

CURRICULUM VITAE AND ACTIVITIES



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April 2024

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Personal Info

Full name : İsmail Hakkı ALTAŞ
Place of Birth : İspir, Erzurum, Türkiye
Date of birth : 12 Ocak 1961

Educational history:

PhD : Department of Electrical Engineering at the University of New Brunswick (UNB), Fredericton, New Brunswick, Canada (1988-1993)
MScE : Department of Electrical and Electronics Engineering at Karadeniz Technical University (KTU), Trabzon, Türkiye (1985-1988)
BScE : Department of Electrical Engineering at Kocaeli Engineering Faculty of Yıldız University, (New name: Kocaeli University) İzmit, Kocaeli, Türkiye (1981-1985)

Academic Experience:

Research Assistant : Department of Electrical and Electronics Engineering, KTU, Trabzon, Türkiye (1986-1994)
Assistant Prof. Dr. : Department of Electrical and Electronics Engineering, KTU, Trabzon, Türkiye (1994 - 1997)
Assoc. Prof. Dr. : Department of Electrical and Electronics Engineering, KTU, Trabzon, Türkiye (1997-2007)
Prof. Dr. : Department of Electrical and Electronics Engineering, KTU, Trabzon, Türkiye (2007-)
Visiting Scholar : Department of Electrical and Computer Engineering, The University of New Brunswick (UNB), Fredericton, New Brunswick, Canada. (From June 1, 2006 to July 31, 2007)

Administrative Duties:

- Vice Chairman of the Department** : KTU, Department of Electrical and Electronics Engineering, Trabzon, Türkiye (1995-1998)
- Vice Dean of the Faculty** : KTU Faculty of Engineering and Artitecture, Trabzon, Türkiye (1998-2001).
- Chairman of the Department** : KTU Department of Computer Engineering, Trabzon, Türkiye (2000-2001)
KTU, Department of Electrical and Electronics Engineering, Trabzon, Türkiye (Aralık 2009-Nisan 2022)
- Vice Director** : KTU, Graduate School of Natural and Applied Sciences, Trabzon, Türkiye (2004-2006)
- Director** : KTÜ Abdullah Kanca Vocational High School (2007- 2013)
- Chairman of the Board** : Trabzon TEKNOKENT (2016- 2021)
- Coordinator** : IAESTE representative of KTU (1998-2001)
- Coordinator** : KTU, Department of Electrical and Electronics Engineering, ERASMUS Coordinator (2002-2006)
- Academic Advisor** : KTU Electrical, Electronics and Computer Student Club, (2000-2006)
KTÜ IEEE Student Chapter (2000 – Continues)
- Member of the Executive Board** : KTÜ-KOSGEB Executive Board Member (1997-2003)
KTÜ-TEKNOKENT Executive Board Member (2003-2006)
- : KTU Faculty of Engineering and Artitecture (2000-2005).
KTU, Graduate School of Natural and Applied Sciences (2004-2006)
KTU, Graduate School of Natural and Applied Sciences (2009 - 2024)
KTU Faculty of Engineering (2010 - 2023).
KTÜ University Executive Board (2021 – Continues)
KTU University Senate Member (2023 – Conrinues)

Abreviations:

TEKNOKENT: Technology Development Zone

IAESTE : International Association for the Exchange of Students for Technical Experience

KOSGEB : Small Industry Development Center

Memberships and Duties in National and International Professional Organizations

- Vice Chairman** : The Chamber of Electrical Engineers (EMO)-Türkiye, Trabzon Branch (1998-2008)
- Chairman** : The Chamber of Electrical Engineers (EMO)-Türkiye, Trabzon Branch (2018-2020)
- Member of the Education Committee** : EMO, Central Branch (2018-2020)
- Member of the SMM Committee** : EMO, Central Branch (2018-2020)
- Member of the Transcript Committee** : EMO, Central Branch (2018-2020)
- Memeber of the IEEE Working Group** : IEEE Working Group on "Dynamic Performance and Modeling of HVDC Systems and Power Electronics for Transmission Systems" (June 2006 - Continues)
- Memeber of the IEEE Technical committee** : Technical Committee Member of Power Electronics in Renewable Energy and Distributed Generation systems of the IEEE Power Electronics Society (January 2007 - Continues)
- MÜDEK membership** : A member of the Engineering Education Programs Evaluation and Accreditation Association (MÜDEK)
- MÜDEK Program Evaluator** : MÜDEK Program Evaluator (2012 – Continues). Approximately 15 Department evaluation for various universities have been done so far.

