



Yilser DEVRİM, Ph.D.

Prof. Dr.

Atılım University
Department of Energy Systems Engineering
06830 İncek, Gölbaşı, Ankara/TURKEY
yilser.devrim@atilim.edu.tr
Tel: +90 312 586 88 92

PERSONAL

Date of Birth	1975
Place of Birth	İzmir

EDUCATION

2007-2011	Middle East Technical University, Chemical Engineering, Post-Doc.
2000-2006	Hacettepe University, Chemical Engineering, Ph.D.
1997-2000	Hacettepe University, Chemical Engineering, M.S.
1993-1997	Hacettepe University, Chemical Engineering, B.S.

ACADEMIC POSITIONS

03/2021-	Professor, Department of Energy Systems Engineering, Atılım University, Turkey
10/2015-02/2021	Associated Professor, Department of Energy Systems Engineering, Atılım University, Turkey
09/2013-10/2015	Assistant Professor, Department of Energy Systems Engineering, Atılım University, Turkey
01/2008-11/2011	Post-doctoral Researcher, Department of Chemical Engineering, Middle East Technical University, Turkey
01/2007-01/2008	Post-doctoral Fellow, Department of Chemical Engineering, Middle East Technical University, Turkey
09/2000-06/2006	Research Assistant/PhD Student, Department of Chemical Engineering, Middle East Technical University, Turkey
09/1997-06/2000	Research Assistant / M.Sc. Student, Department of Chemical Engineering, Middle East Technical University, Turkey

ADMINISTRATIVE DUTIES

July/2018-Present	ARGEDA-TTO Director, Atılım University
12/2011-09/2013	Project Manager, TEKSIS, METUTECH

PROJECTS

1	TUBITAK 1001-219M333: Development of High Temperature Electrochemical Hydrogen Compressors for High Purity and Pressure Hydrogen Recovery, 2020-2022 (Project coordinator)
2	TUBITAK 1001-119F182: Probabilistic Modeling and Statistical Characteristics of a Renewable Hybrid Energy System, 2019-2021 (Project coordinator)
3	TUBITAK 1001-214M301: Design and Development of the High Temperature Fuel Cell Fueled by Reformate Gases for Evaluation of Micro- Cogeneration Application, 2015-2018 (Project coordinator)
4	EU PROJECT, TUBITAK 1509: Development and Integration of 2 kW HT-PEM Fuel Cell Hybrid System for Ground Utility Vehicles at the Airport, 2015-2018 (Researcher)
5	TUBITAK 1002-119M018: Synthesis of Low Cost and High-Performance Co-N-C Type Catalysts for Use in High Temperature Polymer Electrolyte Membrane Fuel Cells (HT-PEMFCs) Electrodes
6	TUBITAK 1511: Development of A Metallic Bipolar Plate for PEM Fuel Cells with Increased Power Density for Use in Defense Industry and Transportation Sectors, 2018-2019 (Researcher)
7	TUBITAK 1513: Atılım University Technology Transfer Offices Grant Programme(Project coordinator)
8	TUBITAK 1601: Capacity Building for Innovation and Entrepreneurship Grant Programme- BIGG, 4160039 (Project coordinator)
9	Atılım University ATÜ-ADP-2021-01: Development of High Performance Membrane Electrode Assembly for Dual Function Unitized Electrolyzer-Fuel Cell
10	Atılım University ATÜ-ADP-1819/ROKETSAN: Development of Proton Exchange Membrane Based Hydrogen Compressor for High Purity Hydrogen Production from Reformate Gas Mixtures, 2018-2019 (Project coordinator)
11	Atılım University ATÜ-LAP-2021-01: Preparation of Low Cost and High-Performance Catalysts for High Temperature PEM Fuel Cells.
12	Atılım University ATÜ-LAP-1920-01/ROKETSAN: Development of Regenerative Fuel Cell System for Space Application (Project coordinator)
13	Atılım University ATÜ-LAP-1819/ROKETSAN: Design of the Liquid Fuel Based Fuel Cell for Air-Independent Propulsion Systems, 2018-2019 (Project coordinator)
14	Atılım University ATÜ-LAP-C-1718-06/ROKETSAN: Development of Ammonia Borane Based Chemical Hydrogen Storage Technique for Fuel Cells Used in Aviation Applications, 2017-2018 (Project coordinator)
15	ROKETSAN-TEKSIS Development of High Energy Density PEM Fuel Cell, 2016-2017 (Researcher)
16	Atılım University ATÜ-LAP-C-1617-05/ROKETSAN: Development of H ₂ O ₂ Fuel Cell Systems for Aerospace Applications, 2016-2017 (Project coordinator)
17	Atılım University ATÜ-LAP-C-1516-03: Hydrogen Production from Sodium Borohydride and Development of Sodium Borohydride PEM Fuel Cell, 2015-2016 (Project coordinator)
18	Dokuz Eylül University BAP: Development and Testing Direct Methanol Fuel Cell with Different Materials, 2016-2018 (Researcher)
19	Dokuz Eylül University BAP: Development of Innovative Fuel Cells Based on Single Wall Carbon Nanotube and Multi Wall Carbon Nanotube, 2018 -2021 (Researcher)

20	Atılım University ATÜ-LAP-1415-02: Development of High-Performance Membrane Electrode Assembly for PEM Fuel Cell and Use in Fuel Cell Powered Scooter Prototype, 2014-2015 (Project coordinator)
21	TUBITAK-2241/A Development of High-Performance electrodes for Portable PEM Fuel Cells, 2014-2015 (Project coordinator)
22	Ankara Development Agency: Development of PEM Fuel Cell UPS, 2013-2014 (Project coordinator)
23	TUBITAK 1507- Development of 500 W PEM Fuel Cell Generator, 2012-2013 (Researcher)
24	ICHET International H2-FC projects: Development of 3 kW Fuel Cell system, 2010-2012 (Project coordinator)
25	Atılım University ATÜ-LAP-SD-1314-02: Development of High Performance MEA for PEM Fuel Cell and Prototype Application of Solar Hydrogen Energy Hybrid System, 2013-2014 (Project coordinator)
26	TUBITAK-MAG-109M221: Development of Composite Membranes and Electrocatalyst for PEM Fuel Cells and Investigation of Long-Term Stabilities, 2009-2012 (Researcher)
27	TUBITAK-MAG-104M364: Development of High Temperature Proton Exchange Membrane Fuel Cell, 2008-2005 (Researcher)
28	ODTÜ-BAP-03-04-2008-07: High Temperature Proton Exchange Membrane Fuel Cells, 2008-2010 (Researcher)
29	DPT Project 02K 120 290-16: Synthesis of New Membranes for Proton Exchange Membrane Fuel Cells and Performance Evaluation in Prototype Fuel Cell, 2003-2006 (Researcher)
30	TUBITAK-TBAG-101T188: BIOENG1: Synthesis/ Production/ Characterization Application of Biodegradable Polymer and Composite Biomaterials for Soft and Hard Tissue Therapy and Repair. BIOENG2: Design of the carrier for gene delivery to cells and Cell Culture Applications, 2002-2005 (Researcher)
31	TUBITAK-TBAG-105T509: Tissue Engineering for Biomedical Technology, FP6-SSA-2, 2006-2008 (Researcher)
32	TUBITAK BIDEP: Synthesis and Characterization of Sulfonated Polyarylene Ether Sulfone Membranes for Proton Exchange Membrane Fuel Cell, 2007-2008 (Project coordinator)

