

## Doç. Dr. Ümit AĞBULUT

### Kişisel Bilgiler

E-posta: umitagbulut@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/umitagbulut>

### Akademik Unvanlar / Görevler

Doç. Dr., Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Müh.Bölümü, 2024 - Devam Ediyor

Doç. Dr., Düzce Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2022 - 2024

Araştırma Görevlisi, Düzce Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2017 - 2022

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Experimental investigation on utilization of Sesbania grandiflora residues through thermochemical conversion process for the production of value added chemicals and biofuels**  
Janardhana K., Sowmya Dhanalakshmi C., Thilagham K., Chinnaiyan S. K., Jai Shanker Pillai H., Sathish T., AĞBULUT Ü., Palani K., De Poures M. V.  
Scientific Reports, cilt.14, sa.1, 2024 (SCI-Expanded)
- II. **Waste to fuel: A detailed combustion, performance, and emission characteristics of a CI engine fuelled with sustainable fish waste management augmentation with alcohols and nanoparticles**  
Sathish T., AĞBULUT Ü., Ubaidullah M., Saravanan R., Giri J., Shaikh S. F.  
Energy, cilt.299, 2024 (SCI-Expanded)
- III. **Waste-to-energy power plants: Multi-objective analysis and optimization of landfill heat and methane gas by recirculation of leachate**  
Khan O., Parvez M., Yahya Z., Alhodaib A., Yadav A. K., Hoang A. T., AĞBULUT Ü.  
Process Safety and Environmental Protection, cilt.186, ss.957-968, 2024 (SCI-Expanded)
- IV. **Water splitting via electrocatalysis and photocatalysis: Engineering stumbling blocks and advancements**  
Singh D., Kumawat S., Saini A., Sonia P., Goyal A., Sravanthi G., Saxena K. K., Shaik S., Raja V., Saleel C. A., et al.  
International Journal of Hydrogen Energy, cilt.68, ss.867-884, 2024 (SCI-Expanded)
- V. **Impact of synthesizing surfactant-modified catalytic ceria nanoparticles on the performance and environmental behaviors of coconut oil/diesel-fueled CI engine: An optimization attempt**  
George Roy R., AĞBULUT Ü., Preno Koshy C., Alex Y., Sailesh K., Afghan Khan S., Jilte R., Linul E., Asif M.  
Energy, cilt.295, 2024 (SCI-Expanded)
- VI. **Investigation of numerical phase transition of nano-enhanced SiC/paraffin wax PCM in solar-assisted water desalination system**  
Fayaz H., Ramesh S., Afzal A., AĞBULUT Ü., Afghan Khan S., Asif M., Raja V., Linul E.  
Thermal Science and Engineering Progress, cilt.50, 2024 (SCI-Expanded)
- VII. **Artificial intelligence based-prediction of energy efficiency and tailpipe emissions of soybean methyl ester fuelled CI engine under variable compression ratios**  
Rajak U., AĞBULUT Ü., Dasore A., Verma T. N.  
Energy, cilt.294, 2024 (SCI-Expanded)
- VIII. **Exergetic and exergoeconomic assessments of a diesel engine fuelled with waste chicken fat biodiesel-diesel blends**

Gad M., Uysal C., El-Shafay A., AĞBULUT Ü.

Energy, cilt.293, 2024 (SCI-Expanded)