IEEE Memberships

- IEEE Senior Member
- IEEE - The Institute of Electrical and Electronics Engineers
- IEEE PES - Power & Energy Society
- IEEE Industrial Electronics Society
- IEEE Industry Application Society
- IEEE Systems Man and Cybernetics Society
- IEEE Control Systems Society
- IEEE Power Electronics Society



Awards:

- The first place in academic performance evaluation, KTU, for Academic year 1997-1998.
- TÜBİTAK (The Scientific and Technological Research Council of Türkiye) Post-Doctoral Scholarship Support Abroad (2006-2007)
- IEEE Senior member, February 17, 2007.
- TÜBİTAK publication incentive awards (At different times)
- International EDEXCEL Accreditation award form Sürmene Abdullah Kanca Vocational School of Higher Education.
- MÜDEK Accreditations granted to KTU Faculty of Engineering, Department of Electrical and Electronics Engineering (from 2010 to 2026)
- The Best Devaloping Technology Development Zone award for the year 2018 given to Trabzon TEKNOKENT
- Getting appreciation letters from TUBİTAK for academically guiding the undergraduate student projects in project fairs organized by TUBİTAK
- Appretiation plague for project fair Works in the departmant.
- Contributions to “KTU Project Fair From Dream to reality”

Abreviations:

TEKNOKENT: Technology Development Zone

IAESTE : International Association for the Exchange of Students for Technical Experience

KOSGEB : Small Industry Development Center

TÜBİTAK : The Scientific and Technological Research Council of Türkiye

MÜDEK : Engineering Education Programs Evaluation and Accreditation Association

EMO : The Chamber of Electrical Engineers of Türkiye

EDEXCEL : A qualification brand for academic and generation qualifications from Pearson.

Research Areas

- Analysis, Dynamics and Control of Electrical Power Systems
- Renewable Energy Systems (Photovoltaics, Wind and Wave)
- Fuzzy Logic
- Intelligent Control Systems
- Flexible AC Transmission Systems (FACTS)
- Distributed Networks
- Microgrids
- Smart Power Distribution Networks
- Energy Management and Energy Efficiency

Projects (Only those with Management Task are written)

1. “A New Protection Relay for Electrical Power Systems and Its Control with Fuzzy Logic”, Supported by Karadeniz Technical University Research Fund. Project Code: 96.112.004.7.
2. “Using Solar Energy as an Alternative Electricity Energy Source in Settlements Distant from the Electricity Network”, Supported by Karadeniz Technical University Research Fund, Project Code: 96.112.004.9.
3. “Smart Solar House”, Supported by Karadeniz Technical University Research Fund, Project Code: 2004.112.004.03.
4. “Investigation of Energy Conversion System from Wave Energy in the Eastern Black Sea Region”, Supported by Karadeniz Technical University Research Fund. Project Code: 2008.112.004.1.
5. “A Design Providing High Power Quality for a Combined Electric Power Generation System Consisting of PV/Wind and Fuel Cells”, Supported by Karadeniz Technical University Research Fund. Project Code: 2008.112.004.2.
6. “Non-Glaring Vehicle Headlight”, project code SANTEZ 00279.STZ.2008-1.
7. “Improving the Infrastructure of the Undergraduate Laboratories of the Department of Electrical and Electronics Engineering”, Infrastructure project. Project Code: FAY-2016-5488. (2016-2017).
8. “Resolving Irregular Wave Effects on Electric Power in Wave Energy Systems by Intelligent Compensation Methods”, Supported by Karadeniz Technical University Research Fund. Project Code: FBA-2014-5168.
9. “Design of a Rehabilitation Robot with Parallel Mechanism and Human-Machine Interactive Control”, TÜBİTAK 3001- Initial R&D project. Project Code: 114E025.
10. “Smart Power Consumption and Energy Management in Houses with Grid Connect PV Solar Energy System”, TÜBİTAK 1001 project. Project Code: 115E943.

