonzalez and M. Dogan, 'Digital Linear State Feedback Control Subject to Electromagnetic Disturbances', Proc. 1999 American Control Conference, San Diego, California, 1999, pp. 3500-3504.
- W.S. Gray, O.R. Gonzalez and M. Dogan, 'Stochastic Perturbation Analysis of Computer Control Systems Subject to Electromagnetic Disturbances', Proc. 1999 Conference on Control Applications, Honolulu, Hawaii, 1999 (invited), pp.1797-1802.

- W.S. Gray, O.R. Gonzalez and M. Dogan, ‘Stochastic Perturbation Models of Electromagnetic Disturbances in Closed-Loop Computer Controlled Flight Systems’, Proc.1999 Digital Avionics Systems Conference, St.Louis, Missouri,1999, pp. 10.C.4-1-8.
- R. Çiftçi, A.K. Çiftçi, S. Sultansoy, Possible Single Resonant Production of the Fourth Generation Charged Leptons at gamma-e Colliders, arXiv: hep-ph/0902.2800 (2009)
- R. Çiftçi, A.K. Çiftçi , A Comparative Study of the Anomalous Single Production of the Fourth Generation Quarks at ep and gamma p Colliders, arXiv: hep-ph/0904.4489 (2009)
- M. L. Ng, F. Abild-Pedersen, S. Kaya, F. Mbuga, H. Ogasawara, and A. Nilsson, Low barrier carbon induced CO dissociation on stepped CuPhys. Rev. Lett., 114, 246101 (2015)
- H. Xin, J. LaRue, H. Öberg, M. Beye, M. Dell’Angela, J. J. Turner, J. Gladh, M. L. Ng, J. A. Sellberg, S. Kaya, G. Mercurio, F. Hieke, D. Nordlund, W. F. Schlotter, G. L. Dakovski, M. P. Minitti, A. Föhlisch, M. Wolf, W. Wurth, H. Ogasawara, J. K. Nørskov, H. Öström, L. G. M. Pettersson, A. Nilsson, and F. Abild-Pedersen, Strong influence of coadsorbate interaction on CO desorption dynamics on Ru(0001) probed by ultrafast X-ray spectroscopy and ab initio simulations, Phys. Rev. Lett., 114, 156101 (2015)
- M. Dell’Angela, T. Anniyev, M. Beye, R. Coffee, A. Föhlisch, J. Gladh, S. Kaya, T. Katayama, O. Krupin, A. Nilsson, D. Nordlund, W. F. Schlotter, J. A. Sellberg, F. Sorgenfrei, J. J. Turner, H. Öström, H. Ogasawara, M. Wolf, and W. Wurth, Vacuum space charge effects in sub-picosecond soft X-ray photoemission on a molecular adsorbate layer, Struct. Dyn., 2, 025101 (2015)
- H. Öström, H. Öberg, H. Xin, J. LaRue, M. Beye, M. Dell’Angela, J. Gladh, M. L. Ng, J. A. Sellberg, S. Kaya, G. Mercurio, D. Nordlund, M. Hantschmann, F. Hieke, D. Kühn, W. F. Schlotter, G. L. Dakovski, J. J. Turner, M. P. Minitti, A. Mitra, S. P. Moeller, A. Föhlisch, M. Wolf, W. Wurth, M. Persson, J. K. Nørskov, F. Abild-Pedersen, H. Ogasawara, L. G. M Pettersson, A. Nilsson, Probing the transition state region in catalytic CO oxidation on Ru, Science, 347, 978 (2015)
- Direct observation of the dealloying process of a platinum-yttrium nanoparticle fuel cell cathode and its oxygenated species during the oxygen reduction reaction,P. Malacrida, H. Sanchez Casalongue, F. Masini, S. Kaya, P. Hernández-Fernández, D. Deiana, H. Ogasawara, I. E. L. Stephens, A. Nilsson, I. Chorkendorff, Phys. Chem. Chem. Phys. (2015)
- S. Kaya, H. Ogasawara, and A. Nilsson, Determination of the surface electronic structure of Fe₃O₄(111) by soft x-ray spectroscopy, Catal. Today, 240B, 184 (2015)
- J. A. Sellberg, S. Kaya, V. H. Segtnan, C. Chen, T. Tyliczszak, H. Ogasawara, D. Nordlund, L. G. M. Pettersson, and A. Nilsson, Comparison of x-ray absorption spectra between water and ice: new ice data with low pre-edge absorption cross-section, J. Chem. Phys., 141, 034507 (2014)

