Mohammad Shaterabadi

Power Systems Researcher · Ph.D. Candidate in Electrical Engineering, York University

Microgrid & Building Energy Management · Optimization · AI for Energy Systems

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Profile

Power systems engineer and Ph.D. candidate in Electrical Engineering at York University, currently in power systems R&D at Electric Power Engineers (EPE). Over seven years of research in microgrid and building energy management, energy hub planning, renewable integration, and battery modelling, applying stochastic and multi-objective optimization, dynamic programming, and neural networks. Published in *Applied Energy*, *Renewable Energy*, *Energy*, *Solar Energy*, *Energy and Buildings*, and *Journal of Energy Storage*, and at IEEE PESGM, CCECE, ISIE, and ICECET. Associate Editor of two journals, Editorial Board Member of two more, and peer reviewer for more than 50 journals and IEEE conferences, with 287 reviews verified on Web of Science.

22	4+4	10	516	14
Journal Articles	Book Chapters	Conference Papers	Citations	h-index

Book chapters include 4 under review. Citation metrics from Google Scholar, October 2026.

Education

Ph.D. in Electrical Engineering (Candidate) Sep 2024 – Present (expected 2029)
York University, Lassonde School of Engineering, Dept. of EECS *Toronto, Canada*

- **Thesis:** AI-Driven Innovations for Carbon-Neutral and Intelligent Building Energy Systems
- **Supervisor:** Prof. Houshang Karimi

M.Sc. in Electrical Power Systems Engineering Sep 2016 – Feb 2019
Kermanshah University of Technology *Kermanshah, Iran*

- **Thesis:** The Effect of INVELOX Turbines on the Energy Management of Microgrid
- **GPA:** 18.55/20 (4.00/4.00) – ranked 2nd in cohort

B.Sc. in Electrical Power Engineering Sep 2012 – Aug 2016
Kermanshah University of Technology *Kermanshah, Iran*

- **Thesis:** Designing and Manufacturing of the Control of a Voltage Control Loop
- **GPA:** 17.18/20 (3.54/4.00) – ranked 2nd in cohort

Professional and Research Experience

Intern, Research & Development – Power Systems Sep 2026 – Present
Electric Power Engineers (EPE) *Waterloo, ON, Canada (remote)*

- Power systems research and development within EPE's R&D group, reporting to the Senior Director of R&D.

Graduate Researcher (Ph.D.) Sep 2024 – Present
York University, Dept. of Electrical Engineering and Computer Science *Toronto, Canada*

- Doctoral research in the Smart Grid Lab on AI-driven energy management for carbon-neutral buildings and data centers.

- Built neural-network and Taguchi-design models of green-roof Plus-ZEB energy systems (*Renewable Energy*, 2026).
- Authored and co-authored four chapters of Elsevier's *Comprehensive Microgrids* reference work; assisted in preparing an NSERC Discovery Grant proposal.

Visiting Research Assistant (invited, on-site) 2022 – 2024
Qatar University, Office of Academic Research *Doha, Qatar*

- Four on-site research appointments: Mar – May 2022, Aug – Oct 2022, May – Jul 2023, and May – Jul 2024.
- Energy hub and multilateral-grid planning with bifacial PV, tidal and INVELOX turbines, hydrogen storage, carbon capture, and demand response.
- Related publications in *Energy and Buildings*, *Sustainable Cities and Society*, *Journal of Energy Storage*, and IEEE PESGM 2024.

Research Assistant Feb 2019 – Jan 2022
Kermanshah University of Technology *Kermanshah, Iran*

- Stochastic and multi-objective microgrid energy management with INVELOX turbines, CCUS incentives, transmission-line switching, and real-time price uncertainty, modelled in GAMS.
- Related publications in *Renewable Energy* (two papers), *Electrical Engineering*, *Energy Technology*, and *Greenhouse Gases: Science and Technology*.

Intern Jun 2016 – Aug 2016
Kermanshah Electricity Distribution Company *Kermanshah, Iran*

Research Interests

- AI-driven energy management of buildings and data centers
- Zero- and plus-zero-energy buildings; green roofs
- Microgrid and multilateral-grid operation, planning, and resiliency
- Energy hubs, hydrogen storage, and CCUS
- Renewable integration (bifacial PV, INVELOX, tidal) and EVs
- Demand response and incentive programs
- Stochastic and multi-objective optimization
- Machine learning for energy systems and batteries

Technical Skills

Optimization & Programming	GAMS, Python (Pyomo), MATLAB/Simulink, C (CodeVisionAVR)
Power System Analysis	ETAP, DIgSILENT PowerFactory, CYME, PowerWorld Simulator, HOMER
Building Energy & Lighting	EnergyPlus, BEopt, DIALux
Electronics & Automation	Multisim, Proteus, SIMATIC Manager, LOGO Soft Comfort, Minitab
Methods	Stochastic and multi-objective optimization, mixed-integer programming, dynamic programming, neural networks, design of experiments (Taguchi)

Publications

M. Shaterabadi in bold; * corresponding author. Google Scholar (Oct 2026): 516 citations, h-index 14, i10-index 17. Scopus: 426 citations, h-index 11. Web of Science: 327 citations, h-index 9.