PUBLICATIONS

1	Serkan Eryilmaz, İrem Bulanık, Yilser Devrim , Reliability based modeling of hybrid solar/wind power system for long term performance assessment, <i>Reliability Engineering & System Safety</i> , 2021, 209, 107478.
2	Arife Uzundurukan, Elif Seda Akça, Yağmur Budak, Yilser Devrim , Carbon nanotube-graphene supported bimetallic electrocatalyst for direct borohydride hydrogen peroxide fuel cells, <i>Renewable Energy</i> , 2021, (in press). https://doi.org/10.1016/j.renene.2020.12.003
3	Enis Oğuzhan Eren, Necati Özkan, Yilser Devrim , Development of Non-Noble Co-N-C Electrocatalyst for High-Temperature Proton Exchange Membrane Fuel Cells, <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33957-33967.
4	Mogdam Gassy Hussein Al- Tememy, Yilser Devrim , Development of effective bimetallic catalyst for high temperature PEM fuel cell to improve CO tolerance, <i>International Journal of Energy Research</i> , 2020,45, 2, 3343-3357.
5	Enis Oğuzhan Eren, Necati Özkan, Yilser Devrim , Polybenzimidazole-modified carbon nanotubes as a support material for platinum-based high-

	temperature proton exchange membrane fuel cell electrocatalysts, International Journal of Hydrogen Energy, 2020, DOI: 10.1016/j.ijhydene.2020.07.101 (In press)
6	Yağmur Budak, Yilser Devrim , Evaluation of hybrid solar-wind-hydrogen energy system based on methanol electrolyzer, International Journal of Energy Research, 2020, 44, 13, 10222-102.
7	Yağmur Budak, Yilser Devrim , Micro-Cogeneration Application of a High-Temperature PEM Fuel Cell Stack Operated with Polybenzimidazole based Membranes, International Journal of Hydrogen Energy, 2020, 45, 35198-35207.
8	Yilser Devrim and Serkan Eryilmaz, Reliability based evaluation of hybrid wind-solar energy system, Journal of Risk and Reliability, 2020, 235, 1, 136-143.
9	Cihangir Kan, Yilser Devrim , Serkan Eryilmaz, On the theoretical distribution of the wind farm power when there is a correlation between wind speed and wind turbine availability, Reliability Engineering & System Safety, Volume 203, 2020, 107115.
10	Arife Uzundurukan, Muhittin Bilgili, Yilser Devrim , Examination of compression effects on PEMFC performance by numerical and experimental analyses, International Journal of Hydrogen Energy, 45, 60, 35085-35096.
11	Arife, Sağlam, Yilser Devrim , Carbon nanotube-graphene hybrid supported platinum as an effective catalyst for hydrogen generation from hydrolysis of ammonia borane, International Journal of Hydrogen Energy, 44, 49, 2019, 26773-26782.
12	Serkan Eryilmaz, Yilser Devrim , Reliability and optimal replacement policy for a k-out-of-n system subject to shocks, Reliability Engineering & System Safety, 188, 2019, 393-397.
13	Serkan Eryilmaz, Yilser Devrim , Theoretical derivation of wind plant power distribution with the consideration of wind turbine reliability, Reliability Engineering & System Safety, 185, 2019, 192-197.
14	Arife, Sağlam, Yilser Devrim , Hydrogen generation from sodium borohydride hydrolysis by multi-walled carbon nanotube supported platinum catalyst: A kinetic study, International Journal of Hydrogen Energy, 44, 33, 2019, 17586-17594.
15	Yağmur Budak, Yilser Devrim , Comparative study of PV/PEM fuel cell hybrid energy system based on methanol and water electrolysis, Energy Conversion and Management, 2019, 179, , 46-57.
16	Yilser Devrim , Elif Damla Arica, Investigation of the effect of graphitized carbon nanotube catalyst support for high temperature PEM fuel cells, International Journal of Hydrogen Energy, 2019, inpress.
17	Yilser Devrim , Elif Damla Arica, Multi-walled carbon nanotubes decorated by platinum catalyst for high temperature PEM fuel cell, International Journal of Hydrogen Energy, 2019, 44, 34, 18951-18966.
18	Yagmur Nalbant, C. Ozgur Colpan, Yilser Devrim , Energy and exergy performance assessments of a high temperature-proton exchange membrane fuel cell based integrated cogeneration system, International Journal of Hydrogen Energy, 2019, 43:3578–3589.
19	Güvenç Apaydın, Can Özgür Çolpan, Yilser Devrim , Performance of a HT-PEMFC having a Catalyst with Graphene and Multi-Walled Carbon Nanotube Support, International Journal of Energy Research, 2019;1–12.

