Prof. LEYLA ÖZGENER

Personal Information

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Education

Doctorate, Ege University, Graduate School of Natural and Applied Sciences, Mechanical Engineering, Turkey 2002 - 2005
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Ana Bilim Dalı, Turkey 1999 - 2002
Undergraduate, Pamukkale University, Engineering, Mechanical Engineering, Turkey 1993 - 1998

Dissertations

Doctorate, Exergoeconomic analysis of geothermal district heating systems, Ege University, Fen Bilimleri Enstitüsü, Mechanical engineering, 2005
Postgraduate, Modelling and analysing the vibrations on a travelling truck cabin by computer, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Ana Bilim Dalı, 2002

Research Areas

Avesis Research Areas: Mechanical Engineering, Energy, Thermodynamics, Engineering and Technology
WoS Research Areas: Engineering Computing & Technology (Eng), Engineering, Thermodynamics
Scopus Research Areas: General Engineering

Academic Positions

Professor, Manisa Celal Bayar University, Mühendislik , Makine Mühendisliği, 2022 - Present
Associate Professor, Manisa Celal Bayar University, Mühendislik , Makine Mühendisliği, 2011 - 2022
Associate Professor, Ege University, Solar Energy Institute, 2019 - 2021
Associate Professor, Yasar University, Meslek Yüksekokulu, 2015 - 2018
Professor, University of South Florida, Clean Energy Research Center, 2016 - 2016
Associate Professor, Cornell University, Cornell Energy Institute, College of Engineering, Smith School of Chemical and Biomolecular Engineering, 2012 - 2013
Assistant Professor, Manisa Celal Bayar University, Mühendislik, Makine Mühendisliği, 2009 - 2011
Lecturer PhD, Manisa Celal Bayar University, Mühendislik, Makina Mühendisliği, 2006 - 2009
Lecturer, Ege University, Ege Meslek Yüksekokulu, İklimlendirme ve Soğutma Teknolojisi, 2004 - 2005

Academic and Administrative Experience

Head of Department, Manisa Celal Bayar University, Makine Mühendisliği, 2021 - 2026
Head of Department, Manisa Celal Bayar University, Mühendislik, Makine Mühendisliği, 2018 - 2019
Head of Department, Manisa Celal Bayar University, Mühendislik, Makina Mühendisliği, 2006 - 2014

Supervised Theses

Özgener L., Energy, Exergy, and Economic Analysis of a Wind Power Generation Facility, Postgraduate, K.KUM(Student), 2026
Özgener L., Electricity Generation Analysis of Energy Obtained from Pressure Drop in Natural Gas Regional Regulators and Its Effect on Efficiency, Postgraduate, E.NAS(Student), 2026
Özgener L., Energy and Exergy Analysis in Textile Factory, Postgraduate, İ.ATAK(Student), 2026
Özgener L., Özgener Ö., Türkiye's energy vision in the next 50 years, Doctorate, S.ÇEKİNİR(Student), 2023
Özgener L., Thermodynamic analysis of an industrial dryer, Postgraduate, G.TİMİNCİOĞLU(Student), 2022
Özgener L., Özgener Ö., Thermodynamics analysis of the cardan shaft production line, Postgraduate, Z.NAZ(Student), 2022
Özgener L., Özgener Ö., Estimation of annual daylength and energy expenses of cities in the Aegean Region, Postgraduate, O.GENÇ(Student), 2021
Özgener L., Air conditioning and cost analysis of a region in Manisa with vertical type ground source heat pump, Postgraduate, H.BÜYÜKŞEN(Student), 2020
Özgener L., The comparison of photovoltaic solar panel types that uses for electricity generation in buildings of İzmir province in terms of efficiency, and their cost analysis, Postgraduate, K.TUNÇGÖVDE(Student), 2020
Özgener L., Thermal design and energy, exergy, economic analysis of boiler in gas engine or gas turbine outputs in cogeneration units, Postgraduate, Y.ERDOĞMUŞ(Student), 2020
Özgener L., Özgener Ö., Designing and modelling of an inverter that provides energy output at high voltage level, Doctorate, A.YILDIZ(Student), 2020
Özgener L., Economic analysis of wind energy system investments in Turkey, Postgraduate, G.BEKAR(Student), 2020
Özgener L., Modelling new techniques in waste heat recovery, Doctorate, E.ERSAYIN(Student), 2020
Özgener L., Increasing energy efficiency in rms-a stations, Postgraduate, Ö.YENİÇAĞ(Student), 2020
Özgener L., Computational fluid dynamics analysis of earth-air heatexchanger, Postgraduate, M.KURT(Student), 2019
Özgener L., Modeling of biomass sample in a district heating system, Postgraduate, A.ÖNCEL(Student), 2019
Özgener L., CBU Muradiye Campus hybrid system variations: Case study, Postgraduate, P.TÜRK(Student), 2018
Özgener L., Özgener Ö., Prediction soil temperatures to evaluate low enthalpy geothermal resources assessment in Aegean region of Turkey, Postgraduate, D.YENER(Student), 2017
Özgener L., Effect of utilization of renewable energies on CO2 emissions: Manisa, example, Postgraduate, Ş.ZERRİN(Student), 2016
Özgener L., Özgener Ö., Thermoeconomic analysis of production of electricity on natural gas pressure reducing stations, Doctorate, M.ALPARSLAN(Student), 2014
Özgener L., Energetic and exergetic performance analysis of different refrigerant fluids (coolants)in binary cycle geothermal power plant., Postgraduate, A.BAŞARAN(Student), 2012
Özgener L., Performance analysis of a combined cycle plant, Postgraduate, E.ERSAYIN(Student), 2012
Özgener L., Özgener Ö., Design of a photovoltaic assisted earth to air heat exchanger, Postgraduate, A.YILDIZ(Student), 2011
Özgener L., Second law and exergoeconomic analysis of a geothermal power plant, Postgraduate, D.YILDIRIM(Student), 2011
Özgener L., Özgener Ö., Exergy Analysis of Wind Power Plants, Postgraduate, Ö.BAŞKUT(Student), 2010