- H. Sanchez Casalongue, M. L Ng, S. Kaya, D. Friebel, H. Ogasawara, and A. Nilsson, *Angew.*, In situ observation of surface species on iridium oxide nanoparticles during the oxygen evolution reaction, *Chem. Int. Ed.*, 53, 7169 (2014)
- S. Kaya, D. Friebel, H. Ogasawara, T. Anniyev, A. Nilsson, *J. Electron Spectrosc. Rel. Phenom.* 190, 113 (2013)
- S. Kaya, T. Anniyev, H. Ogasawara, A. Nilsson, Identification of the electronic structure differences between polar isostructural FeO and CoO films by core level soft x-ray spectroscopy, *Phys. Rev. B*, 87, 205115 (2013)
- S. Kaya, D. Schlesinger, S. Yamamoto, J. T. Newberg, H. Bluhm, H. Ogasawara, T. Kendelewicz, G. E. Brown Jr., L. G. M. Pettersson, A. Nilsson, Highly compressed two-dimensional form of water at ambient conditions, *Nature Scientific Rep.*, 3, 1074 (2013)
- T. Kendelewicz, S. Kaya, J. T. Newberg, H. Bluhm, N. Mulakaluri, W. Moritz, M. Scheffler, A. Nilsson, R. Pentcheva, G. E. Brown, Jr., X-ray photoemission and density functional theory study of the interaction of water vapor with the Fe₃O₄(001) surface at near-ambient conditions, *J. Phys.Chem. C*, 117, 2719 (2013)
- S. Kaya, H. Ogasawara, L. A. Naslund, J.-O. Forsell, H. Sanchez Casalonguea, D. J. Miller, A. Nilsson, Ambient-pressure photoelectron spectroscopy for heterogeneous catalysis and electrochemistry, *Catal. Today*, 205, 101 (2013)
- S. Rajasekaran, S. Kaya, F. Abild-Pedersen, T. Anniyev, F. Yang, D. Stacchiola, H. Ogasawara, and A. Nilsson, Reversible graphene-metal contact through hydrogenation, *Phys. Rev. B*, 86, 075417 (2012)
- T. Anniyev, S. Kaya, S. Rajasekaran, H. Ogasawara, D. Nordlund, A. Nilsson, Tuning the metal-adsorbate chemical bond through ligand effect on Pt-subsurface *alloys*, *Angew. Chem. Int. Ed.*, 51, 7724 (2012)
- S. Rajasekaran, S. Kaya, T. Anniyev, H. Ogasawara, A. Nilsson, Probing substrate effects in the carbon-projected band structure of graphene on Pt(111) through resonant inelastic x-ray scattering *Phys. Rev. B*, 85, 045419 (2012)
- S. Kaya, E. Erunal, R. Shaltaf, S. Ellialtioglu, and D. Uner, On the structure sensitivity of CO oxidation on alumina supported Pd-Pt, *Turk. J. Chem.*, 33, 11 (2009).
- S. Kaya, J. Weissenrieder, D. Stacchiola, T. K. Todorova, M. Sierka, J. Sauer, S. Shaikhutdinov, and H.-J. Freund, Formation of one-dimensional molybdenum oxide on Mo(112), *Surface Science*, 602, 3338 (2008).
- S. Kaya and D. Uner, CO Oxidation over mono and bi-metallic sequentially impregnated Pd-Pt catalysts, *Turkish Journal of Chemistry*, 32, 645 (2008).

- S. Kaya, M. Baron, D. Stacchiola, J. Weissenrieder, S. Shaikhutdinov, T. K. Todorova, M. Sierka, J. Sauer, and H. -. Freund, On the geometrical and electronic structure of an ultra-thin crystalline silica film grown on Mo(112), *Surface Science*, 601, 4849 (2007).
- S. Kaya, Y.-N. Sun, J. Weissenrieder, D. Stacchiola, S. Shaikhutdinov, H. J. Freund, Ice-assisted preparation of silica-supported vanadium oxide particles, *Journal Physical Chemistry C*, 111, 5337 (2007).
- S. Kaya, J. Weissenrieder, D. Stacchiola, S. Shaikhutdinov, H. J. Freund, Formation of an ordered ice layer on a thin silica film, *Journal Physical Chemistry C*, 111, 759 (2007).
- D. Stacchiola, S. Kaya, J. Weissenrieder, H. Kuhlenbeck, S. Shaikhutdinov, H. J. Freund, M. Sierka, T. K. Todorova, J. Sauer, *Angew., Synthesis and structure of ultrathin aluminosilicate films* *Chem.-Int. Ed.*, 45, 7636 (2006).
- S. A. Çetin et al, Performance of the ATLAS detector using first collision data, *Journal of High Energy Physics Volume* (2010)
- S. A. Çetin et al, Readiness of the ATLAS liquid argon calorimeter for LHC collisions, *Eur. Phys. J. C 70: 723–753* (2010)
- S. A. Çetin et al , Readiness of the ATLAS liquid argon calorimeter for LHC collisions, *Eur. Phys. J. C 70: 723–753* (2010)
- S. A. Çetin et al , Drift Time Measurement in the ATLAS Liquid Argon Electromagnetic Calorimeter using Cosmic Muons, *Eur. Phys. J. C 70: 755–785* (2010)
- S. A. Çetin et al , The ATLAS Inner Detector commissioning and calibration, *Eur. Phys. J. C 70: 787–821* (2010)
- S. A. Çetin et al , Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20 to 350 GeV, *NIM A*, Volume 621, Issues 1-3,-21, Pages 134-150 (2010)
- S. A. Çetin et al, Rare semileptonic Bs decays to η and η' mesons in QCD *Phys. Rev. D* 82, 116001 (2010)
- S. A. Çetin et al , Strong coupling constants of decuplet baryons with vector mesons *Phys. Rev. D* 82, 096006 (2010)
- T. Aliev, O. Cakir , Probing little Higgs model in $e^+e^- \rightarrow \nu \text{ anti-}\nu \gamma$ process. 17pp. e-Print: arXiv:0707.3096 [hep-ph]. (2007)
- T.M. Aliev, O. Çakır, K.O. Ozansoy, Unparticle effects on top quark rare decays *Phys.Lett. B670:336-339*, E-Print: arXiv: hep/0809.2327 (2009)

