

Hasan ALTINIŞIK**Research Assistant**

Atılım University

Department of Energy Systems Engineering 06830

İncek, Gölbaşı, Ankara/TURKEY

hasan.altinisik@atilim.edu.tr

Tel: +90 312 586 88 91

PERSONAL

Date of Birth	1997
Place of Birth	Kırşehir

EDUCATION

2023-...	Gazi University, Energy Systems Engineering
2020-2023	Ankara University, Chemical Engineering
2015-2020	Ankara University, Energy Systems Engineering

ACADEMIC POSITIONS

2023-Present	Research Assistant, Department of Energy Systems Engineering, Atılım University, Turkey
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RESEARCH INTERESTS

1	Renewable Energy Systems
2	Energy Storage Systems, Supercapacitors
3	Biomass
4	Hybrid Energy Systems
5	PEM Fuel Cells

PUBLICATIONS

1	Getiren, B., Altınıřık, H. , Soysal, F., ıplak, Z., & Yıldız, N. (2023). Nitrogen-doped graphene quantum dots/co-doped PANI binary nanocomposites as high-performance supercapacitor electrode materials. Synthetic Metals, Volume 298,2023, 117451.
2	Getiren, B., Altınıřık, H. , Soysal, F., ıplak, Z., & Yıldız, N. (2023). N-doped reduced graphene oxide/MnO ₂ /co-doped polyaniline ternary nanocomposites for electrochemical energy storage applications. Journal of Electroanalytical Chemistry, 117243.
3	Altınıřık, H. , Getiren, B., ıplak, Z., Soysal, F., & Yıldız, N. (2022). Energy storage performance of nitrogen doped reduced graphene oxide/co-doped polyaniline nanocomposites. Journal of Inorganic and Organometallic Polymers and Materials, 1-15.
4	Semerci, I., Gler, F., Ersan, G., Soysal, K., Ozturk, O., Altinisik, H. , ... & Ozcelik, F. (2019). Assessment of a protic ionic liquid with respect to fractionation and changes in the structural features of hardwood and softwood. Bioresource Technology Reports, 8, 100334.

PROJECTS

1	Investigation of energy storage performances of heteroatom doped graphene and graphene quantum dot based nanocomposites and supercapacitors TBİTAK 1001, (120M752)
2	Valorization of lignocellulosic feedstocks using green solvents, characterization of biomass components: cellulose and lignin TBİTAK 3501, (116M444)
3	3-D investigation of the effects of working parameters on single-channel PEM fuel cell performance using computational fluidized dynamics.

CONFERENCE PRESENTATIONS

1	Altınıřık H. , Alyakut B., Getiren B., Soysal F., ıplak Z., Yıldız N., (2022) "Synthesis of Au-MnO ₂ /PANI Nanocomposites for Electrochemical Energy Storage" METU, NanoTR-16
2	Alyakut B., Altınıřık H. , Getiren B., Soysal F., ıplak Z., ztürk A., Yıldız N., (2022) "Synthesis of Co-Doped PANI Based Electrode Materials for Electrochemical Energy Storage" METU, NanoTR-16
3	Altınıřık H. , Getiren B., Soysal F., ıplak Z., Yıldız N., (2021) "Synthesis of MnO ₂ /PANI Composites for Electrochemical Energy", 3rd International Eurasian Conference on Science, Engineering and Technology

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	
H-index (ISI Web of Science):	