20	Yilser Devrim , Ayhan Albostan, Hüseyin Devrim, Experimental investigation of CO tolerance in high temperature PEM fuel cells, International Journal of Hydrogen Energy, 2018, 43, 18672-18681.
21	Yağmur Budak, Yilser Devrim , Investigation of micro-combined heat and power application of PEM fuel cell systems, Energy Conversion and Management, Volume 160, 486-494, 2018
22	Yilser Devrim , Elif Damla Arica, Ayhan Albostan, Graphene based catalyst supports for high temperature PEM fuel cell application, International Journal of Hydrogen Energy, Volume 43, Issue 26, 11820-11829, 2018.
23	Dilara Gulcin Caglayan, Berna Sezgin, Yilser Devrim , Inci Eroglu, Three-dimensional non-isothermal model development of high temperature PEM Fuel Cells, International Journal of Hydrogen Energy, Volume 43, Issue 23, 10834-10841, 2018
24	Yagmur Nalbant, C. Ozgur Colpan, Yilser Devrim , Development of a one-dimensional and semi-empirical model for a high temperature proton exchange membrane fuel cell, International Journal of Hydrogen Energy, Volume 43, Issue 11, 2018, 5939-5950.
25	Adnan Ozden, Mustafa Ercelik, Yilser Devrim , C. Ozgur Colpan, Feridun Hamdullahpur, Evaluation of sulfonated polysulfone/zirconium hydrogen phosphate composite membranes for direct methanol fuel cells, Electrochimica Acta, Volume 256, Pages 196-210, 2017.
26	Yağmur Özdemir, Nurhan Üregen, Yilser Devrim , Polybenzimidazole based nanocomposite membranes with enhanced proton conductivity for high temperature PEM fuel cells, International Journal of Hydrogen Energy, Volume 42, Issue 4, Pages 2648-2657, 2017.
27	Yağmur Özdemir, Necati Özkan, Yilser Devrim , Fabrication and Characterization of Cross-linked Polybenzimidazole Based Membranes for High Temperature PEM Fuel Cells, Electrochimica Acta, Volume 245, Pages 1-13, 2017.
28	Mustafa Ercelik, Adnan Ozden, Yilser Devrim , C. Ozgur Colpan, Investigation of Nafion based composite membranes on the performance of DMFCs, International Journal of Hydrogen Energy, Volume 42, Issue 4, Pages 2658-2668, 2017.
29	Nurhan Üregen, Kübra Pehlivanoğlu, Yağmur Özdemir, Yilser Devrim , Development of polybenzimidazole/graphene oxide composite membranes for high temperature PEM fuel cells, International Journal of Hydrogen Energy, Volume 42, Issue 4, Pages 2636-2647, 2017.
30	Yilser Devrim , Levent Bilir, Performance investigation of a wind turbine–solar photovoltaic panels–fuel cell hybrid system installed at İncek region – Ankara, Turkey, Energy Conversion and Management, Volume 126, 759-766, 2016
31	Berna Sezgin, Dilara Gulcin Caglayan, Yilser Devrim , Thomas Steenberg, Inci Eroglu, Modeling and sensitivity analysis of high temperature PEM fuel cells by using Comsol Multiphysics, International Journal of Hydrogen Energy, Volume 41, Issue 23, Pages 10001-10009, 2016
32	Yilser Devrim , Hüseyin Devrim, Inci Eroglu, Polybenzimidazole/SiO ₂ hybrid membranes for high temperature proton exchange membrane fuel cells, International Journal of Hydrogen Energy, Volume 41, Issue 23, Pages 10044-10052, 2016.
33	Dilara Gulcin Caglayan, Berna Sezgin, Yilser Devrim , Inci Eroglu, Three-

	dimensional modeling of a high temperature polymer electrolyte membrane fuel cell at different operation temperatures, International Journal of Hydrogen Energy, Volume 41, Issue 23, Pages 10060-10070, 2016.
34	Yilser Devrim , and Ayhan Albostan, Graphene-Supported Platinum Catalyst-Based Membrane Electrode Assembly for PEM Fuel Cell Journal of Electronic Materials, Volume 45, Issue 8, Pages 3900-3907, 2016
35	Yağmur Özdemir, Nurhan Üregen, Yilser Devrim , Polybenzimidazole based nanocomposite membranes with enhanced proton conductivity for high temperature PEM fuel cells, International Journal of Hydrogen Energy Volume: 42 Issue: 4 Pages: 2648-2657, 2016.
36	Ekin Özgirgin, Yilser Devrim , Ayhan Albostan, Modeling and simulation of a hybrid photovoltaic (PV) module-electrolyzer-PEM fuel cell system for micro-cogeneration applications, International Journal of Hydrogen Energy, Volume 40, Pages 15336-15342, Issue 44, 2015.
37	Levent Bilir, Mehmet İmir, Yilser Devrim , Ayhan Albostan, Seasonal and yearly wind speed distribution and wind power density analysis based on Weibull distribution function, International Journal of Hydrogen, Volume 40, Issue 44, Pages 15301-15310, 2015.
38	Yilser Devrim , Ayhan Albostan, Enhancement of PEM fuel cell performance at higher temperatures and lower humidities by high performance membrane electrode assembly based on Nafion/zeolite membrane, International Journal of Hydrogen Energy, Volume 40, Issue 44, Pages 15328-15335, 2015.
39	Levent Bilir, Mehmet İmir, Yilser Devrim , Ayhan Albostan, An investigation on wind energy potential and small scale wind turbine performance at İncek region – Ankara, Turkey, Energy Conversion and Management, Volume 103, Pages 910-923, 2015.
40	Yilser Devrim , Kübra Pehlivanoğlu, Design of a hybrid photovoltaic-electrolyzer-PEM fuel cell system for developing solar model, Phys. Status Solidi C, Pages 1–6, 2015.
41	Yilser Devrim , Huseyin Devrim, Inci Eroglu, Development of 500 W PEM fuel cell stack for portable power generators, International Journal of Hydrogen Energy, Volume 40, Issue 24, Pages 7707-7719, 2015.
42	Yilser Devrim , Huseyin Devrim, PEM fuel cell short stack performances of silica doped nanocomposite membranes, International Journal of Hydrogen Energy, Volume 40, Issue 24, Pages 7870-7878, 2015.
43	Yilser Devrim , Fabrication and Performance Evaluation of Hybrid Membrane based on a Sulfonated Polyphenyl Sulfone/Phosphotungstic acid/Silica for Proton Exchange Membrane Fuel Cell at Low Humidity Conditions, Electrochimica Acta, Volume 146, Pages 741-751, 2014.
44	Yilser Devrim , Preparation and testing of Nafion/titanium dioxide nanocomposite membrane electrode assembly by ultrasonic coating technique, Journal of Applied Polymer Science, Volume 131, Issue 15, 2014.
45	Yilser Devrim , Preparation and testing of Nafion/titanium dioxide nanocomposite membrane electrode assembly by ultrasonic coating technique, Journal of Applied Polymer Science, Volume 131, Issue 15, 5 August 2014.
46	Yilser Devrim , Serdar Erkan, Nurcan Baç, İnci Eroğlu, Nafion/Titanium Silicon Oxides Nanocomposite Membranes for PEM Fuel Cells, International Journal of Energy Research, Volume 37, Issue 5, Pages 435–442, 2014.