- T. M. Aliev, K. Azizi, M. Savcı , Vertices of the heavy spin-3/2 sextet baryons with light vector mesons in QCD, *Eur. Phys. J. A* 47 125 (2011)
- T. M. Aliev, K. Azizi, M. Savcı , Nucleon tensor form factors induced by isovector and isoscalar currents in QCD , *Phys. Rev. D* 84 (2011)
- Tel, E., Aydın, E.G., Aydın, A., Kaplan, A., Bolukdemir, M.H., Okuducu, S., Investigation of Coulomb and Pairing Effects Using New Developed Empirical Formulas for Proton-Induced Reaction Cross Sections, *Phys. Atom. Nucl.*, 73(3), 412–419 (2010)
- Tel, E., Kaplan, A., Aydın, A., Özkorucuklu, S., Büyüksulu, H., Yıldırım, G., The Equilibrium and Pre-equilibrium Triton Emission Spectra of Some Target Nuclei for (n,xt) Reactions up to 45 MeV Energy, *J. Fusion Energ.* 29 (4) 312-316 (2010)
- Tel, E., Aydın, A., Aydın E. G., Kaplan, A., Yavaş, Ö., Reyhancan, İ. A., A New Developed Semi-Empirical Formulas for (p,α) at 17.9 MeV and (p,np) at 22.3 MeV Reaction Cross Sections, *Pramana J. Phys.* 74 (6) 931-943 (2010)
- Tel, E., Aydın, A., Kaplan, A., Şarer, B., New calculation method for initial exciton numbers on nucleon induced pre-equilibrium reactions, *Phys. Rev. C* 77 (2008) 054605.
- Tel, E., Aydın, A., Kaplan, A., Şarer, B., Investigation of 14-15 MeV (n,t) Reaction Cross Sections by Using New Evaluated Empirical and Semi-empirical Systematic Formulas *J. Fusion Energ.* 27 (2008) 188.
- Tel, E., Aydın, E. G., Kaplan, A., Aydın, A., New calculations of cyclotron production cross sections of some positron emitting radioisotopes in proton induced reactions, *Indian J. Phys.* 83 (2), p.193 – 212 (2009)
- Tel, E., Bölükdemir, M. H., Okuducu, Ş., Aydın, A., Kaplan, A., Investigation of neutron skin effect with density dependence by using new calculation method for initial exciton numbers on pre-equilibrium reactions, *Phys. Scripta* 80, 065201 (2009)
- Tel, E., Aydın, E.G., Aydın, A., Kaplan, A., Application of asymmetry depending empirical formulas for (p,α) reaction cross-sections at 24.8 and 28.5 MeV incident energies, *Appl. Radiat. Isot.* 67(2), p.272-276 (2009).
- V.Arı and O.Çakır , Pair Production of Tau Sneutrinos at Linear Colliders., hep-ph/1007.0659. (2009)
- V. Arı, O. Çakır, İ.T.Çakır and S. Sultansoy , Pair Production of fourth family charged sleptons at e+e- colliders, hep-ph/1006.5324. (2009)
- V. Çetinkaya, High Energy Physics Simulation Studies at CERN – LHC Experiment *Balkan Physics Letters* (2008)
- Yalım, H. A., Aydın, A., Sarpün, İ. H., Ünal, R., Oruncak, B., Kaplan, A., Tel, E. Investigation of Nucleon Mean Free Path Dependence in Tritium Emission Spectra Produced by Proton Induced Reactions at 62 MeV, *J. Fusion Energ.* 29 (1) 55-61 (2010)

- Z. Nergiz and A. Aksoy, "Low emittance lattice for the storage ring of the Turkish Light Source Facility TURKAY", Chinese Physics C, 39, (2015), 067002, doi: 10.1088/1674-1137/39/6/067002
- Z.Nergiz, A.Aksoy, S.Özkorucuklu, H.Aksakal, C. Kaya, S. Ceylan, "Electron Beam Diagnostic Layout for The Injector of Turkish Accelerator Center IR-FEL Facility", Balkan Physics Letters, 19, pp 258-261, (2011) 1 / 5

Bildiriler

- A.Aksoy, A.K. Çiftçi, Ö. Karşlı, E. Kasap, Ö. Yavaş, "A National Infrared Free Electron Laser Facility and Its Research Potential in Nanotechnology, NanoTR-III Konferansı, 11-14 Haziran 2007, Bilkent Üniversitesi, ANKARA, Bildiri Özet Kitapçığı, Sayfa: 115
- A. Aksoy, Ö. Karşlı, Ö.Yavaş, "The Turcic Accelerator Complex IR FEL Project", 4th - International Workshop on Infrared Microscopy and Spectroscopy, WIRMS 2007, September 25 - 29, 2007, Awaji-Island, Hyogo, JAPAN
-
- A. Aksoy, A.K. Çiftçi, Ö. Karşlı, E. Kasap, B. Ketenoğlu, Z. Nergiz, Ö. Yavaş, "The Status of TAC Infrared Free Electron Laser (IR FEL) Facility", XI. European Particle Accelerator Conference (EPAC08), 23-27 June 2008, Genoa, ITALY
- A. Aksoy, A.K. Çiftçi, Ö. Karşlı, B. Ketenoğlu, S. Sultansoy, Ö. Yavaş, "The Status of Turkish Accelerator Complex Project", XI. European Particle Accelerator Conference (EPAC08), 23-27 June 2008, Genoa, ITALY
- A. Aksoy, Ö. Yavaş, D. Schulte, "Beam Dynamics Simulations for CLIC Drive Beam Linac", Particle Accelerator Conference (PAC09), 4-8 May 2009, Vancouver, CANADA
- A. Aksoy, U. Lehnert, Ö. Yavaş, "Injector Design For Turkish Accelerator Center IR FEL Project", Particle Accelerator Conference (PAC09), 4-8 May 2009, Vancouver, CANADA
- A. Aksoy, H. Aksakal, P. Arıkan, B. Bilen, Ö. Karşlı, B. Ketenoğlu, S. Özkorucuklu, İ. Tapan, M. Tural, Ö. Yavaş, H. D. Yıldız, "The TAC IR FEL Oscillator Facility Project", Free Electron Laser Conference (FEL09), 23-28 August 2009, Liverpool, ENGLAND
- A: Aksoy, Ö. Yavas, K. Zengin, S. Ozkorucuklu, İ. Tapan, H. Duran Yıldız, Z. Nergiz, H. Aksakal, P. Arıkan, "The Status of Tac IR_FEL and Bremsstrahlung Project", Proceedings of IPAC'10, Kyoto, JAPAN, TUPE045
- U. Lehnert, A.Aksoy, M.Helm, P.Michel, H. Schneider, W. Seidel, D. Stehr, S.Winnerl, "Conceptual Design of a Thz Facility at The EELBE Radiation Source", p656, Proceedings of FEL2010, Malmö, SWEDEN, 23-27 August 2010, THPC05