Articles

I. **Performance of open loop earth contact heating and cooling networks: Part1. An experimental study on Greenhouse cooling**
Özgener Ö., Özgener L., Goswami D. Y.
Solar Compass, vol.19, pp.100173, 2026 (Scopus)

II. **Thermodynamic modeling and analysis of a hybrid supercritical (scCO2) power and refrigeration cycle using different refrigerants**
Ersayın E., Özgener L.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART A: JOURNAL OF POWER AND ENERGY, vol.0, no.0, 2026 (SCI-Expanded, Scopus)

III. **A novel ejector-based heat pump system for electric vehicle applications**
Ersayın E., Özgener L.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.151, no.7, pp.5723-5744, 2026 (SCI-Expanded, Scopus)

IV. **Modelling and simulation of a double ejector refrigeration system: thermodynamic perspectives**
Ersayın E., Özgener L.
INTERNATIONAL JOURNAL OF EXERGY, vol.50, no.3, pp.223-236, 2026 (SCI-Expanded, Scopus)

V. **Shaping the Energy Future: Long-Term Production Projections, Risks, and Resource Management Strategies – A Case Study**
Çekinir S., Özgener Ö., Özgener L.
ENERGY SOURCES, PART B: ECONOMICS, PLANNING AND POLICY, vol.26, no.1, pp.2669811, 2026 (SCI-Expanded, Scopus)

VI. **Effect of using ejector on energetic and exergetic performance of refrigeration systems**
Ersayın E., Özgener L.
INTERNATIONAL JOURNAL OF EXERGY, vol.48, no.4, pp.338-349, 2025 (SCI-Expanded, Scopus)

VII. **Modeling and performance assessment of a combined geothermal-ejector refrigeration system**
Ersayın E., Özgener L.
Geothermics, vol.123, 2024 (SCI-Expanded, Scopus)

VIII. **A review of earth contact heating/cooling systems and a comparison of ground source heat pumps and earth air heat exchangers**
Çekinir S., ÖZGENER L.
Solar Compass, vol.9, 2024 (Scopus)

IX. **A parametric study on energy, exergy and exergoeconomic analysis of a paint curing oven**
Ayvalı Z. N., Ozgener O., ÖZGENER L.
International Journal of Exergy, vol.41, no.1, pp.60-73, 2023 (SCI-Expanded, Scopus)