11. “Electrical power generation from waves in the Eastern Black Sea Region” DOKAP 2015D000050, 2018 – Ended due damages and collapsing body caused by storms and dangerous waves during the installation of the system at sea.
12. “A new system that generates electricity from sea waves hitting the port”, Supported by Karadeniz Technical University Research Fund, (KTU-BAP), (2019 - 2020)
13. “Model Predictive Control of Uninterruptible Power Supplies with Uncertainty”, TÜBİTAK 1002 Project, is for PhD Student thesis. 2020-2021,

Supervised Doctoral Theses (Completed)

1. Mehmet Kubilay Eker (2005), “Fuzzy Logic Control of Synchronous Generator Excitation Circuit”, Karadeniz Technical University
2. Onur Özdal Mengi (2011), “A Smart Energy Management System for Sustainability in Renewable Energy Systems”, Karadeniz Technical University
3. Emre Özkop (2012), “An Intelligent Controlled Novel Power Conditioning For Wave Energy Converter Systems”, Karadeniz Technical University
4. Serhat Duman (2015), “Control and Optimization in Photovoltaic Solar Energy Systems Applications”, Kocaeli University, served as Second Supervisor.
5. Mustafa Şinasi Ayas (2017), “Design of a Rehabilitation Robot with Parallel Mechanism and Human-Machine Interactive Control”, Karadeniz Technical University
6. Erdiñ Şahin (2017), “Resolving Irregular Wave Effects on Electric Power in Wave Energy Systems with Intelligent Compensation Methods”, Karadeniz Technical University
7. Kenan Yanmaz (2018), “A New and Smart STATCOM Design and Application in Small Scale Wind Turbines”, Karadeniz Technical University
8. Recep Çakmak (2018), “Intelligent demand management system for residences with photovoltaic power generation system in smart grids”, Karadeniz Technical University
9. Yahya Danayyen (2021), “Model predictive control and smart decision maker applications in uninterruptible power supplies”, Karadeniz Technical University
10. Yeşim Aysel Baysal (2022), “Learning-based adaptive motion control of the snake robot” , Karadeniz Technical University

Supervised Master's Theses (Completed)

1. Erdal Kılıç, (1996), "Control of Synchronous Motor Power Factor with Fuzzy Logic", Karadeniz Technical University.
2. Ersan Gülay, (1996), "Reactive Power from Fuzzy Logic Controlled Static Var Systems in Electric Power Systems", Karadeniz Technical University.
3. Mehmet Kubilay Eker, (1997), "Fuzzy Logic Based Load Frequency Control in Electrical Power Systems and a Digital Distance Relay", Karadeniz Technical University.

4. Bülent Uzun, (2001), "Fuzzy Logic Approach for Stability Problem in Power Systems", Karadeniz Technical University.
5. Ergül Uçar, (2003), "Using Genetic Algorithms in the Optimization of Power Systems", Karadeniz Technical University.
6. Murat Gürler, (2004), "RF Based Differential Protection for Power Distribution Lines", Karadeniz Technical University.
7. Onur Özdal Mengi, (2004), "Moving Object Tracking and Position Control", Karadeniz Technical University.
8. Aykut Fatih Güven, (2004), "Generation and control of PWM signals with computers", Karadeniz Technical University.
9. Murat Esen, (2006), "Fuzzy Logic Aided Power Flow Analysis" Karadeniz Technical University.
10. Kenan Yanmaz, (2011) "The Application of a Fuzzy Reasoning Based Power Filter and Dynamic Voltage Regulator for Single Phase Micro Wind Power Generation Systems" Karadeniz Technical University.
11. Mustafa Şinasi Ayas, (2012), "Interactive Virtual Laboratory for System Simulation and Control" Karadeniz Technical University.
12. Recep Çakmak, (2012), "Fuzzy Logic Based Maximum Power Point Tracking System for Photovoltaic Power Generation Systems", Karadeniz Technical University.
14. Göksu Görel, (2013), "A Switched Power and Voltage Regulator for Off-Grid PV-FC Combined Systems", Karadeniz Technical University.
15. Amir Hossein Hajisalem, (2013), "Optimization of PID Control Parameters for Wind/PV Solar Energy Systems with GA and PSO", Karadeniz Technical University.
16. Yahya Danayyen, (2013), "Comparative Analysis of Model Predictive Control Method with Examples", Karadeniz Technical University.
17. Halit Ufacık, (2013), "Constant DA Voltage Using PSO Based Active Power Filter for Grid Connect Photovoltaic Power System", Karadeniz Technical University.
18. Oğuzkağan Alıç, (2014), "Control of Synchronous Motor Power Coefficient with Fuzzy Logic", Karadeniz Technical University.
19. Reza Mirzapour, (2014), "Fuzzy Logic Based Load Frequency Control in Electrical Power Systems and a Digital Distance Relay", Karadeniz Technical University.
20. Yeşim Aysel Baysal, (2016), "Determination of Optimum Capacitor Location and Value for Power Quality in Distribution Networks", Karadeniz Technical University.
21. Sibel Çevik, (2018), "ANN Based Load Planning for Optimum Energy Management in PV Grid Connected Systems", Karadeniz Technical University.
22. Ahsen Ulutaş, (2018), "Neuro Fuzzy Based Generation Planning for Optimum Energy Consumption in PV Grid Connected Systems", Karadeniz Technical University.
23. Büşra Özgenç, (2019), "Examination of the shading effect and reduction of power losses in grid-connected PV systems.", Karadeniz Technical University.