- IX. **Advances in hydrogen storage with metal hydrides: Mechanisms, materials, and challenges**  
Nivedhitha K., Beena T., Banapurmath N., Umarfarooq M., Ramasamy V., Soudagar M. E. M., AĞBULUT Ü.  
International Journal of Hydrogen Energy, cilt.61, ss.1259-1273, 2024 (SCI-Expanded)
- X. **Synergistic effects of hybrid nanoparticles along with conventional fuel on engine performance, combustion, and environmental characteristics**  
Ağbulut Ü., Sarıdemir S.  
Energy, cilt.292, 2024 (SCI-Expanded)
- XI. **A Taguchi-based hybrid multi-criteria decision-making approach for optimization of performance characteristics of diesel engine fuelled with blends of biodiesel-diesel and cerium oxide nano-additive**  
Khanam S., Khan O., Ahmad S., Sherwani A. F., Khan Z. A., Yadav A. K., AĞBULUT Ü.  
Journal of Thermal Analysis and Calorimetry, cilt.149, sa.8, ss.3657-3676, 2024 (SCI-Expanded)
- XII. **Improvement of worsened diesel and waste biodiesel fuelled-engine characteristics with hydrogen enrichment: A deep discussion on combustion, performance, and emission analyses**  
Sarıdemir S., Polat F., AĞBULUT Ü.  
Process Safety and Environmental Protection, cilt.184, ss.637-649, 2024 (SCI-Expanded)
- XIII. **Parametric optimization of an impingement jet solar air heater for active green heating in buildings using hybrid CRITIC-COPRAS approach**  
Kumar R., Kumar S., Ağbulut Ü., Gürel A. E., Alwetaishi M., Shaik S., Saleel C. A., Lee D.  
International Journal of Thermal Sciences, cilt.197, 2024 (SCI-Expanded)
- XIV. **A comprehensive review of Trinitor components: A sustainable waste heat recovery polygenerative system for diesel vehicles**  
Duraivel B., Shaik S., Bansal R., Khanda S. D., Patel D., Natarajan M., Saleel C. A., Jilte R., Ağbulut Ü.  
Journal of Thermal Analysis and Calorimetry, cilt.149, sa.5, ss.1963-2006, 2024 (SCI-Expanded)
- XV. **Machine learning for the management of biochar yield and properties of biomass sources for sustainable energy**  
Nguyen V. G., Sharma P., Ağbulut Ü., Le H. S., Truong T. H., Dzida M., Tran M. H., Le H. C., Tran V. D.  
Biofuels, Bioproducts and Biorefining, cilt.18, sa.2, ss.567-593, 2024 (SCI-Expanded)
- XVI. **Production of waste soybean oil biodiesel with various catalysts, and the catalyst role on the CI engine behaviors**  
Ağbulut Ü., Sathish T., Kiong T. S., Sambath S., Mahendran G., Kandavalli S. R., Sharma P., Gunasekar T., Kumar P. S., Saravanan R.  
Energy, cilt.290, 2024 (SCI-Expanded)
- XVII. **Different energy storage techniques: recent advancements, applications, limitations, and efficient utilization of sustainable energy**  
Kumar R., Lee D., Ağbulut Ü., Kumar S., Thapa S., Thakur A., Jilte R., Saleel C. A., Shaik S.  
Journal of Thermal Analysis and Calorimetry, cilt.149, sa.5, ss.1895-1933, 2024 (SCI-Expanded)
- XVIII. **Analysis of bubble departure and lift-off boiling model using computational intelligence techniques and hybrid algorithms**  
Quadros J. D., Mogul Y. I., Ağbulut Ü., Gürel A. E., Khan S. A., Akhtar M. N., Jilte R., Asif M.  
International Journal of Thermal Sciences, cilt.197, 2024 (SCI-Expanded)
- XIX. **A comprehensive analysis of the emerging modern trends in research on photovoltaic systems and desalination in the era of artificial intelligence and machine learning**  
Jathar L. D., Nikam K., Awasarmol U. V., Gurav R., Patil J. D., Shahapurkar K., Soudagar M. E. M., Khan T. M. Y., Kalam M., Hnydiuk-Stefan A., et al.  
Heliyon, cilt.10, sa.3, 2024 (SCI-Expanded)
- XX. **Recent advances in hydrogen production from biomass waste with a focus on pyrolysis and gasification**  
Nguyen V. G., Nguyen-Thi T. X., Phong Nguyen P. Q., Tran V. D., Ağbulut Ü., Nguyen L. H., Balasubramanian D.,

Tarelko W., A. Bandh S., Khoa Pham N. D.