- D.Schulte, A.Andersson,S.Bettoni, R.Corsini, A.Dubrowskiy, A.Gerbershagen, J.B.Jeanneret,G.Morpurgo, G.Sterbini, F.Stulle, R.Tomas, F.Marcellini, P.N.Burrows, C.Perry, A.Aksoy, V.Arsov,2 / 5
- A. Aksoy, et all., “ Fel Proposal Based On CLIC X-Band Structure”, Proceedings of FEL2014, Basel,Switzerland (MOP062)
- A. Aksoy, et all., “The Turkish Accelerator And Radiation Laboratory in Ankara (TARLA) Project”,Proceedings of FEL2014, Basel, Switzerland, (TUP089)
- A. Aksoy, et all., “Conceptual Design Of An X-Fel Facility Using CLIC X-Band Accelerating Structure”,Proceedings of IPAC2014, Dresden, Germany (THPRO025)
- A. Aksoy, et all., “Design Parameters And Current Status of the TARLA Project”, Proceedings of IPAC2014, Dresden, Germany, (THPRO026)
- A. Aksoy, et all.,“Turkish Accelerator Center: The Status And Road Map”, Proceedings of IPAC2014, Dresden, Germany, (THPRO027)
- U. Lehnert, A.Aksoy, et.al. “Bunch Compression Of The Low-Energy ELBE Electron Beam For Super-Radiant THz Sources”, Proceedings of IPAC2014, Dresden, Germany (TUPRO044)
- A.Aksoy, et.al. “Bunch Compressor Design For CLIC Drive Beam”, Proceedings of IPAC2014, Dresden, Germany, (THPRO028)
- G. D’Auria, A. Aksoy, et.al. “X-Band Technology For FEL Sources”, Proceedings of LINAC2014 Geneva, Switzerland, (MOPP023)
- W.C.Fang, M. Zhang, J. H. Tan, Q. Gu, Z. T. Zhao,A. Aksoy,et.al. "R&D of X-Band Accelerating Structurefor Compact XFEL at SINAP",Proceedings of LINAC2014, Geneva, Switzerland, 2014, TUPP127
- J. Pfingstner,E. Adli, A. Aksoy, et.al, "The X-Band FEL Collaboration", Proceedings of FEL2015, Daejeon, Republic of Korea, 2015, TUP013
- T. K. Charles, D. M. Paganin,A. Aksoy,et.al. "Comparison of Bunch Compression Schemes For The AXXS FEL", Proceedings of IPAC2015, Richmond, VA, USA, 2015, TUPWA005
- A. Aksoy, et.al, "Accelerator Based Light Source Projects Of Turkey", Proceedings of IPAC2016,Busan, Korea, 2016, WEPOW043
- A. Aksoy, et.al, "Design Optimization of An X-Band Based Fel", Proceedings of IPAC2016, Busan, Korea, 2016, MOPOW036
- A.Aksoy, et.al, "TARLA: The First Facility Of Turkish Accelerator Center", Proceedings of IPAC2017,Copenhagen, Denmark, 2017, WEPAB087
- A. K. Çiftçi, K. Zengin, R. Çiftçi, et. al., Interaction-Region Design Options for a Linac-Ring LHeC, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan

- A. K. Çiftçi, K. Zengin, R. Çiftçi, et. al., Interaction-Region Design Options for a Linac-Ring LHeC, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- Adnan Kılıç, Simulation of Detector in GEANT4, 2nd CERN-ECFA-NuPECC Workshop on the LHeC1, August 31– September 4, 2009, Divonne les Bains – France
- A. Ozansoy , Indirect Search for Excited Electrons at Linear Colliders, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- A.Aydın., Pekdoğan, H., Tel, E., Kaplan, A., Yalım, H. A., Investigation of Level Density Parameter Dependence in the (p,f) Cross Sections of Some Subactinide Nuclei, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Algın E., Akkus B., Çalışkan A., Şahin L. and Yılmaz M., TAC Proton Accelerator Facility: The Status and Road Map Second International Ulaanbaatar Conference on Nuclear Physics and Applications, 26-30 Temmuz 2010, Ulaanbaatar-Mongolia
- A.Uşun, E.Tatoğlu and P.Arıkan , Free electron laser in infred region based on linear accelerator and its applications, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- Baki Akkus, Yeşim Öktem, Latife Sahin, Emel Algın, Metin Yılmaz, Turkish Accelerator Centre Proton Accelerator Technical Design, International Nuclear Physics Conference (INPC 2013), June 2-7, 2013, Firenze, Italy
- B. Akkuş, H. Aksakal, A. Aksoy, E. Algın, O. Çakır, Z. Nergiz, S. Özkorucuklu, L.Şahin, Ö. Yavaş, H.D. Yıldız, Turkish Accelerator Center: The Status and Road Map, 5th International Particle Accelerator Conference (IPAC2014), June 15-20, 2014, Dresden, Germany
- B. Ketenoğlu, et. al., The TAC IR FEL Oscillator Facility Project, 31st Free Electron Laser Conference (FEL09), 23-28 Ağustos 2009, Liverpool, England
- B. Ketenoğlu, et. al., Technical Design Studies of TAC SASE FEL Proposal 31st Free Electron Laser Conference (FEL09), 23-28 Ağustos 2009, Liverpool-England
- B. Ketenoğlu, O. Yavas, M. Tural, S. Ozkorucuklu, I. Tapan, O. Sahin, P. Arıkan Technical Design Studies of TAC SASE FEL Proposal, 31st Free Electron Laser Conference, FEL09, 23-28 Ağustos 2009, Liverpool, England
- B. Ketenoğlu, Ö. Yavaş , An Asynchronously Operating ERL-Ring Type Collider Proposal for the TAC Particle Factory and SASE FEL Facility, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Ç. Kaya, A. Aksoy, Ö. Karşlı, The studies on magnet science and technologies at TARLA , 7th Asian Conference on Applied Superconductivity and Cryogenics Conference , October 23-25, 2013, Ürgüp, Kapadokya, TURKEY.-