X. **Türkiye's energy projection for 2050**
Çekinir S., Ozgener O., ÖZGENER L.
Renewable Energy Focus, vol.43, pp.93-116, 2022 (ESCI, Scopus)

XI. **A study on heating and cooling requirements for green buildings and refugee settlements**
Çekinir S., Ozgener O., Ozgener L.
International Journal of Global Warming, vol.26, no.4, pp.391-404, 2022 (SCI-Expanded, Scopus)

XII. **Evaluation of the efficiency of the dryers in thermoplastic vulcanisate extrusion production lines with the energy and exergy analysis method**
Özgener L., Özgener Ö., Doğru A. K.
INTERNATIONAL JOURNAL OF EXERGY, vol.36, no.2/4, pp.361-381, 2021 (SCI-Expanded, Scopus)

XIII. **Thermodynamics analysis of biomass fired brick drying process**
Dogru A. K., Camcioglu E., Ozgener O., Ozgener L.
International Journal of Exergy, vol.35, no.4, pp.421-437, 2021 (SCI-Expanded, Scopus)

XIV. **Prediction of soil temperatures for shallow geothermal applications in Turkey**
Yener D., Ozgener O., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.70, pp.71-77, 2017 (SCI-Expanded, Scopus)

XV. **Thermo-mechanical exergy analysis of Marmara Eregli natural gas pressure reduction station (PRS): An application**
Alparslan Neseli M., Ozgener O., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.77, pp.80-88, 2017 (SCI-Expanded, Scopus)

XVI. **Seven years energetic and exergetic monitoring for vertical and horizontal EAHE assisted agricultural building heating**
Ozgener O., Ozgener L., Goswami D. Y.
Renewable and Sustainable Energy Reviews, vol.80, pp.175-179, 2017 (SCI-Expanded, Scopus)

XVII. **Energy and exergy analysis of electricity generation from natural gas pressure reducing stations**
Neseli M. A., Ozgener O., Ozgener L.
Energy Conversion and Management, vol.93, pp.109-120, 2015 (SCI-Expanded, Scopus)

XVIII. **Modeling of driveway as a solar collector for improving efficiency of solar assisted geothermal heat pump system: A case study**
Ozgener O., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.46, pp.210-217, 2015 (SCI-Expanded, Scopus)

XIX. **Performance analysis of combined cycle power plants: A case study**
Ersayin E., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.43, pp.832-842, 2015 (SCI-Expanded, Scopus)

XX. **Investigation of the effect of different refrigerants on performances of binary geothermal power plants**
Basaran A., Ozgener L.
Energy Conversion and Management, vol.76, pp.483-498, 2013 (SCI-Expanded, Scopus)

XXI. **Three heating seasons monitoring of thermo-economic parameters of a prototype EAHE system for technological forecasting and evaluating low grade geothermal resources in Turkey**
Ozgener L., Ozgener O.
Energy and Buildings, vol.66, pp.346-352, 2013 (SCI-Expanded, Scopus)

XXII. **A practical approach to predict soil temperature variations for geothermal (ground) heat exchangers applications**
Ozgener O., Ozgener L., Tester J. W.
International Journal of Heat and Mass Transfer, vol.62, no.1, pp.473-480, 2013 (SCI-Expanded, Scopus)

XXIII. **THREE COOLING SEASONS MONITORING OF ENERGETIC PERFORMANCE ANALYSIS OF AN EAHE (EARTH TO AIR HEAT EXCHANGER) ASSISTED SOLAR GREENHOUSE BUILDING**
Ozgener O., Ozgener L.
JOURNAL OF GREEN BUILDING, vol.8, no.2, pp.153-161, 2013 (Scopus)

XXIV. **Three cooling seasons monitoring of exergetic performance analysis of an eahe assisted solar greenhouse building**
Ozgener O., Ozgener L.
Journal of Solar Energy Engineering, Transactions of the ASME, vol.135, no.2, 2013 (SCI-Expanded, Scopus)

XXV. **Thermodynamics and exergoeconomic analysis of geothermal power plants**
Yildirim D., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.16, no.8, pp.6438-6454, 2012 (SCI-Expanded, Scopus)