24. Jamil Dabbah (2020), “Balance control of a two-wheeled mobile robot”, Karadeniz Technical University.
25. Jose Eduardo Urrea Cabus (2021), "Machine learning for fault detection in distributed electrical networks", Karadeniz Technical University.

Supervised Doctoral Theses (Ongoing)

1. Sibel Çevik, “Smart estimations for optimum energy management”, Karadeniz Technical University.
2. Büşra Özgenç, “Grid/Load Integration of Shadow Effect Photovoltaic Systems for Energy Continuity”, Karadeniz Technical University.
3. Arif Emre Özdemir, “Control cyber security in smart networks” Karadeniz Technical University.
4. İbrahim Arslanoğlu, “Protection strategies in microgrids”, Karadeniz Technical University.
5. Emrecaan Bingöl, “Cyber security in microgrids”, Karadeniz Technical University.
6. Zeliha Aydın, “The effects of car charging stations on power distribution networks”, Karadeniz Technical University.

Patent, Useful Model, Name, Trade Mark

1. İsmail Hakkı Altaş, Erdinç Şahin, “A system that generates electricity from the sea wave hitting the harbor (Limana vuran deniz dalgasından elektrik üreten bir sistem)”, TR 2019 20405 U5, Date: 21.12.2021.

Publications

Go to page 19.

Courses Given

Undergraduate courses taught in the last 5 years:

1. Fuzzy Logic (Department of Computer Engineering)
2. System Dynamics and Control
3. Project Management
4. Power Distribution Systems
5. Distributed Generation Systems
6. High Voltage Techniques
7. Renewable Energy Systems
8. Intelligent Control Systems
9. Engineering Design
10. Graduation Project

Graduate courses given in the last 5 years:

1. Neural Fuzzy Systems
2. Power System Stability
3. Fuzzy Logic Control
4. Fuzzy Logic Control in Energy Systems

Undergraduate Courses Taught in Years

1. Fundamentals of Electrical Engineering (Department of Mechanical Engineering)
2. Fuzzy Logic (Department of Computer Engineering)
3. Circuit Synthesis
4. Introduction to Power Systems
5. Design of Power Systems
6. Introduction to Control Systems
7. Automatic Control Systems
8. Digital Control Systems
9. Electrical Machines and Power Systems Lab I
10. Electrical Machines and Power Systems Lab II
11. Power Systems I
12. Power Systems II
13. Distribution Systems
14. Protection in Power Systems
15. Intelligent Systems
16. Lighting Technique
17. Design of Low Voltage Power Systems
18. Design of High Voltage Power Systems

19. Entrepreneurship and Project Management
20. System Dynamics and Control
21. Project Management
22. Power Distribution Systems
23. High Voltage Techniques
24. Renewable Energy Systems
25. Design Project / Engineering Design
26. Graduation Project

Graduate Courses Taught in Years

1. Power Flow Analysis
2. Intelligent Control of Power Systems
3. Fuzzy Control and Fuzzy Systems
4. Neural Fuzzy Systems
5. Optimum Operation of Power Systems
6. Power System Stability
7. Flexible AC Transmission Systems
8. Fuzzy Logic Control
9. Fuzzy Logic Control in Energy Systems

Courses Given Abroad

1. Systems and Control (University of New Brunswick, 2006-2007 Spring term)

Symposium Organizations

1. INISTA 2009, *International Symposium on Innovations in Intelligent Systems and Applications*, **Chairman of the Organization Committee** (June 29 - July 1, 2009, Trabzon, Türkiye).
2. INISTA 2012, *International Symposium on Innovations in Intelligent Systems and Applications*, **Chairman of the Organization Committee** (June 2012, KTÜ, Trabzon, Türkiye).
3. ASYU 2012, *Innovations in Intelligent Systems and Applications Conference (Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu)*, **Chairman of the Organization Committee** (June 2012, KTÜ, Trabzon, Türkiye).