- C. Kaya, A.Aksoy, et.al, "Beam Diagnostic e-Gun Test Stand at TARLA", Proceedings of IPAC2014,Dresden, Germany (MOPRI045)
- E. Kazancı, A.Aksoy, et.al., "Current Status Of TARLA Control System", Proceedings of IPAC2014,Dresden, Germany, (THPRO127)
- Emre Erođlu , Energy Deposition And Positron Production Studies With Fluka, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muđla
- E.Tatođlu,P.Arıkan ,THM süperiletken lineer hızlandırıcıdan elde edilen serbest elektron lazerine dayalı bilimsel ve endüstriyel uygulamalar ,TPS 27 th International Physics Congress, 14-17 Eylül 2010, İstanbul Üniversitesi, İstanbul
- Fatma Koçak, PbWO4 Cherenkov light contribution to Hamamatsu S8148 and Zinc Sulfide – Silicon avalanche photodiodes signals, 11th Pisa Meeting on Advanced Detectors, May 24-30, 2009, Elba, Italy
- F. Zimmermann, A. K. Çiftçi, R. Çiftçi , Deflecting Synchrotron Radiation from the Interaction Region of a Linac-Ring LHeC, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- F. Zimmerman, A.K. Çiftçi et al., The Large Hadron-electron Collider (LHeC) at LHC 23th Particle Accelerator Conference (PAC09), 4-8 May 2009, Vancouver, Canada
- F. Zimmermann, A. K. Çiftçi, R. Çiftçi , Deflecting Synchrotron Radiation from the Interaction Region of a Linac-Ring LHeC, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- Arı, F., Telatar, Z., "Detection of Changes in Images with Two Dimensional Moments", First IEEE Balkan Conference on Signal Processing, Communications, Circuits and Systems (Balkan'2000), CDROM, Istanbul, 2000.
- Efe, M., Arı, F., Özek, F., Atherton, D. P., Ali, F., "Double-ended Optical Beam Tracking", Proceedings of 2003 IEEE Conference on Control Applications (CCA 2003), pp.1221-1226, June 23-25, Istanbul, 2003.
- Akbulut, A., Efe, M., Ceylan, A. M., Arı, F., Telatar, Z., İlk, H.G., Tuğaç, S., "An Experimental Hybrid FSO/RF Communication System", Proceedings of the second IASTED International Conference on Communication Systems and Networks (CSN 2003), pp.406-411 , September 8-10, Benalmadena, Spain, 2003.
- Özek, F., Arı, F., "Transceiver Design Parameters and Range Estimation for Optical Wireless Between Mobile Terminals", Proceedings of the second IASTED International Conference on Communications, Internet, and Information Technology (CIIT 2003), pp.94-97 , November 17-19, Scottsdale, AZ, USA, 2003.

- Akbulut, A., İlk, H.G., Arı, F., "Design, Availability and Reliability Analysis on an Experimental Outdoor FSO/RF Communication System", Proceedings of 7th International Conference on Transparent Optical Networks (ICTON 2005), pp.403-406 , July 3-7, Barcelona, Spain, 2005.
- Ari, F., Ozek, F., Ozturk, O., Geren, O., "Techniques for Link Security in Outdoor Mobile Laser Optical Wireless", Proceedings of 8th International Conference on Transparent Optical Networks (ICTON 2006), pp. 160-163 , June 18-22, Nottingham, United Kingdom, 2006.
- Tuncer, T.E., Arı, F., "2-Boyutlu hatasız ters katlama", 6. Sinyal İşleme ve Uygulamaları Kurultayı (SIU 98), s.153-158, Ankara, 1998.
- Nalcaci, E., Gunes, E., Erdogan, M., Telatar, Z., Ari, F., Ozturk, O., "Design and Implementation of the Eye Movement Detection System in Investigation of Spatial Neglect", Neuroanatomy Abstract Book, 5th National Congress of Neuroscience, v. 5, suppl. 1, p. 35, Zonguldak, 2006.
- Gunes, E., Nalcaci, E., Erdogan, M., Telatar, Z., Ari, F., Ozturk, O., "Design and Implementation of the System Detecting Uninterrupted Turning Movements (ROTOMETER)", Neuroanatomy Abstract Book, 5th National Congress of Neuroscience, v. 5, suppl. 1, p. 35, Zonguldak, 2006.
- H. D. Yıldız., TAC IR-FEL System, 31st Free Electron Laser Conference - FEL09, 23-28 Ağustos 2009, Liverpool, England
- H. D. Yıldız , Turkish Accelerator Complex, FEL Resonator System, 17th International Conference on Advanced Laser Technologies (ALT09), 27 Eylül-02 Ekim 2009, Antalya
- H. D. Yıldız , A Self-Amplified Spontaneous Emission Free Electron Laser, Codes and Undulator Modelling, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- H.F.Kışoğlu, A.Çalışkan, M.Yılmaz, Some Criteria at DTL Design For Turkish Accelerator Center (TAC) Linac, International Pyhsics Conference, 30 Haziran-02 Temmuz 2010, Bakü-Azerbaijan
- Ihan Tapan , PbWO4 Cherenkov light contribution to the avalanche photodiode signal, 10th International Conference on Inorganic Scintillators and their Applications (SCINT 2009), June 8 – 12, 2009, Jeju Island, Corea
- Iskender Akkurt et al., Radiation Shielding of the Bremsstrahlung Photon Facility at TARLA, X. Radiation Physics and Protection Conference, 26-30 Kasım 2010, Cario-Egypt
- Akkurt I, Kaplan A (2004). Photodisintegration of Deuteron In The GDR. Türk Fizik Dernegi (TFD22) Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179248)