47	Yilser Devrim , Serdar Erkan, Nurcan Baç, İnci Eroğlu, Improvement of PEMFC performance with Nafion/Inorganic nanocomposite membrane electrode assembly prepared by ultrasonic coating technique, International Journal of Hydrogen Energy, Volume 37, Issue 21, 16748-16758, 2012.
48	Dilek Ergun, Yilser Devrim , Nurcan Baç, İnci Eroğlu, Phosphoric acid doped polybenzimidazole membrane for high temperature PEM fuel cell, Journal of Applied Polymer Science, Special Issue: Membranes, Volume 124, Issue S1, pages E267–E277, 2012.
49	Yilser Devrim , Serdar Erkan, Nurcan Baç, İnci Eroğlu, Preparation and Characterization of Sulfonated Polysulfone/Titanium Dioxide Composite Membranes for Proton Exchange Membrane Fuel Cells, International Journal of Hydrogen Energy, 34, 3467-3475, 2009.
50	Yilser G. Devrim , Pyrolysis Kinetics of Blends of Yeni Çeltik Lignite, Energy Sources, Energy Sources, Part A, 30:238–246, 2008.
51	Yilser G. Devrim , Zakir M.O. Rzaev and Erhan Pişkin, Physically and Chemically Cross-linked Poly [(maleic anhydride-alt-styrene)-co- 2-acrylamido- 2-methyl- 1-propanesulfonic acid]/Poly(ethylene glycol) Proton-Exchange Membranes, Macromol. Chem. Phys., 208, 175–187, 2007
52	Yilser G. Devrim , Zakir M.O. Rzaev and Erhan Pişkin, Functionalization of Isotactic Polypropylene with Citraconic Anhydride, Polymer Bulletin, 59, 4, 447-456, 2007.
53	Yilser G. Devrim , Zakir M.O. Rzaev and Erhan Pişkin, Synthesis and Characterization of Poly [(maleic anhydride)-alt-styrene)- co - (2-acrylamido-2-methyl-1-propanesulfonic acid)], Macromol. Chem. Phys., 207, 111–121, 2006.
54	Yilser G. Devrim , Sinan Eğri, Zakir M.O. Rzaev and Erhan Pişkin, Comparison of Maleic Anhydride Grafting onto Powder and Granular Polypropylene in Melt by Reactive Extrusion, Journal of Applied Polymer Science, Vol. 92, 3675–3684, 2004.
55	Yilser G. Devrim , Tülay Durusoy and Tijen Özbaş Bozdemir, Effect of heating rate and particle size on pyrolysis kinetics of Gediz lignite, Energy Sources, 24, 8, 753-760, 2002.
56	Yilser G. Devrim , Vural Evren, Tülay Durusoy, Tijen Özbaş Bozdemir, Effects of heating rate and particle size on the pyrolysis kinetics of Mengen lignite, Energy Sources, 23, 377-344, 2001.
57	Yilser G. Devrim , Tijen Özbaş Bozdemir and Tülay Durusoy, Pyrolysis kinetics of blends of Gediz lignite with Denizli peat, Energy Sources, 23, 393-400, 2001.
58	Yilser G. Devrim , Tülay Durusoy and Tijen Özbaş Bozdemir, Pyrolysis kinetics of blends of Mengen lignite with Denizli peat, Energy Sources, 23, 59-65, 2001.
59	Yilser G. Devrim , Tijen Özbaş Bozdemir and Tülay Durusoy, Effect of heating rate on pyrolysis kinetics of Tunçbilek lignite”, Energy Sources, 22, 305-312, 2000.
60	Yilser G. Devrim , Tülay Durusoy and Tijen Özbaş Bozdemir, Pyrolysis kinetics of blends of Tunçbilek lignite with Denizli peat, Thermochimica Acta, 75-81, 1999.

PATENTS

1	2016/16570-Yüksek Sıcaklıkta Çalışabilen Proton İletken Zarlı Yakıt Hücreleri için Hibrid Zarların Geliştirilmesi.
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HONORS&AWARDS

1	Mustafa Parlar Technology Encouragement Award, 2019.
2	TUBITAK- Project Performance Award, 2019
3	2 nd prize, Project Competition (Energy), Selçuk University, 2017
4	1 st , Best presentation Award, 10 th International Clean Energy Symposium (ICES), 2016
5	3 rd prize, Project Competition, Selçuk University, 2016
6	2 nd prize, Best Presentation Award, 4. International Istanbul Smart Grid Congress and Fair, 2015
7	2 nd prize, Project Competition, ICEM 2014, International Conference on Energy and Management, 2014
8	TUBITAK-Post doctorate Scholarship, TUBITAK, 2007-2008
9	TUBITAK-Doctoral Scholarship, TUBITAK, 2001-2004

CONFERENCE PRESENTATIONS (INTERNATIONAL)

1	Yilser Devrim , Serkan Eryılmaz, Reliability Evaluation of a Renewable Hybrid Energy System, 11th International Conference on Mathematical Methods in Reliability (MMR2019) from 3-7 June, Hong Kong 2019.
2	Arife Uzundurukan, Muhittin Bilgili, Yilser Devrim , Investigation of Compression Pressure Distribution of Proton Exchange Membrane Fuel Cell, 4rd International Hydrogen Technologies Congress, Edirne, Turkey, (Oral presentation), 2019.
3	Yağmur Budak, Hüseyin Devrim, Yilser Devrim , Design, Manufacturing and Testing of High Temperature PEM Fuel Cell Stack, 4rd International Hydrogen Technologies Congress, Edirne, Turkey, (Oral presentation), 2019.
4	Elif Seda Akça, Arife Uzundurukan, Yilser Devrim , Development of the Liquid Fuel Based Fuel Cell for Air-Independent Propulsion Systems, 4rd International Hydrogen Technologies Congress, Edirne, Turkey, (Oral presentation), 2019.
5	A Görkem Yalın, Yilser Devrim , Can Özgür Çolpan, Tahir Hikmet Karakoç, Hybridization of Fuel Cell Powered Unmanned Aerial Vehicle. 10th International Exergy, Energy and Environment Symposium (IEEES-10), Central Mining Institute, Katowice, Poland, (Oral presentation), 2018
6	Elif Damla Arica, Yilser Devrim , Microwave Assisted Synthesis of Pt/MWCNT Catalyst for High Temperature PEM Fuel Cell, 3rd International Hydrogen