International Journal of Hydrogen Energy, cilt.54, ss.127-160, 2024 (SCI-Expanded)

- XXI. **Waste to energy: An experimental study on hydrogen production from food waste gasification**  
Koshariya A. K., Krishnan M. S., Jaisankar S., Loganathan G. B., Sathish T., Ağbulut Ü., Saravanan R., Tuan L. T., Pham N. D. K.  
International Journal of Hydrogen Energy, cilt.54, ss.1-12, 2024 (SCI-Expanded)
- XXII. **Exergetic and exergoeconomic assessments of a diesel engine operating on dual-fuel mode with biogas and diesel fuel containing boron nitride nanoparticles**  
Uysal C., Ağbulut Ü., Topal H. I., Karagoz M., Polat F., Saridemir S.  
Journal of Thermal Analysis and Calorimetry, cilt.149, sa.3, ss.1185-1198, 2024 (SCI-Expanded)
- XXIII. **Environmental, combustion, and performance investigation of low viscous biofuel in port fuel injection spark-ignition engine**  
Karthick C., Chatterjee D., Gupta N., Saxena P., Sivagami K., Jeevanantham A., Kasianantham N., Shaik S., Asif M., Khan S. A., et al.  
Journal of Thermal Analysis and Calorimetry, cilt.149, sa.3, ss.1155-1174, 2024 (SCI-Expanded)
- XXIV. **Optimization of the pilot fuel injection and engine load for an algae biodiesel - hydrogen run dual fuel diesel engine using response surface methodology**  
Mohite A., Bora B. J., Ağbulut Ü., Sharma P., Medhi B. J., Barik D.  
Fuel, cilt.357, 2024 (SCI-Expanded)
- XXV. **Experimental and numerical analysis of the thermal performance of pebble solar thermal collector**  
Naik N. C. K., Priya R. K., Ağbulut Ü., Gürel A. E., Shaik S., Alzaed A. N., Alwetaishi M., Alahmadi A. A.  
Heliyon, cilt.10, sa.2, 2024 (SCI-Expanded)
- XXVI. **Performance enhancement and emission control through adjustment of operating parameters of a biogas-biodiesel dual fuel diesel engine: An experimental and statistical study with biogas as a hydrogen carrier**  
Mohite A., Bora B. J., Sharma P., Saridemir S., Mallick D., S S., Ağbulut Ü.  
International Journal of Hydrogen Energy, cilt.52, ss.752-764, 2024 (SCI-Expanded)
- XXVII. **Impact of produced oxyhydrogen gas (HHO) from dry cell electrolyzer on spark ignition engine characteristics**  
Gad M., El-Shafay A., Ağbulut Ü., Panchal H.  
International Journal of Hydrogen Energy, cilt.49, ss.553-563, 2024 (SCI-Expanded)
- XXVIII. **Production of HHO gas in the water-electrolysis unit and the influences of its introduction to CI engine along with diesel-biodiesel blends at varying injection pressures**  
Babu J., Kumar K. S., Kumar R. R., Ağbulut Ü., Razak A., Thakur D., Sundara V., Asif M.  
International Journal of Hydrogen Energy, cilt.52, ss.865-885, 2024 (SCI-Expanded)
- XXIX. **Hydrogen and dual fuel mode performing in engine with different combustion chamber shapes: Modelling and analysis using RSM-ANN technique**  
Khandal S., Razak A., Veza I., Afzal A., Alwetaishi M., Shaik S., Ağbulut Ü., Rashedi A.  
International Journal of Hydrogen Energy, cilt.52, ss.973-1005, 2024 (SCI-Expanded)
- XXX. **A hybrid RSM-GA-PSO approach on optimization of process intensification of linseed biodiesel synthesis using an ultrasonic reactor: Enhancing biodiesel properties and engine characteristics with ternary fuel blends**  
Ahmad A., Yadav A. K., Singh A., Singh D. K., Ağbulut Ü.  
Energy, 2024 (SCI-Expanded)
- XXXI. **Experimental investigation of the thermal efficiency of a new cavity receiver design for concentrator solar technology**  
Alkhalaf Q., Lee D., Kumar R., Thapa S., Singh A. R., Akhtar M. N., Asif M., Ağbulut Ü.  
Case Studies in Thermal Engineering, cilt.53, 2024 (SCI-Expanded)
- XXXII. **Improving the prediction of biochar production from various biomass sources through the implementation of eXplainable machine learning approaches**  
Nguyen V. G., Sharma P., Ağbulut Ü., Le H. S., Cao D. N., Dzida M., Osman S. M., Le H. C., Tran V. D.