Refereeing in scientific International journal (some of them)

1. Computers and Electrical Engineering - An International Journal,
2. International Journal of Electronics
3. IEEE Transactions On Aerospace And Electronic Systems
4. IEEE Transactions On Industrial Electronics
5. IEEE Transactions on Systems, Man, and Cybernetics: Part C Applications and Reviews
6. IEEE Transactions on Education
7. IEEE Transactions on Power Delivery
8. Computer Applications in Engineering Education
9. European Transaction of Electrical Power
10. International Journal of Modeling and Simulation
11. International Journal of Electrical Power & Energy Systems
12. Turkish Journal of Electrical Engineering & Computer Sciences
13. Gazi University Journal of Science
14. Energy and Buildings
15. International Journal of Adaptive Control and Signal Processing
16. Scientific Research and Essays

Refereeing in scientific National journals in Türkiye (some of them)

1. Member of advisory board: *3e Enerji, Elektrik, Elektromekanik Dergisi*
2. T.C. Dumlupınar University *Journal of Engineering*
3. Fırat University *FBE Journal*
4. Gazi University *Journal of the Faculty of Engineering*

Refereeing in Symposiums/Conferences (some of them)

1. *2nd International Symposium on Intelligent Manufacturing Systems*, August 6-7 1998, Sakarya University, Adapazarı.
2. International Conference on Intelligent Computing, ICIC 2006
3. International Electric Machines And Drives Conference (IEMDC) 2007
4. 5th International Conference on Electrical and Electronics Engineering, 2007 Bursa, Turkey
5. 2008 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2008).
6. The symposiums INISTA and ASYU (Every year)
7. ELECO symposiums (Every year)
8. Conferences organized by the Chamber of Electrical Engineers

Session Chair in Some National and International Symposiums

1. *2nd International Symposium on Intelligent Manufacturing Systems*, August 6-7 1998, Sakarya University, Adapazarı.
2. 8th National Electrical-Electronics-Computer Engineering Congress, 6-12 September 1999, Gaziantep.
3. ASYU 2004 Innovations in Intelligent Systems and Applications Conference, Yıldız Technical University, 23-25 June 2004.
4. ASYU 2006 Innovations in Intelligent Systems and Applications Conference, 31 May - 02 June 2006, Yıldız Technical University.
5. ASYU 2006 Innovations in Intelligent Systems and Applications Conference, 31 May - 02 June 2006, Yıldız Technical University.
6. 5th INTERNATIONAL Conference on Electrical And Electronics Engineering (ELECO), 2007 Bursa, TURKEY
7. ASYU 2006 Innovations in Intelligent Systems and Applications Conference, 19 June - 21 June 2008, Süleyman Demirel University, Isparta.
8. ASYU 2016 Innovations in Intelligent Systems and Applications Conference, September - 2016, Düzce University.
9. ASYU 2017 Innovations in Intelligent Systems and Applications Conference, October - 2017, Alanya.

Refereeing in Projects (Evaluation/Monitoring)

1. TUBITAK TEYDEB Projects
2. TUBITAK Project Panelist
3. KTU BAP Projects
4. KOSGEB Projects
5. Member of the R&D Center Evaluation Commission of the Ministry of Science, Industry and Technology

Abbreviations:

- KOSGEB : Small Industry Development Center
TÜBİTAK : The Scientific and Technological Research Council of Türkiye
EMO : The Chamber of Electrical Engineers of Türkiye
EDEXCEL : A qualification brand for academic and generation qualifications from Pearson.
KTU BAP : Karadeniz Technical University Research Fund

Conference, Seminar, Panel, Open Session, Radio-TV Program

Speaker Person Abroad

1. *Photovoltaic Cells: A General Perspective*, University of New Brunswick, Department of Electrical and Computer Engineering, Fredericton, NB, Canada, November 15, 2006.
2. *Photovoltaic Green Power Schemes Using Fuzzy Logic Controllers*, University of New Brunswick, Department of Electrical and Computer Engineering, Fredericton, NB, Canada, November 22, 2006.

Speaker Person

1. Speaker at the conference on "Our Country's Energy Problems and Solution Proposals". It was held in Trabzon Hamamizade İhsan Bey Cultural Center on April 22, 2000.
2. Electrical Energy in Our Country: From Production to Consumption, 6 March 2002, KTU Electrical-Electronics Eng.
3. Towards Smart Applications in Electrical Power Systems, April 2, 2003, KTU Electrical-Electronics Eng.