	Technologies Congress, p:32, Alanya, Turkey, (Oral presentation), 2018
7	Güvenç Umur Alpaydın, Elif Damla Arıca, Yilser Devrim , Can Özgür Çolpan, Synthesis and Characterization of Electrocatalyst with Graphene and Multi-Walled Carbon Nanotube Support Material, 3rd International Hydrogen Technologies Congress, p:71, Alanya, Turkey, (Oral presentation), 2018
8	Celal Yılmaz, Muhittin Bilgili, Yilser Devrim , Effect of Bipolar Plate Gas Flow Channel Pattern on Proton Exchange Membrane Fuel Cells Performance, 3rd International Hydrogen Technologies Congress, p:32, Alanya, Turkey, (Oral presentation), 2018
9	Yağmur Nalbant, Can Özgür Çolpan, Yilser Devrim , Development of a Mathematical Model for a HT-PEMFC Stack Based Cogeneration System, 3rd International Hydrogen Technologies Congress, p: 40, Alanya, Turkey, (Oral presentation), 2018
10	Yilser Devrim , Kübra Pehlivanoğlu, Ömer Erdemir, Celal Yılmaz, Hüseyin Devrim, Development of Effective Cooling System for High Temperature PEM Fuel Cell, 3rd International Hydrogen Technologies Congress, p:33, Alanya, Turkey, (Oral presentation), 2018
11	Arife Sağlam, Elif Damla Arıca, Yilser Devrim , Investigation of Hydrogen Generation from Sodium Borohydride Hydrolysis Reaction with Different Catalyst, 3rd International Hydrogen Technologies Congress, p:88, Alanya, Turkey, (Oral presentation), 2018
12	Yilser Devrim , Hüseyin Devrim, Ayhan Albostan, Experimental Investigation of CO Tolerance in High Temperature PEM Fuel Cells, mESC-IS, 2nd Int. Symposium on Materials for Energy Storage and Conversion Ortahisar, Cappadocia. (Oral Presentation), 2017
13	Yilser Devrim , Kübra Pehlivanoğlu, Ömer Erdemir, Hüseyin Devrim, Design and Development of High Temperature PEM Fuel Cell for Airport Ground Handling Operations, mESC-IS, 2nd Int. Symposium on Materials for Energy Storage and Conversion Ortahisar, Cappadocia. (Oral Presentation), 2017
14	Y. Devrim , Y. Özdemir, and A. Albostan, Graphene based catalyst supports for high temperature PEM fuel Cell, HYPOTHESIS XII, HYdrogen POWer THEoretical and Engineering, Solutions International Symposium, L-32, L-32, 104, Siracusa – Italy (Oral Presentation), 2017
15	Yagmur Nalbant, Can Ozgur Colpan, Yilser Devrim , Development of a semi-empirical model for a high temperature proton exchange membrane fuel cell, The 9th Exergy, Energy and Environment Symposium, Split, Croatia, 454-461 (Oral Presentation), 2017
16	Yilser Devrim , Kübra Pehlivanoğlu, Ayhan Albostan, Design and Analysis of Solar – Unitized Fuel Cell Hybrid System, Inerma - International Energy Raw Materials and Energy Summit, Istanbul, Turkey. (Oral Presentation), 2017
17	Alper Karakoç, İlgi Demirci, Ayhan Albostan, Yilser Devrim , Power Improvement Strategies of Çayırhan Power Plant, Inerma - International Energy Raw Materials and Energy Summit, Istanbul, Turkey. (Poster Presentation), 2017
18	Kübra Pehlivanoğlu, Yilser Devrim , Design of A Solar - High Temperature Pem Fuel Cell Hybrid System for Micro Combined Heat and Power Application for Renewable Energy Communities, International Conference On Engineering Technology And Innovation, p.93 Sarajevo Bosnia and Herzegovina (Oral Presentation), 2017

19	Berna Sezgin, Dilara Gülçin Çağlayan, Yilser Devrim , İnci Eroğlu, Three-Dimensional Nonisothermal Model Development of High Temperature PEM Fuel Cells, The Second International Hydrogen Technologies Congress (IHTEC-2017), p.17, Adana, Turkey (Oral Presentation) , 2017
20	Yağmur Budak, Yağmur Özdemir, Yilser Devrim , Investigation of Working Temperature Effect on Micro-Cogeneration Application of Proton Exchange Membrane Fuel Cell, The Second International Hydrogen Technologies Congress (IHTEC-2017), p.17, Adana, Turkey, (Oral Presentation), 2017
21	Yağmur Özdemir, Necati Özkan, Yilser Devrim , Fabrication of cross-linked Polybenzimidazole membranes for high temperature PEM fuel cells and investigation of the amount of cross-linker used on membrane performance, The Second International Hydrogen Technologies Congress (IHTEC-2017), Adana, Turkey, p.17, (Oral Presentation), 2017
22	Mustafa Ercelik, Yagmur Ozdemir, Adnan Ozden, Yilser Devrim , Can Ozgur Colpan, Feridun Hamdullahpur, Performance Investigation of Zirconium Hydrogen Phosphate / Sulphonated Polysulfone Composite Membrane Based DMFCs, The Second International Hydrogen Technologies Congress (IHTEC-2017), p.17, Adana, Turkey (Oral Presentation), 2017
23	Yilser Devrim , Yağmur Özdemir, İnci Eroğlu, Investigation of Electrode Structure on High Temperature PEM Fuel Cell Performance, 10th International Clean Energy Symposium (ICES), İstanbul Turkey (Oral Presentation), 2016
24	Berna Sezgin, Dilara Gülçin Çağlayan, Yilser Devrim , İnci Eroğlu, Modeling and Sensitivity Analysis of High Temperature PEM Fuel Cells - Mesh Convergence Study, 10th International Clean Energy Symposium (ICES), İstanbul Turkey (Oral Presentation), 2016
25	M. Ercelik, A. Ozden, Y. Devrim , C. O. Colpan, Investigation of Nafion/SiO ₂ and Nafion/TiO ₂ composite membranes for the DMFC applications”, 8th International Exergy, Energy and Environment Symposium (IEEES-8), Antalya, Turkey (Oral Presentation), 2016
26	Yilser Devrim , Kübra Pehlivanoğlu, Ayhan Albostan, İnci Eroglu, Development of Graphene Oxide Supported Platinum Catalyst for High Temperature PEM Fuel Cell, World Hydrogen Energy Conference 2016 (WHEC 2016), Zaragoza Spain, (Poster Presentation), 2016
27	Nurhan Üregen, Yagmur Özdemir, Yilser Devrim , Fabrication and Performance Evaluation of Polybenzimidazole/Graphene Oxide Composite Membrane for High Temperature Proton Exchange Membrane Fuel Cell, World Hydrogen Energy Conference 2016 (WHEC 2016), Zaragoza Spain (Oral Presentation), 2016
28	Berna Sezgin, D. Gulcin Caglayan, Yilser Devrim , İnci Eroglu, Modeling and Sensitivity Analysis of High Temperature Pem Fuel Cells By Using Comsol Multiphysics, World Hydrogen Energy Conference 2016 (WHEC 2016), Zaragoza Spain (Oral Presentation), 2016
29	D. Gulcin Caglayan, Berna Sezgin, Yilser Devrim , İnci Eroglu, Three-Dimensional Modeling of a High Temperature PEM Fuel Cell for Different Flow Channel Geometries, World Hydrogen Energy Conference 2016 (WHEC 2016), Zaragoza Spain (Oral Presentation), 2016
30	Yilser Devrim , Kubra Pehlivanoğlu, Design of Unitized Regenerative Fuel Cell Hybrid System With Solar Energy Storage, 192., İstanbul'da “Uluslararası