- Akkurt I, Kaplan A (2004). Calibration of A NE213 Detector In The Neutron Measurement. Türk Fizik Derneği (TFD22) 22. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179262)
- Akkurt I, Mavi B, Sevin Z, Kaplan A (2004). The Effect of Base Station On Background Radiation. Türk Fizik Derneği (TFD22) 22. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179221)
- Akkurt I, Sevin Z, Mavi B, Kaplan A (2004). Variation of Natural Gamma Radiation In Isparta. Türk Fizik Derneği (TFD22) 22. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179238)
- Akkurt I, Kaplan A (2005). 184W g n Reaksiyonunun Açısız Dağılımı. IX. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi (/)(Yayın No:179699)
- Akkurt I, Kaplan A (2004). LINAC da Fotonötron Ölçümü. Proceeding of II. Ulusal Parçacık Hızlandırıcıları ve Uygulamaları Kongresi (UPHUK2) (Tam Metin Bildiri)/(Yayın No:133296)
- Akkurt I, Mavi B, Çırçıroğlu Z, Kaplan A (2002). Elektromanyetik Kirlilik ve Ölçme Teknikleri. Türk Fizik Derneği (TFD21) 21. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179177)
- Akkurt I, Kaplan A, Annand J R M (2002). Foton Radyoterapide Nötron Dozunun Ölçülmesi. Türk Fizik Derneği (TFD21) 21. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179156)
- Akkurt I, Çırçıroğlu Z, Mavi B, Kaplan A (2002). Isparta ve Çevresinin Doğal Fon Background Radyasyonunun Ölçümü. Türk Fizik Derneği (TFD21) 21. Ulusal Fizik Kongresi (Özet Bildiri)/(Yayın No:179195)
- Akkurt I, Kaplan A, Annand J R M (2001). Hızlandırıcılarla Fotonükleer Reaksiyonlar. I. Ulusal Parçacık Hızlandırıcıları ve Uygulamaları Kongresi (UPHUK1) (Tam Metin Bildiri)/(Yayın No:133278)
- K. Zengin, M. Şahin, A. K. Çiftçi ,The Design of Booster Ring for Synchrotron Radiation of the Turkish Accelerator Center Project, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- K. Zengin , A Lattice Study for the Synchrotron Radiation Facility of the Turkish Accelerator Complex (TAC) with 3.56 GeV, 23th Particle Accelerator Conference (PAC09), 4-8 May 2009, Vancouver, Canada
- Kaplan A, Tel E, Yalçın E G (2007). Proton Gelme Enerjisi 50 MeV ye kadar olan ^{232}Th p n ^{232}Pa , ^{237}Np p n ^{237}Pu ve ^{238}U p n ^{238}Np Reaksiyonlarının Tesir kesitlerinin Hesaplanması. IV. Nükleer Yapı Özellikleri Çalıştayı (Özet Bildiri)/(Yayın No:179359)