XXVI. **Energetic performance analysis of a solar photovoltaic cell (PV) assisted closed loop earth-to-air heat exchanger for solar greenhouse cooling: An experimental study for low energy architecture in Aegean Region**
Yildiz A., Ozgener O., Ozgener L.
Renewable Energy, vol.44, pp.281-287, 2012 (SCI-Expanded, Scopus)

XXVII. **Coefficient of performance (COP) analysis of geothermal district heating systems (GDHSs): Salihli GDHS case study**
Ozgener L.
Renewable and Sustainable Energy Reviews, vol.16, no.2, pp.1330-1334, 2012 (SCI-Expanded, Scopus)

XXVIII. **Exergoeconomic assessment of a wind turbine power plant (WTTP): Cesme, Izmir, example**

Baskut O., Ozgener L.
Energy, vol.47, no.1, pp.577-581, 2012 (SCI-Expanded, Scopus)

XXIX. **A review on the experimental and analytical analysis of earth to air heat exchanger (EAHE) systems in Turkey**
Ozgener L.
Renewable and Sustainable Energy Reviews, vol.15, no.9, pp.4483-4490, 2011 (SCI-Expanded, Scopus)

XXX. **Exergetic performance assessment of solar photovoltaic cell (PV) assisted earth to air heat exchanger (EAHE) system for solar greenhouse cooling**
Yildiz A., Ozgener O., Ozgener L.
Energy and Buildings, vol.43, no.11, pp.3154-3160, 2011 (SCI-Expanded, Scopus)

XXXI. **Experimental prediction of total thermal resistance of a closed loop EAHE for greenhouse cooling system**
Ozgener O., Ozgener L., Goswami D. Y.
International Communications in Heat and Mass Transfer, vol.38, no.6, pp.711-716, 2011 (SCI-Expanded, Scopus)

XXXII. **Determining the optimal design of a closed loop earth to air heat exchanger for greenhouse heating by using exergoeconomics**
Ozgener O., Ozgener L.
Energy and Buildings, vol.43, no.4, pp.960-965, 2011 (SCI-Expanded, Scopus)

XXXIII. **Second law analysis of wind turbine power plants: Cesme, Izmir example**
Baskut O., Ozgener O., Ozgener L.
Energy, vol.36, no.5, pp.2535-2542, 2011 (SCI-Expanded, Scopus)

XXXIV. **An experimental study of the exergetic performance of an underground air tunnel system for greenhouse cooling**
Ozgener L., Ozgener O.
Renewable Energy, vol.35, no.12, pp.2804-2811, 2010 (SCI-Expanded, Scopus)

XXXV. **Exergoeconomic analysis of an underground air tunnel system for greenhouse cooling system**
Ozgener O., Ozgener L.
International Journal of Refrigeration, vol.33, no.5, pp.995-1005, 2010 (SCI-Expanded, Scopus)

XXXVI. **Energetic performance test of an underground air tunnel system for greenhouse heating**
Ozgener L., Ozgener O.
Energy, vol.35, no.10, pp.4079-4085, 2010 (SCI-Expanded, Scopus)

XXXVII. **Effects of meteorological variables on exergetic efficiency of wind turbine power plants**
Baskut O., Ozgener O., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.14, no.9, 2010 (SCI-Expanded, Scopus)

XXXVIII. **Investigation of wind energy potential of Muradiye in Manisa, Turkey**
Ozgener L.
Renewable and Sustainable Energy Reviews, vol.14, no.9, 2010 (SCI-Expanded, Scopus)

XXXIX. **Exergetic assessment of EAHEs for building heating in Turkey: A greenhouse case study**
Ozgener O., Ozgener L.
Energy Policy, vol.38, no.9, pp.5141-5150, 2010 (SCI-Expanded, SSCI, Scopus)

XL. **Exergy analysis of drying process: An experimental study in solar greenhouse**
Ozgener L., Ozgener O.
Drying Technology, vol.27, no.4, pp.580-586, 2009 (SCI-Expanded, Scopus)

XLI. **Analysis of some exergoeconomic parameters of a small wind turbine system**
Ozgener O., Ozgener L., Dincer I.
International Journal of Green Energy, vol.6, no.1, pp.42-56, 2009 (SCI-Expanded, Scopus)