International Journal of Green Energy, 2024 (SCI-Expanded)

- XXXIII. **Waste bull bone based reusable and biodegradable heterogeneous catalyst for alternate fuel production from WCO, and investigation of its usability as fuel substitute**  
Saravanan R., Sathish T., Ağbulut Ü., Sathyamurthy R., Sharma P., Linul E., Asif M.  
Fuel, cilt.355, 2024 (SCI-Expanded)
- XXXIV. **Optimizing soybean biofuel blends for sustainable urban medium-duty commercial vehicles in India: an AI-driven approach**  
Rajak U., Chaurasiya P. K., Verma T. N., Dasore A., AğBULUT Ü., Meshram K., Saleel C., Saboor S., CÜCE E., Mian Z.  
Environmental Science and Pollution Research, 2024 (SCI-Expanded)
- XXXV. **Use of modern algorithms for multi-parameter optimization and intelligent modelling of sustainable battery performance**  
Afzal A., Buradi A., Jilte R., Sundara V., Shaik S., Ağbulut Ü., Alwetaishi M., Saleel C. A.  
Journal of Energy Storage, cilt.73, 2023 (SCI-Expanded)
- XXXVI. **Influences of various metal oxide-based nanosized particles-added algae biodiesel on engine characteristics**  
Jegan C. D., Selvakumaran T., Karthe M., Hemachandu P., Gopinathan R., Sathish T., Ağbulut Ü.  
Energy, cilt.284, 2023 (SCI-Expanded)
- XXXVII. **Performance analysis of biofuel-ethanol blends in diesel engine and its validation with computational fluid dynamics**  
Kolhe A. V., Malwe P. D., Chopkar Y., Panchal H., Ağbulut Ü., Mubarak N. M., Chowdhury S., Amesho K. T.  
Environmental Science and Pollution Research, cilt.30, sa.60, ss.125117-125137, 2023 (SCI-Expanded)
- XXXVIII. **Technological solutions for boosting hydrogen role in decarbonization strategies and net-zero goals of world shipping: Challenges and perspectives**  
Hoang A. T., Pandey A., Martinez De Osés F. J., Chen W., Said Z., Ng K. H., Ağbulut Ü., Tarełko W., Ölçer A. I., Nguyen X. P.  
Renewable and Sustainable Energy Reviews, cilt.188, 2023 (SCI-Expanded)
- XXXIX. **Energy recovery from waste animal fats and detailed testing on combustion, performance, and emission analysis of IC engine fueled with their blends enriched with metal oxide nanoparticles**  
Sathish T., Ağbulut Ü., Kumari V., Rathinasabapathi G., Karthikumar K., Rama Jyothi N., Ratna Kandavalli S., Vijay Muni T., Saravanan R.  
Energy, cilt.284, 2023 (SCI-Expanded)
- XL. **PCM embedded square channel receiver for effective operation of Net Zero Emission/Energy PDC building heating system**  
Sathish T., Saravanan R., Esther Jeyanthi C., Sabariraj R., Hemachandu P., Ağbulut Ü., Ahamed Saleel C., Soudagar M. E. M.  
Sustainable Energy Technologies and Assessments, cilt.60, 2023 (SCI-Expanded)
- XLI. **Battery thermal management of a novel helical channeled cylindrical Li-ion battery with nanofluid and hybrid nanoparticle-enhanced phase change material**  
Jilte R., Afzal A., Ağbulut Ü., Shaik S., Khan S. A., Linul E., Asif M.  
International Journal of Heat and Mass Transfer, cilt.216, 2023 (SCI-Expanded)
- XLII. **Investigations on biomass gasification derived producer gas and algal biodiesel to power a dual-fuel engines: Application of neural networks optimized with Bayesian approach and K-cross fold**  
Alruqi M., Sharma P., Ağbulut Ü.  
Energy, cilt.282, 2023 (SCI-Expanded)
- XLIII. **Single- and combined-source typical metrological year solar energy data modelling**  
Afzal A., Buradi A., Alwetaishi M., Ağbulut Ü., Kim B., Kim H., Park S. G.  
Journal of Thermal Analysis and Calorimetry, cilt.148, sa.22, ss.12501-12523, 2023 (SCI-Expanded)
- XLIV. **Sustainable nano-added biofuel production from borassus flabellifer oil for conventional internal combustion engines**  
Sivasankar G., Moorthy C. B., Kaliappan S., Sathyamurthy R., Sathish T., Saravanan R., Ağbulut Ü.  
Energy, cilt.282, 2023 (SCI-Expanded)