- Kaplan A, Büyükuşlu H, Sevin Z (2006). Dedegöl Dağı Yenisarbademli ISPARTA ve Çevresinde Doğal Background Radyasyon Ölçümü. III. Nükleer Yapı Özellikleri Çalıştayı (Özet Bildiri/)(Yayın No:179343)
- Kaplan A (2005). Güneşin Ultraviyole UV Radyasyonu ve İnsan Sağlığına Etkileri. 23 Mart Dünya Meteoroloji Günü Çalıştayı (Tam Metin Bildiri/)(Yayın No:133304)
- Kaplan A, Büyükuşlu H (2006). Eysel Cihazların Doğal Background Radyasyona Etkisi. Radyasyon ve Çevre Sempozyumu-2006 (Tam Metin Bildiri/)(Yayın No:133309)
- Kaplan A (2008). THM Proton Hızlandırıcısı İçin Nc ve Sc Hızlandırıcı Versiyonları. Türk Hızlandırıcı Merkezinin (THM) Teknik Tasarımı ve Test Laboratuvarları V Çalıştayı (Özet Bildiri/)(Yayın No:179514)
- Kaplan A, Ergün Y, Özdoğan H (2012). 15 MeV lik Siklotronda Üretilen Bazı Tıbbi Radyoizotopların Nötron Yayınlanma Spektrumlarının İncelenmesi. ADIM Fizik Günleri-II (/)(Yayın No:179845)
- Kaplan, A., Büyükuşlu, H., Tel, E., Aydın, A. and Yıldırım, G., The Study of the (p,n) Reaction Cross Sections for 86,87,88 Sr and 43,44Ca Nuclei in the Region of Alkaline Earth Metals, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Kaplan A, Büyükuşlu H (2009). p 3n Reaksiyonu İle Üretilen Bazı Deforme Çekirdeklerin Üretim Tesir Kesitlerinin Hesaplanması. X. Ulusal Nükleer Bilimler ve Teknolojileri Kongresi (/)(Yayın No:179709)
- Kaplan A, Tel E, Aydın A, Yılmaz M (2008). Ağır Hedeflerden Nötron Üretimlerinin Karşılaştırılması. Türk Hızlandırıcı Merkezinin (THM) Teknik Tasarımı ve Test Laboratuvarları VI Çalıştayı (Özet Bildiri/)(Yayın No:179461)
- Kaplan A, Büyükuşlu H (2010). 151 153Eu ve 169Tm İzotopları İçin p n p 3n Reaksiyonlarına Ait Nötron Üretim Tesir Kesitlerinin Nükleer Reaksiyon Modelleri Kullanılarak Hesaplanması. IV. Ulusal Parçacık Hızlandırıcıları ve Uygulamaları Kongresi (UPHUK4) (/)(Yayın No:179787)
- Kaplan A, Büyükuşlu H, Ergün Y (2010). Döteron 3He ve Alfa Girişli Nükleer Reaksiyonlara Ait Nötron Üretim Tesir Kesitlerinin Hesaplanması. ADIM Fizik Günleri-I (/)(Yayın No:179773)
- Kaplan A, Ergün Y, Özdoğan H (2012). 15 MeV lik Siklotronda Üretilen Bazı Tıbbi Radyoizotopların Nötron Yayınlanma Spektrumlarının İncelenmesi. ADIM Fizik Günleri-II (/)(Yayın No:179845)
- Kayaalp, K. ve Ozkorucuklu, S., Accelerator Control System, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- Kalaycı, A.G., Digital Low Level RF System , 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla

- K. Zengin, A. K. Çiftçi, R. Çiftçi , An Update of the Lattice Design of the TAC Proposed Synchrotron Radiation and Insertion Devices, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- L. Şahin , Determination of Radon and Radium Concentrations in Drinking Water around the Kutahya City , TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- L. Şahin , Studies with Neutrons, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- L. Şahin , Determination of Indoor Radon Concentration in Kutahya,7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- L. Şahin ,Cross Section Calculation on some Nuclear Reactions in Astrophysics , TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- M.Arık, P.S. Bilgin, A.Çalışkan, M.A. Çetiner, S.Sultansoy, A provisional study of ADS within Turcic Accelerator Complex Project ,III. International Conference on Nuclear & Renewable Energy Resources (NuRER), May 20-23, 2012, İstanbul, Turkey
- M.Biçer,S.Ceylan,S.Özkorucuklu,P.Arıkan , THM IR SEL Tesisi Elektron Demeti Atıkları için Faraday Kabı Modellemesi , TPS 27 th International Physics Congress, 14-17 Eylül 2010, İstanbul Üniversitesi, İstanbul
- M. Şahin, O. Çakır , Search for Scalar Diquarks at LHeC Based Gamma Proton Colliders , TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Nilgün Demir, Simulation for Argon based gas detectors , 11th International Workshop on Radiation Imaging Detectors, June 28 – July 2 2009, Prague, Czech Republic
- N. Kandemir , Transverse Beam Dynamics in Accelerators, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- Nilgün Demir ,Production of high energy photon beam at TAC, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Nilgün Demir , Calculation of bremsstrahlung yield fort thin target , TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Nilgün Demir , Signal fluctuations for micromegas at different gas pressures, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Nilgün Demir, İskender Akkurt, Mahmut Dogru, Gultekin Yegin, H.Ozan Tekin, Zehra N. Demirci, Simulations of Bremsstrahlung photon yields generated in thin radiator, 2nd International Conference on Nuclear and Renewable Energy Resources (NURER), 04-07 July 2010, Ankara
- Ö. Yavaş, The Status of Turkish Accelerator Center Test Facility, VI. Balkan International Physics Conference of Balkan Physical Union (BPU-6), 22-26 August 2006, İstanbul, TURKEY