Invited Speaker

1. "Microgrids: The Future of Electrical Distribution", 2024 11th International Conference on Electrical and Electronics Engineering (ICEEE 2024), scheduled to take place from April 22 to 24, 2024, Co-sponsored by IEEE Turkey Section & Gazi University, Turkey.

Regional (in Türkiye) TV-Radio Programs

1. A professional interview at TRT Trabzon Radio in the first weeks of January 1999, due to the Energy week. It has been repeated in different years on the same subject.
2. Professional interview on Energy on GOKKUŞAĞI TV, April 22, 2000.
3. Participation as a speaker in the session on Floating Mobile Power Plants on ZIGANA Television, December 2000.
4. Participation on behalf of the Electrical and Electronics Engineering and Computer Engineering Departments in the promotional program held on local KUZEY TV before the ÖSS 2001 preferences.

Other Activities

1. Establishment of Sustainable Energy Utilization Laboratory (SEUL) at KTU 2008.
2. Establishment of Power, Energy and Control (POWENCON) R&D group at KTU 2008.
3. KTU Electrical-Electronics Eng. Seminar organizations in the department (2001, 2002, 2003, 2004).
4. KTU Electrical-Electronics Eng. Starting the "From Idea to Reality Projects Exhibition" in the Department of EEE at KTU (2009 – Ongoing). This event was handed over to the KTU Rector's office as being a university activity in 2013 and is organized by the KTU Technology Transfer Center since then as a nationwide activity.

5. Referees in Journals and Conferences
6. Reports on regional issues.
7. Jury memberships in Master's thesis defense exams
8. PhD Thesis Monitoring Jury Memberships
9. Jury memberships in PhD thesis Defense Examinations
10. Jury members in the lecturer and Research Assistant exams
11. Assistant professorship reports
12. Associate professorship reports
13. Professorship reports

SCIENTIFIC RECOGNITION

CITATION REPORTS TO PUBLICATIONS

Google Scholar Report (April 2024)

Google Akademik

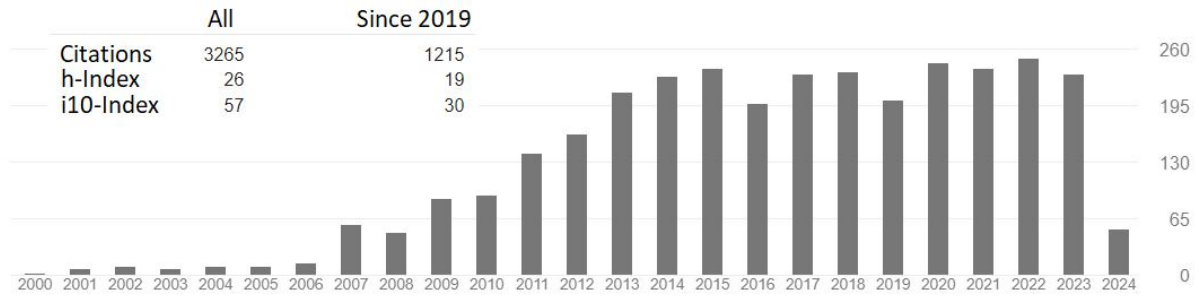
 **I. H. Altas** 

Karadeniz Technical University
altas.org üzerinde doğrulanmış e-posta adresine sahip

Renewable Energy Fuzzy Logic Control FACTS Smart Grids Power System Dynamics a...

TAKIP EDİLİYOR

Annual Citations



BAŞLIK	ALINTI YAPANLAR	YIL
<input type="checkbox"/> A photovoltaic array simulation model for Matlab-Simulink GUI environment IH Altas, AM Sharaf 2007 International Conference on Clean Electrical Power, 341-345	703	2007
<input type="checkbox"/> A novel maximum power fuzzy logic controller for photovoltaic solar energy systems IH Altas, AM Sharaf Renewable Energy 33 (3), 388-399	276	2008
<input type="checkbox"/> A novel on-line MPP search algorithm for PV arrays IH Altas, AM Sharaf IEEE Transactions on Energy Conversion 11 (4), 748-754	204	1996
<input type="checkbox"/> A generalized direct approach for designing fuzzy logic controllers in Matlab/Simulink GUI environment IH Altas, AM Sharaf International journal of information technology and intelligent computing 1 ...	191	2007
<input type="checkbox"/> Control, power and electrical components in wave energy conversion systems: A review of the technologies E Ozkop, IH Altas Renewable and Sustainable Energy Reviews 67, 106-115	153	2017

Research Gate Raport (April 2024)

ResearchGate

Home

Questions

Jobs

Search for research, journals, people, etc.