XLII. **Parametric study of the effect of reference state on energy and exergy efficiencies of a small industrial pasta drying process**
Ozgener L., Ozgener O.
International Journal of Exergy, vol.6, no.4, pp.477-490, 2009 (SCI-Expanded, Scopus)

XLIII. **Monitoring of energy exergy efficiencies and exergoeconomic parameters of geothermal district**

heating systems (GDHSs)
Ozgener L., Ozgener O.
Applied Energy, vol.86, no.9, pp.1704-1711, 2009 (SCI-Expanded, Scopus)

XLIV. **Monitoring of energetic and exergetic performance analysis of salihli geothermal district heating system**
Ozgener L., Ozgener O.
Journal of Energy Resources Technology, Transactions of the ASME, vol.130, no.2, pp.223021-223026, 2008 (SCI-Expanded, Scopus)

XLV. **Thermomechanical exergy and thermoeconomic analysis of geothermal district heating systems**
Ozgener L., Ozgener O.
Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, vol.222, no.2, pp.167-177, 2008 (SCI-Expanded, Scopus)

XLVI. **Exergoeconomic analysis of small industrial pasta drying systems**
Ozgener L.
Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, vol.221, no.7, pp.899-906, 2007 (SCI-Expanded, Scopus)

XLVII. **A key review on performance improvement aspects of geothermal district heating systems and applications**
Ozgener L., Hepbasli A., Dincer I.
Renewable and Sustainable Energy Reviews, vol.11, no.8, pp.1675-1697, 2007 (SCI-Expanded, Scopus)

XLVIII. **Exergy and reliability analysis of wind turbine systems: A case study**
Ozgener O., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.11, no.8, pp.1811-1826, 2007 (SCI-Expanded, Scopus)

XLIX. **Exergoeconomic analysis of geothermal district heating systems: A case study**
Ozgener L., Hepbasli A., Dincer I., Rosen M. A.
Applied Thermal Engineering, vol.27, no.8-9, pp.1303-1310, 2007 (SCI-Expanded, Scopus)

L. **Parametric study of the effect of reference state on energy and exergy efficiencies of Geothermal District Heating Systems (GDHSs): An application of the Salihli GDHS in Turkey**
Ozgener L., Hepbasli A., Dincer I.
Heat Transfer Engineering, vol.28, no.4, pp.357-364, 2007 (SCI-Expanded, Scopus)

LI. **Exergy analysis of two geothermal district heating systems for building applications**
Ozgener L., Hepbasli A., Dincer I.
Energy Conversion and Management, vol.48, no.4, pp.1185-1192, 2007 (SCI-Expanded, Scopus)

LII. **A parametric study on the exergoeconomic assessment of a vertical ground-coupled (geothermal) heat pump system**
Ozgener O., Hepbasli A., Ozgener L.
Building and Environment, vol.42, no.3, pp.1503-1509, 2007 (SCI-Expanded, Scopus)

LIII. **Exergy analysis of industrial pasta drying process**
Ozgener L., Ozgener O.
International Journal of Energy Research, vol.30, no.15, pp.1323-1335, 2006 (SCI-Expanded, Scopus)

LIV. **Investigation of the energetic and exergetic performance of the Gonen geothermal district heating system**
Ozgener L., Hepbasli A., Dincer I.
Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, vol.220, no.7, pp.671-679, 2006 (SCI-Expanded, Scopus)

LV. **Environmental and exergetic aspects of geothermal energy**
Baba A., Ozgener L., Hepbasli A.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.28, no.7, pp.597-609, 2006 (SCI-Expanded, Scopus)

LVI. **Effect of reference state on the performance of energy and exergy evaluation of geothermal district heating systems: Balcova example**

Ozgener L., Hepbasli A., Dincer I.
Building and Environment, vol.41, no.6, pp.699-709, 2006 (SCI-Expanded, Scopus)

LVII. **Performance investigation of two geothermal district heating systems for building applications: Energy analysis**
Ozgener L., Hepbasli A., Dincer I.
Energy and Buildings, vol.38, no.4, pp.286-292, 2006 (SCI-Expanded, Scopus)

LVIII. **Energy and exergy analysis of geothermal district heating systems: An application**
Ozgener L., Hepbasli A., Dincer I.
Building and Environment, vol.40, no.10, pp.1309-1322, 2005 (SCI-Expanded, Scopus)