- XLV. **Maximizing sustainable hydrogen and ZnO nanoparticles production from Goshala wastes with nanoparticles of ZnSO<sub>4</sub> and NaBH<sub>4</sub>**  
Vijayalakshmi A, Meena R. S., Domakonda V. K., Rao A. V., Sathish T., Ağbulut Ü., Rajasimman M., Joo S., Vasseghian Y.  
Fuel, cilt.349, 2023 (SCI-Expanded)
- XLVI. **Melting numerical simulation of hydrated salt phase change material in thermal management of cylindrical battery cells using enthalpy-porosity model**  
Afzal A., Jilte R., Samee M., Ağbulut Ü., Shaik S., Park S. G., Alwetaishi M.  
Sustainable Energy Technologies and Assessments, cilt.59, 2023 (SCI-Expanded)
- XLVII. **Steam explosion as sustainable biomass pretreatment technique for biofuel production: Characteristics and challenges**  
Hoang A. T., Nguyen X. P., Duong X. Q., Ağbulut Ü., Len C., Nguyen P. Q. P., Kchaou M., Chen W.  
Bioresource Technology, cilt.385, 2023 (SCI-Expanded)
- XLVIII. **Combustion, performance and emission discussion of soapberry seed oil methyl ester blends and exhaust gas recirculation in common rail direct fuel injection system**  
Sajjad M. O. A., Sathish T., Saravanan R., Asif M., Linul E., Ağbulut Ü.  
Energy, cilt.278, 2023 (SCI-Expanded)
- XLIX. **Investigation of nano composite heat exchanger annular pipeline flow using CFD analysis for crude oil and water characteristics**  
Kumar R R., Karthik K., Elumalai P., Alshahrani S., Ağbulut Ü., Saleel C. A., Shaik S., Khan S. A.  
Case Studies in Thermal Engineering, cilt.49, 2023 (SCI-Expanded)
- L. **Production of oxy-hydrogen gas and the impact of its usability on CI engine combustion, performance, and emission behaviors**  
Dewangan A., Mallick A., Yadav A. K., Islam S., Saleel C. A., Shaik S., Ağbulut Ü.  
Energy, cilt.278, 2023 (SCI-Expanded)
- LI. **Analysis of CRDI diesel engine characteristics operated on dual fuel mode fueled with biodiesel-hydrogen enriched producer gas under the single and multi-injection scheme**  
Lalsangi S., Yaliwal V., Banapurmath N., Soudagar M. E. M., Ağbulut Ü., Kalam M.  
International Journal of Hydrogen Energy, cilt.48, sa.74, ss.28927-28944, 2023 (SCI-Expanded)
- LII. **Investigations on a novel fuel water hyacinth biodiesel and Hydrogen-Powered engine in Dual-Fuel Model: Optimization with I-optimal design and desirability**  
Jyoti Bora B., Sharma P., Deepanraj B., Ağbulut Ü.  
Fuel, cilt.345, 2023 (SCI-Expanded)
- LIII. **A critical review on renewable battery thermal management system using heat pipes**  
Afzal A., Abdul Razak R., Mohammed Samee A., Kumar R., Ağbulut Ü., Park S. G.  
Journal of Thermal Analysis and Calorimetry, cilt.148, sa.16, ss.8403-8442, 2023 (SCI-Expanded)
- LIV. **Experimental analysis on the impacts of soil deposition and bird droppings on the thermal performance of photovoltaic panels**  
Shaik S., Vigneshwaran P., Roy A., Kontoleon K. J., Mazzeo D., Cuce E., Saleel C. A., Alwetaishi M., Khan S. A., Gürel A. E., et al.  
Case Studies in Thermal Engineering, cilt.48, 2023 (SCI-Expanded)
- LV. **Pore size variation of nano-porous material fixer on the engine bowl and its combined effects on hybrid nano-fuelled CI engine characteristics**  
Sathish T., Ağbulut Ü., Muthukumar K., Saravanan R., Alwetaishi M., Shaik S., Saleel C. A.  
Fuel, cilt.345, 2023 (SCI-Expanded)
- LVI. **Modifying diesel fuel with nanoparticles of zinc oxide to investigate its influences on engine behaviors**  
Rajak U., Nageswara Reddy V., Ağbulut Ü., Sarıdemir S., Afzal A., Nath Verma T.  
Fuel, cilt.345, 2023 (SCI-Expanded)
- LVII. **Energy recovery from waste plastic oils as an alternative fuel source and comparative assessment of engine characteristics at varying fuel injection timings**