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53	Yilser GÜLDOĞAN Devrim and Erhan Pişkin, Modification of Polypropylene Based Membranes for Possible Use as Proton Exchange Membranes in Fuel Cells', International Hydrogen Energy Congress and Exhibition IHEC 2005, Istanbul, Turkey (Oral presentation), 2005
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59	Yilser Gldođan , Zakir M.O. Rzaev, Erhan Piřkin, Polypropylene Functionalization in Solution and in Melt by Reactive Extrusion, 11th International Conference on Polymers and Organic Chemistry, P42, Prague, Czech Republic (Poster presentation), 2004

CONFERENCE PRESENTATIONS (NATIONAL)

1	Yilser Devrim , Elif Damla Arica, Proton Deđiřim Membran Yakıt Hcreleri iin Pt/Karbon Nanotp-Grafen Hibrit Katalizrlerin Hazırlanması, 30. Ulusal Kimya Kongresi, 5-8 Kasım 2018/Gazimađusa, KKTC, S-082
2	Arife Sađlam, Yilser Devrim , Karbon Nanotp zerine Desteklenmiř Platin Katalizr ile Sodyum Bor Hidrrden Hidrojen retiminin İncelenmesi, 30. Ulusal Kimya Kongresi, 5-8 Kasım 2018/Gazimađusa, KKTC, S-180.
3	Arife Sađlam, Yilser Devrim , ok Duvarlı Karbon Nanotp-Grafen Hibrit Destek Malzemesi zerine Desteklenmiř Platin Katalizrn Amonyum Borandan Hidrojen retimine Etkisinin İncelenmesi, 30. Ulusal Kimya Kongresi, 5-8 Kasım 2018/Gazimađusa, KKTC, S-226.
4	Ceren Ceylan, Yilser Devrim , 0048-PEM Fuel Cell Based Hybrid Energy System For Greenhouse Applications, SolarTR 2018 conference,İstanbul, November 29-30, p 74.
5	Yađmur Budak, Ekin zgirgin Yapıcı, Yilser Devrim , Investigation og Micro Kojeneration Application of Proton Exchange Membrane Fuel Cells, 21. National Heat Science and Technique Congress, orum, Turkey, 2017
6	Yađmur Nalbant, Can zgr olpan, Yilser Devrim , One Dimensional and Semi Experimental Modelling of Proton Exchange Membrane Fuel Cell Fed with Reformate Gas. 21. National Heat Science and Technique Congress, orum, Turkey, 2017
7	Elif Damla Arica, Yilser Devrim , Preparation of Pt/Carbon Nanotube Composite Electrocatalyt for Proton Exchange Membrane Fuel Cell, 29. National, Chemistry congress, Ankara, Turkey, 2017
8	Kbra Pehlivanođlu, Yilser Devrim , Hseyin Devrim, mer Erdemir, Development of 1 Kw High Temperature PEM Fuel Cell (HT-PEM), National Chemical Engineering Congress (UKMK-2016), p 89., İzmır, Turkey, (Oral

	presentation), 2017
9	Yağmur Özdemir, Yilser Devrim , Necati Özkan, Development of Crosslinked Polybenzimidazole Membranes for High Temperature PEM Fuel Cell, National Chemical Engineering Congress (UKMK-2016), İzmir, Turkey, 23-26 August, p 90, (Oral presentation), 2016
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13	Yağmur Budak, Cansu İskenderoğlu, Duygu Çelik, Yilser Devrim , Hidrojen Enerjisi ile Çalışan Elektrikli Bisiklet Geliştirilmesi", Konya, Turkey, Selçuk University Engineering Faculty 3 rd Project Competition (Oral presentation), 2016
14	Hüseyin Devrim, Kübra Pehlivanoğlu, Ömer Erdemir, Thomas Steenberg, Hans Aage Hjuler, Hector Rodrigo Garcia, Yilser Devrim , İnci Eroğlu, Development and Integration of 5kW HT-PEM Fuel Cell Powered Hybrid Power Station for Airport Service Vehicles, National Hydrogen Technologies Congress, İstanbul (Oral presentation), 2015
15	Kübra Pehlivanoğlu, Yilser Devrim , Design of a Electrolyzer/Fuel Cell Hybrid System Combined with Solar Energy, National Hydrogen Technologies Congress, İstanbul (Oral presentation), 2015
16	Nurhan Üregen, Kübra Pehlivanoğlu, Yağmur Özdemir, Yilser Devrim , Preparation of Polybenzimidazole Membranes with Graphene Oxide Nanoparticles and Investigation of High Temperature Polymer Electrolyte Fuel Cell Performances, National Hydrogen Technologies Congress, İstanbul (Poster presentation), 2015
17	Dilara Gülçin Çağlayan, Berna Sezgin, Yilser Devrim , İnci Eroğlu, Modelling and Sensitivity Analysis of a Polymer Electrolyte Membrane Fuel Cell, National Hydrogen Technologies Congress, İstanbul (Oral presentation), 2015
18	Berna Sezgin, Dilara Gülçin Çağlayan, İnci Eroğlu, Yilser Devrim , Modelling of a High Temperature Polymer Electrolyte Membrane Fuel Cell by COMSOL Multiphysics and Sensitivity Analysis, National Hydrogen Technologies Congress, İstanbul (Oral presentation), 2015
19	Yilser Devrim , Kübra Pehlivanoğlu, Hüseyin Devrim, İnci Eroğlu, Development of Polybenzimidazole Based Membrane Electrode Assemblies for High Temperature Polymer Electrolyte Membrane Fuel Cells, National Hydrogen Technologies Congress, İstanbul, (Oral presentation), 2015
20	Yağmur Özdemir, Nurhan Üregen, Yilser Devrim , Synthesis of Polybenzimidazole Based Composite Membranes for High Temperature Proton Exchange Membrane Fuel Cells and Investigation of Fuel Cell Performances, National Hydrogen Technologies Congress, İstanbul (Oral presentation), 2015