LIX. **Energy and exergy analysis of the Gonen geothermal district heating system, Turkey**
Ozgener L., Hepbasli A., Dincer I.
Geothermics, vol.34, no.5, pp.632-645, 2005 (SCI-Expanded, Scopus)

LX. **Energy and exergy analysis of Salihli geothermal district heating system in Manisa, Turkey**
Ozgener L., Hepbasli A., Dincer I.
International Journal of Energy Research, vol.29, no.5, pp.393-408, 2005 (SCI-Expanded, Scopus)

LXI. **Thermodynamic analysis of a geothermal district heating system**
Ozgener L., Hepbasli A., Dincer I.
International Journal of Exergy, vol.2, no.3, pp.231-245, 2005 (Scopus)

LXII. **Thermo-mechanical exergy analysis of Balcova Geothermal District Heating System in Izmir, Turkey**
Ozgener L., Hepbasli A., Dincer I.
Journal of Energy Resources Technology, Transactions of the ASME, vol.126, no.4, pp.293-301, 2004 (SCI-Expanded, Scopus)

LXIII. **Development of geothermal energy utilization in Turkey: A review**
Hepbasli A., Ozgener L.
Renewable and Sustainable Energy Reviews, vol.8, no.5, pp.433-460, 2004 (SCI-Expanded, Scopus)

Books

I. **Ten Years Energetic Monitoring for EAHE Assisted Greenhouse Heating**
ÖZGENER L., ÖZGENER Ö.
in: The Future of District Heating, Matthew Vasilyev, Editor, Nova Science Publisher, New York, pp.111-123, 2020

II. **Earth to air heat exchangers (EAHE): Energy and exergy analysis**
Özgener L., Özgener Ö.
in: Encyclopedia of Energy Engineering and Technology, Barney L. Capehart, Editor, CRC, New York , New York, pp.415-421, 2015

III. **Performance analysis of geothermal district heating and geothermal heat pump applications in buildings**
Özgener L., Özgener Ö.
in: ENERGY AND BUILDINGS Efficiency, Air Quality and Conservation, Joseph B. Utrick, Editor, NOVA Science Publishers Inc. , New York, pp.409-419, 2009

IV. **Geothermal Energy Resources**
Özgener L., Hepbaşlı A., Dinçer İ.
in: Encyclopedia of Energy Engineering, , Barney L. Capehart, Editor, Taylor & Francis Ltd, London, pp.744-752, 2007

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Evaluation of the Possibilities for High Voltage Use in Solar Inverters**
YILDIZ A., ÖZGENER Ö., ÖZGENER L.

3 rd International Conference on Photovoltaic Science and Technologies, Ankara, Turkey, 5 - 07 July 2022, (Full Text)

II. **DEVELOPMENT AND FUTURE OF TURKEY'S PHOTOVOLTAIC INSTALLED POWER**
ÇEKİNİR S., ÖZGENER Ö., ÖZGENER L.
3 rd International Conference on Photovoltaic Science and Technologies, Ankara, Turkey, 5 - 07 July 2022, (Full Text)

III. **Design and evaluation of small wind turbine driven earth to air heat exchanger system for heating greenhouses**
ÖZGENER L., ÖZGENER Ö.
World Geothermal Congress 2020+1, Reykjavik, Iceland, 1 March - 15 June 2021, (Full Text)

IV. **High voltage solar inverter structures**
Yıldız A., ÖZGENER Ö., ÖZGENER L.
8. European Conference on Renewable Energy Systems, 24 - 25 August 2020, (Full Text)

V. **Thermal Analysis of an Organic Rankine Cycle Integrated Into a Combined Cycle.**
ERSAYIN E., ÖZGENER L.
Multidisciplinary Academic Conference on Engineering, IT and Artificial Intelligence, Prague, 25 - 27 May 2018, (Full Text)

VI. **Energy Production from Waste Exhaust Gas of Internal Combustion Engines. .**
Gökbakar H., ÖZGENER Ö., ÖZGENER L.
14th International conference Energy Storage EnerSTOCK2018, 25-28 April 2018, Adana, Turkey, Adana, Turkey, 25 - 28 April 2018, (Full Text)