Mohan R. K., Sarojini J., Ağbulut Ü., Rajak U., Verma T. N., Reddy K. T.

Energy, cilt.275, 2023 (SCI-Expanded)

- LVIII. **Optimization of performance and emission outputs of a CI engine powered with waste fat biodiesel: A detailed RSM, fuzzy multi-objective and MCDM application**  
El-Shafay A., Gad M., Ağbulut Ü., Attia E.  
Energy, cilt.275, 2023 (SCI-Expanded)
- LIX. **Waste to fuel: Synergetic effect of hybrid nanoparticle usage for the improvement of CI engine characteristics fuelled with waste fish oils**  
Sathish T., Ağbulut Ü., George S. M., Ramesh K., Saravanan R., Roberts K. L., Sharma P., Asif M., Hoang A. T.  
Energy, cilt.275, 2023 (SCI-Expanded)
- LX. **Performance improvement and CO and HC emission reduction of variable compression ratio spark-ignition engine using n-pentanol as a fuel additive**  
Kothare C. B., Kongre S., Malwe P., Sharma K., Qasem N. A., Ağbulut Ü., Eldin S. M., Panchal H.  
Alexandria Engineering Journal, cilt.74, ss.107-119, 2023 (SCI-Expanded)
- LXI. **Multi-objective optimization based grey relational analysis and investigation of using the waste animal fat biodiesel on the engine characteristics**  
Gad M., El-Shafay A., Alqsair U. F., Ağbulut Ü., Attia E.  
Fuel, cilt.343, 2023 (SCI-Expanded)
- LXII. **Application of modern approaches to the synthesis of biohydrogen from organic waste**  
Sharma P., Jain A., Bora B. J., Balakrishnan D., Show P. L., Ramaraj R., Ağbulut Ü., Khoo K. S.  
International Journal of Hydrogen Energy, cilt.48, sa.55, ss.21189-21213, 2023 (SCI-Expanded)
- LXIII. **A study on a milk chiller latent storage system with phase change material encapsulated spherical balls**  
Jilte R., Afzal A., Ağbulut Ü., Alahmadi A. A., Alwetaishi M., Alzaed A. N.  
Journal of Energy Storage, cilt.61, 2023 (SCI-Expanded)
- LXIV. **Microalgae bio-oil production by pyrolysis and hydrothermal liquefaction: Mechanism and characteristics**  
Ağbulut Ü., Sirohi R., Lichtfouse E., Chen W., Len C., Show P. L., Le A. T., Nguyen X. P., Hoang A. T.  
Bioresource Technology, cilt.376, 2023 (SCI-Expanded)
- LXV. **Impact of injector nozzle diameter and hole number on performance and emission characteristics of CI engine powered by nanoparticles**  
Kothiwale G., Akkoli K., Doddamani B., Kattimani S., Ağbulut Ü., Afzal A., Kaladgi A., Said Z.  
International Journal of Environmental Science and Technology, cilt.20, sa.5, ss.5013-5034, 2023 (SCI-Expanded)
- LXVI. **Poultry fat biodiesel as a fuel substitute in diesel-ethanol blends for DI-CI engine: Experimental, modeling and optimization**  
N S., Afzal A., V S. H., Ağbulut Ü., Alahmadi A. A., Gowda A. C., Alwetaishi M., Shaik S., Hoang A. T.  
Energy, cilt.270, 2023 (SCI-Expanded)
- LXVII. **A comprehensive review on the usage of the nano-sized particles along with diesel/biofuel blends and their impacts on engine behaviors**  
Gad M., Ağbulut Ü., Afzal A., Panchal H., Jayaraj S., Qasem N. A., El-Shafay A.  
Fuel, cilt.339, 2023 (SCI-Expanded)
- LXVIII. **Collective influence and optimization of 1-hexanol, fuel injection timing, and EGR to control toxic emissions from a light-duty agricultural diesel engine fueled with diesel/waste cooking oil methyl ester blends**  
De Poures M. V., Dillikannan D., Kaliyaperumal G., Thanikodi S., Ağbulut Ü., Hoang A. T., Mahmoud Z., Shaik S., Saleel C. A., Afzal A.  
Process Safety and Environmental Protection, cilt.172, ss.738-752, 2023 (SCI-Expanded)
- LXIX. **Thermodynamic analyses of a novel hybrid photovoltaic-thermal (PV/T) module assisted vapor compression refrigeration system**  
Yıldız G., Gürel A. E., Ceylan İ., Ergün A., Karaağaç M. O., Ağbulut Ü.  
Journal of Building Engineering, cilt.64, 2023 (SCI-Expanded)