21	Yilser Devrim , Kübra Pehlivanoğlu, Design of A Hybrid System Photovoltaicelectrolyzer- Pem Fuel Cell System with Developing a Solar Model, "Türk Güneş Elektriği Konferans ve Sergisi" SolarTR-3, 2015
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23	Yilser Devrim , Kübra Pehlivanoğlu, Development of Polybenzimidazole/Graphene Oxide Composite Membranes for High Temperature PEM Fuel Cell, 27. National Chemistry Congress, Çanakkale/Turkey, S-ÇE005 (Oral presentation), 2015
24	Duygu Çelik, Sercan Kolik, Egemen Gökçe, Yilser Devrim , Preparation of High Performance Grafen Supported PEM Fuel Cell Electrodes, 2. Student Project Competition, Selçuk University, p 147-148, Konya (Poster presentation), 2015
25	Yağmur Budak, F. Cansu İskenderoğlu, Yilser Devrim , Development of new Membrane electrode Assemblies for Regeneratşve Electrolyzer/Fuel cell Hybrid System and Designf of a Hybrid System, 2. Student Project Competition, Selçuk University, p 149-150, Konya (Poster presentation), 2015
26	Yilser Devrim , Hüseyin Devrim, İnci Eroğlu, Development of 500 W Proton Exchange Membrane Fuel Cell System, 11. National Chemical Engineering Congress, Eskişehir (Oral presentation), 2014
27	Umut B. Cacan, Yilser Devrim , Necati Özkan, İnci Eroğlu, Development of Self-Humidified Nano Composite Membranes for Proton Exchange Membrane Fuel Cells, 11. Natioal Chemical Engineering Congress, Eskişehir (Oral presentation), 2014
28	Yasemin Saygılı, Yilser Devrim , Ayşe Bayrakçeken, Hüseyin Devrim, Serkan Kıncal, Nurcan Bac, İnci Eroğlu, Development of 3 kW Proton Exchange Membrane Fuel Cell Initial Test Protocols,11. Natioal Chemical Engineering Congress, Eskişehir (Poster presentation), 2014
29	Yilser Devrim , Serdar Erkan, Nurcan Baç, İnci Eroğlu, Preparation of Nafion/TiO ₂ Composite Membranes for Proton Exchange Membrane Fuel Cells, IV National Hydrogen Energy Conference and Fair (UHK 2009), p 309-314, Kocaeli University, Kocaeli/Turkey (Oral presentation), 2009
30	Dilek Ergun, Yilser Devrim , Nurcan Baç, İnci Eroğlu, Proton Exchange Membranes for High Temperature, IV National Hydrogen Energy Conference and Fair (UHK 2009, Kocaeli University, p 222-232, Kocaeli/Turkey (Oral presentation), 2009
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32	Dilek Ergun, Yilser Devrim , Nurcan Baç, İnci Eroğlu, Preparation of Polybenzimidazole Membranes for High Temperature Fuel Cells and Determination of Performances, National Chemical Engineering Congress, UKMK 2010, Gazi University, ANKARA/Turkey (Oral presentation), 2010
33	Yilser Devrim , Serdar Erkan, Nurcan Baç, İnci Eroğlu, Nafion/TiO ₂ Nanocomposite Membranes for Proton Exchange Membrane Fuel Cells, 5.

	National Nanoscience and Nanotechnology Conference (NanoTR-5), Anadolu University, Eskişehir/Turkey (Poster presentation), 2009
34	Yilser Devrim , Nurcan Baç, İnci Eroğlu, Preparation of Composite Membranes for Proton Exchange Membrane Fuel Cells, YMN 45, 8. National Chemical Engineering Congress, UKMK-8, Malatya/Turkey (Oral presentation), 2008
35	Yilser Devrim , Nurcan Baç, İnci Eroğlu, Synthesis and Characterization of Sulfonated Poly(Arylene Ether Sulfone) Membranes for Proton Exchange Membrane Fuel Cells, YMN 46, National Chemical Engineering Congress, UKMK-8, Malatya/Turkey (Oral presentation), 2008
36	Sinan Eğri, Yilser Gldođan , Zakir M.O.Rzaev, Erhan Piřkin, Maleic Anhydride Grafting onto Powder and Granule Polypropylene by Reactive Extrusion, POLSEM 2004, Polymer Processing and Recycle Symposium, Mersin/Turkey (Oral presentation), 2004
37	Yilser Gldođan , Tlay Durusoy, Tijen Bozdemir, Mengen ve Gediz Linyitlerinin Piroiliz Kinetiklerine Isıtma Hızının Etkisi, KTP10, 5. National Chemical Engineering Congress, UKMK-5, Ankara University, Ankara/Turkey (Poster presentation), 2002
38	Yilser Gldođan , Tlay Durusoy, Tijen zbař Bozdemir, Investigation of Pyrolysis Kinetic of Tuçbilek Lignite, XII. National Chemistry Conference, Trakya University, 1998, Edirne/Turkey, (Oral presentation). Yilser Gldođan , Tlay Durusoy, Tijen zbař Bozdemir, Investigation of Pyrolysis Kinetic of Mengen Lignite by Thermogravimetric Analysis, 19 Mayıs University, Samsun/Turkey (Oral presentation), 1999
39	Yilser Gldođan , Vural Evren, Tlay Durusoy, Tijen zbař Bozdemir, Investigation of Pyrolysis Kinetic of Tuçbilek Lignite and Peat, XIII. Ulusal Kimya Sempozyumu, 19 Mayıs University, Samsun/Turkey (Oral presentation), 1999