VII. **Exergy Analysis Of Combined Cycle Power Plants.**
ERSAYIN E., ÖZGENER L.
V. INTERNATIONAL ENERGY TECHNOLOGIES CONFERENCE ENTECH 'xx17, 15 - 16 December 2017, (Full Text)

VIII. **Electricity Generation In Waste Exhaust Gases From Internal Combustion Engines**
Gökbakar H., ÖZGENER Ö., ÖZGENER L.
8th ATMOSPHERIC SCIENCES SYMPOSIUM-ATMOS 2017, İstanbul, Turkey, 1 - 04 November 2017, (Full Text)

IX. **A Case Study on Electricity Generation At Pressure Reducing Station (PRSs)**
Neşeli M. A., Gökbakar H., ÖZGENER Ö., ÖZGENER L.
8th ATMOSPHERIC SCIENCES SYMPOSIUM-ATMOS 2017, 1 - 04 November 2017, (Full Text)

X. **Modelling of energy production from waste styrene vapor**
Gökbakar H., Neşeli M. A., ÖZGENER Ö., ÖZGENER L.
10th International Clean energy Symposium, 24 - 26 October 2016, (Full Text)

XI. **Analysis of the recoverable energy from natural gas pressure reduction stations PRS**
Neşeli M. A., ÖZGENER Ö., ÖZGENER L.
IEESE-8, 11 - 13 May 2016, (Full Text)

XII. **Effect of HFC and HC refrigerants as secondary working fluid on performance of binary geothermal power plant**
BAŞARAN A., ÖZGENER L.
12. Uluslararası Yapılarda Tesisat Teknolojisi Sempozyumu, 31 March - 02 April 2016, (Full Text)

XIII. **Effect of the HFC and HC refrigerants as secondary working fluid on performance of binary geothermal power plant**
BAŞARAN A., ÖZGENER L.
XII. International HVAC&R Sanitary Technology Symposium, 31 March - 02 April 2016, (Full Text)

XIV. **Prediction of soil temperatures for underground heat exchanger applications in Izmir Turkey**
Yener D., ÖZGENER Ö., ÖZGENER L.
XII. International HVAC&R Sanitary Technology Symposium, 31 March - 02 April 2016, (Full Text)

XV. **The Use of EAHEs 2015 Turkey Review**
ÖZGENER L., ÖZGENER Ö.
World Geothermal Congress 2015, 19 - 25 April 2015, (Full Text)

XVI. **Environmentally friend geothermal resources: A case study on horizontal earth tube system**

ÖZGENER L.
Humboldt-Kolleg Istanbul 2013, İstanbul, Turkey, 12 December 2013, (Full Text)

XVII. **Utilization of low enthalpy geothermal resources:Earth to air heat exchanger applications.**
ÖZGENER Ö., ÖZGENER L.
2012 KAUFMAN INSTOC SYMPOSIUM, Cornell University, New York, USA., NY, Ithaca, United States Of America, 08 September 2012, (Full Text)

XVIII. **Energy and exergy analysis of the Aydin, Salavatli geothermal power system, Turkey.**
ÖZGENER L., YILDIRIM D.
2012 KAUFMAN INSTOC SYMPOSIUM, Cornell University, New York, USA., NY, Ithaca, United States Of America, 08 September 2012, (Full Text)

XIX. **Photovoltaic assisted earth to air heat exchanger system for building applications**
Yıldız A., ÖZGENER Ö., ÖZGENER L.
X. International HVAC+R Technology Symposium April 30- May 2, Istanbul, Turkey, İstanbul, Turkey, 30 April - 02 May 2012, (Full Text)

XX. **Energetic performance evaluation of an earth to air heat exchanger system for agricultural building heating**
ÖZGENER Ö., ÖZGENER L.
World Renewable Energy Congress 2011-Sweden, 8-13 May, 2011, Linköping, Sweden., Linköping, Sweden, 8 - 13 May 2011, (Full Text)

XXI. **Energetic cooling performance assessment OF EAHEs.**
ÖZGENER Ö., ÖZGENER L.
International Conference on Clean Energy (ICCI-2010), 15-17 September, 2010, Famagusta – N. Cyprus., Gazimagusa, Cyprus (Kktc), 15 - 17 September 2010, (Full Text)

XXII. **Experimental studies on underground air tunnels (earth air heat exchangers (EAHEs-).**
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