İsmail H. Altas [Edit](#)

Doctor of Engineering · *Position* · Karadeniz Technical University
Turkey | [Website](#)

Current activity

Research Interest Score — 2,090

Citations — 2,573

h-index — 23

Overall publications stats

2,090

Research Interest Score

↗ +4.7 last week

110,933

Reads ⓘ

↗ +154 last week

2,573

Citations

↗ +7 last week

149

Recommendations

→ ---

Research Interest Score: **2,090** +4.70



Score breakdown

- 52.31% Citations
- 1.75% Recommendations
- 27.06% Full-text reads
- 18.89% Other reads

[View details](#)

Compared to all ResearchGate members

Your Research Interest Score is higher than 96% of ResearchGate members.

Compared by date of first publication

Your Research Interest Score is higher than 86% of ResearchGate members who first published in 1990.

Compared by research area

Your Research Interest Score is higher than 98% of researchers with work related to:

Electrical Engineering

Web of Science (Nisan 2024)



İsmail Hakkı Altaş ✓

(Altas, Ismail Hakki)

[Edit](#)

Web of Science ResearcherID: AAT-2075-2020

Published names ⓘ

Altas, Ismail Hakki Altas, Ismail H. Altas, I. H. Altas, IH Altas, I [Show more](#)

Published Organizations ⓘ

Karadeniz Technical University, University of New Brunswick, Ondokuz Mayıs University [Show more](#)Subject Categories BETA

Engineering; Computer Science; Energy & Fuels; Automation & Control Systems; Optics

Other Identifiers ⓘ

<https://orcid.org/0000-0001-9298-4091>

Citation Report

Web of Science Core Collection metrics

Citation counts are from Web of Science Core Collection.