RESEARCH INTERESTS

1	Renewable Energy Systems
2	Fuel Cells and Proton Exchange Membrane Fuel Cells
4	Hydrogen Energy
5	Polymer synthesis and characterization
6	Catalyst synthesis and characterization
7	Design of the PEM Fuel Cell Stack
8	Solar Energy Technologies
9	Hybrid Energy Systems
10	Electrochemical Hydrogen Production

PROFESSIONAL SERVICE

1	23rd World Hydrogen Energy Conference (WHEC2020) 5-9 July 2022, Istanbul, Turkey, Organizing Committee.
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2	INTERNATIONAL SCIENTIFIC BOARD, HYPOTHESIS XIII Conference Singapore July 24-27, 2018.
3	INTERNATIONAL SCIENTIFIC BOARD, 7th GLOBAL CONFERENCE ON GLOBAL WARMING-2018 (GCGW-2018)
4	V. International Scientific Committee, Fourth European Conference on Renewable Energy Systems (ECRES2016), Istanbul/Turkey on 27-30 August 2017.
5	Local Advisory Board, The Second International Hydrogen Technologies Congress (IHTEC-2017), 15-18 March 2017, Adana, Turkey.
6	IV. International Scientific Committee, Fourth European Conference on Renewable Energy Systems (ECRES2016), Istanbul/Turkey on 28-31 August 2016.
7	The 6th International Multi-Conference on Engineering and Technological Innovation: IMETI 2013 July 9 - 12, Orlando, Florida, USA.
8	The 7th International Multi-Conference on Engineering and Technological Innovation: IMETI 2014, July 15 - 18, 2014 – Orlando, Florida, USA.
9	International Conference on Engineering and Meta-Engineering: ICEME 2010, April 6th - 9th, 2010 – Orlando, Florida, USA.
10	UKMK-11, National Chemical Engineering Conference, 2-5 September, 2014, Eskisehir, Turkey.
11	2014 Global Conference on Polymer and Composite Materials (PCM 2014), (4), China, (2014).
12	Coordination Office, 11 th Int. Symp. on Biomedical Science & Technology Days, September 2004, Turkey/Ankara.
13	Journal Reviewer, Electrochimica Acta
14	Journal Reviewer, International Journal of Hydrogen Energy
15	Journal Reviewer, Journal of Membrane Science
16	Journal Reviewer, Journal of Applied Polymer Science
17	Journal Reviewer, Polymer Bulletin
18	Journal Reviewer, ACS Applied Materials & Interfaces
19	Journal Reviewer, Fuel
20	Journal Reviewer, European Polymer Journal
21	Journal Reviewer, Fuel Cells
22	Journal Reviewer, Turkish Journal of Electrical Engineering & Computer Sciences
23	Journal Reviewer, Applied Energy
24	Journal Reviewer, Energy Conversion and Management
25	Journal Reviewer, Polymer Degradation and Stability

CITATIONS

H-index (ISI Web of Science):	23
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COURSES GIVEN

1	Energy System Engineering I
2	Energy System Engineering II
3	Heat Transfer
4	Heat and Mass Transfer
5	Fuel Cell Technology
6	Hydrogen Technology
7	Solar Energy Technologies
8	Energy Systems Design Project I
9	Energy Systems Design Project II

THESES SUPERVISED

1	MS Thesis: "Development of Self-Humidifying Membrane Electrode Assembly for PEM Fuel Cell", Umut Baki Çağan, 2013–2015.
2	MS Thesis: "Modelling a High Temperature PEM Fuel Cell", Berna Sezgin, 2014–2016.
3	MS Thesis: "Investigation of Temperature Profile in High Temperature PEM Fuel Cell", Dilara Gülçin Çağlayan, 2014–2016.
4	MS Thesis: "Development and Characterization of PBI Composite and Crosslinked Membranes for High Temperature PEM Fuel Cell Applications", Yağmur Özdemir, 2015–2019.
5	MS Thesis: "Modeling and Simulation of High Temperature Proton Exchange Membrane Fuel Cell Based Cogeneration Systems", Yağmur Nalbant, 2016-2018.
6	MS Thesis: "Design and Development of High Temperature PEM Fuel Cell Flow Channel", Celal Yılmaz, 2016-2018.
7	MS Thesis: "Investigation of Contact Pressure of PEM Fuel Cell", Arife Sağlam, 2017-2019.
8	MS Thesis: "Design Manufacturing and Testing of High-performance proton Exchange Membrane Fuel cell stack", Yağmur Budak, 2017-2019.
9	MS Thesis: "Design and Optimization of Solar Based Hybrid Power System", Ceren Ceylan, 2018- 2020.
10	MS Thesis: "Development of High-Performance Bimetallic Catalysts for Proton Exchange Membrane Fuel Cell" Mogdam Gassy Hu Al-Tememy, 2018-2020.
11	MS Thesis: Development of Non-Noble (Co-N/Mwcnt) And Polybenzimidazole Modified (Pt-PBI/MWCNT) Electrocatalysts For High-Temperature PEM Fuel Cell Applications, Enes Oğuzhan Eren, 2017-2020.
12	MS Thesis: "Development of High-Performance Composite Membrane for

	Proton Exchange Membrane Fuel Cell”, Dedar Emad Hussin, 2018-2021.
13	MS Thesis: “Investigation of Hydrogen Production from Sodium Boron Hydride Hydrolysis with Supported Metal Catalyst”, Tuqa Majeed Hameed Al-Msrhad, 2019-2021.
14	Frederick Can Troster, Modelling at a Solar Dish Stirling System Based Hydrogen Production, 2020-Present
15	Duygu Kemeriz, Modelling and Optimization of an PEM Fuel Cell Based Hybrid Renewable Energy System, 2020-Present.
16	PhD Thesis: “Development of a Composite Materials Based Fuel Cell through Modeling and Experimental Studies”, Güvenç Umur Alpaydın, 2017-Present.
17	PhD Thesis: “Development of platinum-containing electrocatalysts supported on Hybrid Material for PEM Fuel Cells”, Ahmed Yaseen Al-Janabi, 2019-Present.
18	PhD Thesis: Development of High-Performance Electrochemical Hydrogen Compressor Through Theoretical and Experimental Studies, Gizem Nur Bulanık Durmuş, 2019-Present