- LXX. **Waste to fuel: Pyrolysis of waste transformer oil and its evaluation as alternative fuel along with different nanoparticles in CI engine with exhaust gas recirculation**  
Sathish T, Surakasi R, Kishore T L, Rathinasamy S, Ağbulut Ü, Shaik S, Park S. G., Afzal A.  
Energy, cilt.267, 2023 (SCI-Expanded)
- LXXI. **Investigation of the effect of magnetic field on the PEC and exergy of heat exchanger filled with two-phase hybrid nanofluid, equipped with an edged twisted tape**  
El-Shafay A, Mohamed A. M., Ağbulut Ü, Gad M., El Maakoul A.  
Engineering Analysis with Boundary Elements, cilt.148, ss.153-164, 2023 (SCI-Expanded)
- LXXII. **Current practices, potentials, challenges, future opportunities, environmental and economic assumptions for Türkiye's clean and sustainable energy policy: A comprehensive assessment**  
Ağbulut Ü, Yıldız G., Bakır H., Polat F., Biçen Y., Ergün A., Gürel A. E.  
Sustainable Energy Technologies and Assessments, cilt.56, 2023 (SCI-Expanded)
- LXXIII. **Enhancement of R600a vapour compression refrigeration system with MWCNT/TiO<sub>2</sub> hybrid nano lubricants for net zero emissions building**  
Senthilkumar A., Prabhu L., Sathish T., Saravanan R., Casmir Jeyaseelan G., Ağbulut Ü., Mahmoud Z., Shaik S., Ahamed Saleel C.  
Sustainable Energy Technologies and Assessments, cilt.56, 2023 (SCI-Expanded)
- LXXIV. **Numerical and experimental investigation of the influence of various metal-oxide-based nanoparticles on performance, combustion, and emissions of CI engine fuelled with tamarind seed oil methyl ester**  
Kumbhar V., Pandey A., Sonawane C. R., Panchal H., Ağbulut Ü.  
Energy, cilt.265, 2023 (SCI-Expanded)
- LXXV. **Alternative fuel production from waste plastics and their usability in light duty diesel engine: Combustion, energy, and environmental analysis**  
Mohan R. K., Sarojini J., Rajak U., Verma T. N., Ağbulut Ü.  
Energy, cilt.265, 2023 (SCI-Expanded)
- LXXVI. **A state of art review on estimation of solar radiation with various models**  
Gürel A. E., Ağbulut Ü., Bakır H., Ergün A., Yıldız G.  
Heliyon, cilt.9, sa.2, 2023 (SCI-Expanded)
- LXXVII. **Hydrogen Production by Water Splitting with Support of Metal and Carbon-Based Photocatalysts**  
Hoang A. T., Pandey A., Chen W., Ahmed S. F., Nižetić S., Ng K. H., Said Z., Duong X. Q., Ağbulut Ü., Hadiyanto H., et al.  
ACS Sustainable Chemistry and Engineering, cilt.11, sa.4, ss.1221-1252, 2023 (SCI-Expanded)
- LXXVIII. **Precise prognostics of biochar yield from various biomass sources by Bayesian approach with supervised machine learning and ensemble methods**  
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Yayın: 139

Atıf (Scopus): 3507

H-İndeks (Scopus): 33