85

Publications in
Web of Science

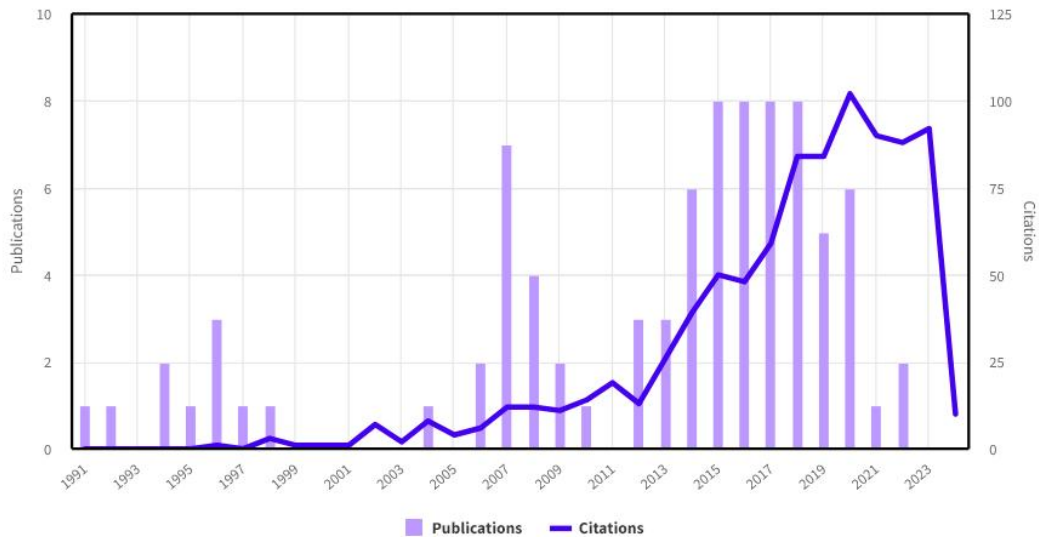
887

Sum of Times
Cited

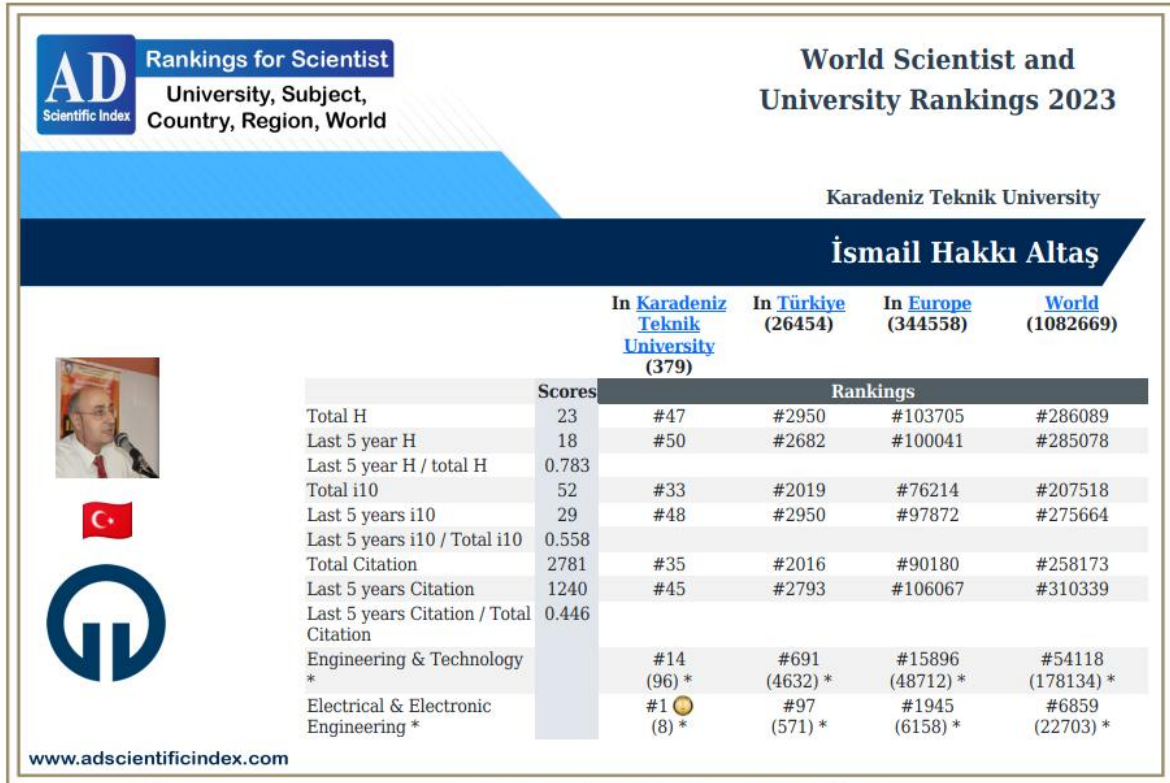
16

H-Index

Times Cited and Publications Over Time



Document showing the first 2% of the world scientists ranking



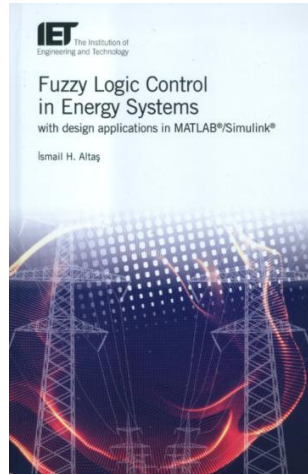
PUBLICATIONS

THESES

- [1]. **I. H. Altas**, "*Control Strategies For Maximum Power Tracking And Energy Utilization Of A Stand-Alone Photovoltaic Energy System*", PhD Thesis, University of New Brunswick, Faculty of Engineering, Department of Electrical Engineering, Fredericton, New Brunswick, Canada, 1993. Supervisor: Prof. Dr. Adel M. Sharaf.
- [2]. **I. H. Altas**, "*Girdap Akımı Kayıplarının Sonlu Elemanlar Yöntemi ile Belirlenmesi -Calculation of Eddy Currents Using Finite Elements Method*", MscE Thesis, Karadeniz Technical University, Department of Electrical and Electronics Engineering, Trabzon, 1988. Supervisor: Prof. Dr. A. Sefa Akpınar.
- [3]. **I. H. Altas**, "*Doğru Akım ve Alternatif Akım Motorlarının Kendi Aralarında Paralel Çalışmaları - Parallel Operation of DC and AC Motors Among Themselves* ", Final Year Project, Yıldız University - Kocaeli Engineering Faculty, Department of Electrical Engineering, İzmit, 1985. Supervisor: Prof. Dr. Atif Ural.

BOOKS

- [4]. **İ. H. Altaş**, "*Fuzzy Logic Control in Energy Systems with design applications in MATLAB/Simulink*", The Institution of Engineering and Technology (The IET) Books, 2017.
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