- Ö. Yavaş, Ş. Yiğit, A Parameter Optimization for a National SASE FEL Facility VI. Balkan International Physics Conference of Balkan Physical Union (BPU-6) 22-26 August 2006, İstanbul, TURKEY
- Ö. Yavaş, Turkish Accelerator Center Project, 7th Balkan Physical Union (BPU) Student Conference, Sept. 4-7, 2009, Bodrum, Muğla
- Ö. Yavaş, Turkish Accelerator Center Project: The Status and Regional Importance 7th Balkan Physical Union (BPU) General Physics Congress, Sept. 8-13, 2009, Greece
- Ö. Yavaş, Turkish Accelerator Center Project: The Status and Road Map, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Ö. Yavaş, Turkish Accelerator Center, APS March Meeting 2012, 27.02-02.03.2012, Boston, USA
- Ö. Yavaş, Turkish Accelerator Center: Teh Status and Road map, 7th Asian Conference on Applied Superconductivity and Cryogenics Conference, October 23-25, 2013, Ürgüp, Kapadokya, TURKEY.
- Ö. Yavaş et al., Conceptual Design of An X-FEL Facility Using CLIC X-Band Accelerating Structure, 5th International Particle Accelerator Conference (IPAC2014), June 15-20, 2014, Dresden, Germany
- Ö. Yavaş, Facilities of TAC and Their Reserach Potential, 30th European Conference on Surface Science (ECOSS30), 31 August-5 September 2014, Antalya, Turkey
- Ö. Karşlı, Ö. Mete, Ö. Yavaş, An Optimization Study for a FEL Oscillator as TAC Test Facility X. European Particle Accelerator Conference (EPAC06), 26-30 June 2006, Edinburgh, SCOTHLAND
- Ö. Karşlı, A. Aksoy, Y. Cenger, Ö. Yavaş, "A First Step to Turkish Accelerator Center (TAC): An IR FEL Facility", XXX. Int. Free Electron Laser Conference (FEL08), 24-29 August 2008, Gyeongju, KOREA
- Ö. Karşlı O., Yavas O. and Dogan M, Design of L Band 20 kW High Power Solid State Amplifier for TARLA / TAC Project, 3rd International Congress on Radiation Physics and Chemistry of Condensed Matter, High Current Electronics and Modification of Materials with Particle Beams and Plasma Flows, 17-21 Eylül 2012, Tomsk-Russia.,
- Ö.Karşlı, Ç.Kaya, A.Aksoy, RF Applications on Superconducting Accelerator Design, 7th Asian Conference on Applied Superconductivity and Cryogenics Conference, October 23-25, 2013, Ürgüp, apadokya, TURKEY.
- Ö. Karşlı, A. Aksoy, et.al. "Final Structure & Design Parameters of TARLA RF System", Proceedings of IPAC2014, Dresden, Germany (WEPRI044)

- Özkan Şahin, Variation of Penning transfer probabilities for different argon based gas mixtures, 1st International Conference on Micro – Pattern Gaseous Detectors, June 12-15, 2009, Cretan, Greece
- Özkan Şahin, Penning transfer: learning about mechanism from gain curves , 4th CERN RD51 Colloboration Meeting, November 23 – 25, 2009, CERN, Geneva –Switzerland
- P.Arıkan , Turkish Synchrotron and FEL Projects , EU ELISA Council Meeting , 10 Eylül 2010, Munich-Germany
- P.Arıkan, S.Erdoğan, A.Uşun, E.Tatoğlu , Türk Hızlandırıcı Merkezi IR SEL Tesisi Deney İstasyonları ve Uygulama Alanları ,TPS 27 th International Physics Congress, 14-17 Eylül 2010, İstanbul Üniversitesi, İstanbul
- R. Çiftçi, A.K. Çiftçi, K. Zengin, A Study of Lattice Structure and Insertion Devices at the Positron Ring of the TAC Project 23th Particle Accelerator Conference (PAC09), 4-8 May 2009, Vancouver, Canada
- S. Ozkorucuklu, Ö. Yavaş, O. Çakır, A.K. Ciftci, R. Ciftci, A. Aksoy, B. Ketenoğlu, K. Zengin,B. Akkus,P. Arıkan,H.Duran Yıldız, L. Sahin, "The Status of Turkish Accelerator Center Project",Proceedings of IPAC'10, Kyoto, JAPAN , 23-28 May 2010, THPD059
- S. Özkorucuklu, H. Duran Yıldız, P. Arıkan, A. Aksoy, B. Ketenoğlu, Ö. Yavaş, A. K. Çiftçi, R. Çiftçi, K. Zengin, O. Çakır ,The Status of Turkish Accelerator Center Project, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- S. Özkorucuklu, H. Duran Yıldız, P. Arıkan, H. Aksakal, Z. Nergiz, İ. Tapan, A. Aksoy, Ö. Yavaş, K. Zengin ,The Status of TAC IR FEL & Bremsstrahlung, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- S. Özkorucuklu, H. Duran Yıldız, P. Arıkan, A. Aksoy, B. Ketenoğlu, Ö. Yavaş, A. K. Çiftçi, R. Çiftçi, K. Zengin, O. Çakır ,The Status of Turkish Accelerator Center Project, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- S. Özkorucuklu, H. Duran Yıldız, P. Arıkan, H. Aksakal, Z. Nergiz, İ. Tapan, A. Aksoy, Ö. Yavaş, K. Zengin , The Status of TAC IR FEL & Bremsstrahlung, X. Uluslararası Parçacık Hızlandırıcı Konferansı (IPAC10), 23-28 Mayıs 2010, Kyoto-Japan
- S.Ozkorucuklu, The TARLA Facility Control System Based on NI Instrumentation, National Instruments Co. Academic Days, 13 Mayıs 2010, Beirut-Lebanon
- S. Ceylan., Ozkorucuklu, S. , Elektron Demet Diyagnostiği, TFD 26. Uluslararası Fizik Kongresi, 24-27 Eylül 2009, Bodrum, Muğla
- Ş. Yiğit, A. Aksoy, Ö. Yavaş, "The Status of UV SASE FEL and Oscilator IR FEL Propsals of TAC Project", 15th Int. Conference on VUV Radiation Phsyisc July 29th-August 3rd, 2007, Berlin, GERMANY

- T. Sipahi, Ö. Yavaş, Electron Sources for Electron Accelerators, 7th Balkan Physical Union (BPU) Student Conference , Sept. 4-7, 2009, Bodrum, Muğla
- V. Çetinkaya, O. Çakır , Single Production of Fourth Family b' Quarks at LHeC, TPS 26th International Physics Conference, Sept. 24-27, 2009, Bodrum, Muğla
- Z. Nergiz, A. Aksoy, et al., “The Status of Turkish Synchrotron Radiation Source Machine Design”, Proceedings of IPAC2014, Dresden, Germany (MOPRO097)