Journal Articles

J1 **M. Shaterabadi***, M. Ahmadi Jirdehi, V. Sohrabi Tabar, S. Galvani, "Advanced dynamic programming for optimal microgrid energy management under RER intermittency," *Renewable Energy*, vol. 256, Art. no. 124077, 2026. doi:10.1016/j.renene.2025.124077

J2 **M. Shaterabadi***, H. Karimi, H. Mehrjerdi, "Advanced modelling of green roof-enabled Plus-ZEB energy systems: A synergistic approach using Taguchi design and neural networks," *Renewable Energy*, vol. 256, Art. no. 124314,

2026. doi:10.1016/j.renene.2025.124314

J3 **M. Shaterabadi***, "Stochastic optimal energy planning of the multi-connected grids by the presence of bi-facial PV panels: Interaction of micro-nano and main grid," *Sustainable Energy Control and Optimization*, vol. 1, no. 2, pp. 53–60, 2025. doi:10.62762/SECO.2025.864874

J4 M. Ahmadi Jirdehi, **M. Shaterabadi**, V. Sohrabi Tabar, S. Galvani, "Strategic optimization of electric vehicles' battery swapping stations for developing countries: Balancing demand, cost dynamics, and sustainability in electric mobility," *Energy for Sustainable Development*, vol. 88, Art. no. 101821, 2025. doi:10.1016/j.esd.2025.101821

J5 **M. Shaterabadi***, "Optimized Volt/VAR control for inverter-interfaced distributed energy resources in compliance with IEEE 1547 standards," *Sustainable Energy Control and Optimization*, vol. 1, no. 1, pp. 35–42, 2025. doi:10.62762/SECO.2025.754083

J6 **M. Shaterabadi***, H. Mehrjerdi, H. Karimi, M. Ahmadi Jirdehi, "Solar-based units' shadow's effect on energy management of triple interconnected grids by considering crypto miners and CCUS plus green roof," *Solar Energy*, vol. 296, Art. no. 113576, 2025. doi:10.1016/j.solener.2025.113576

J7 M. Ahmadi Jirdehi, **M. Shaterabadi***, A. Iqbal, "Enhancement of the solar water heater thermodynamic performance by utilizing solar panels under diverse scenarios: Comprehensive outlook," *International Communications in Heat and Mass Transfer*, vol. 163, Art. no. 108734, 2025. doi:10.1016/j.icheatmasstransfer.2025.108734

J8 **M. Shaterabadi**, H. Mehrjerdi, H. Karimi, A. Iqbal, M. Ahmadi Jirdehi, "The energy hub's audit and planning by the participation of the bifacial PV panels, tidal turbine, and demand response supported by hydrogen storage and fuel cell plus carbon capture and crypto-miners," *Journal of Energy Storage*, vol. 109, Art. no. 113923, 2025. doi:10.1016/j.est.2024.113923

J9 N. Amiri, **M. Shaterabadi***, L. Ben-Brahim, M. Ahmadi Jirdehi, "Assessing the eco-environmental aspects of fossil fuels-based units substitution of Point Aconi thermal power plant by green-based energies: A case study of Canada," *Electrical Engineering*, vol. 107, pp. 1331–1346, 2025. doi:10.1007/s00202-024-02482-w

J10 **M. Shaterabadi**, S. Ahmadi, M. Ahmadi Jirdehi, "Stochastic energy planning of a deltoid structure of interconnected multilateral grids by considering hydrogen station and demand response programs," *Applied Energy*, vol. 375, Art. no. 123737, 2024. doi:10.1016/j.apenergy.2024.123737

J11 R. Heidari, M. Ahmadi Jirdehi, **M. Shaterabadi**, "Hybrid energy-based electric vehicles charging station integrated with INVELOX wind turbine: A case study of Kermanshah," *Energy*, vol. 308, Art. no. 132833, 2024. doi:10.1016/j.energy.2024.132833

J12 M. Aryan Tabar, M. Ahmadi Jirdehi, **M. Shaterabadi**, "Impact of bi-facial PV panels' presence as the novel option on the energy management and scheduling of the interconnected grids: Comprehensive outlook," *Journal of Building Engineering*, vol. 90, Art. no. 109495, 2024. doi:10.1016/j.jobe.2024.109495

J13 **M. Shaterabadi**, H. Mehrjerdi, N. Amiri, M. Ahmadi Jirdehi, A. Iqbal, "Green roof positive impact on changing a Plus-ZEB to drastic Plus-ZEB: The multi-objective energy planning and audit in real condition outlook," *Energy and Buildings*, vol. 287, Art. no. 112983, 2023. doi:10.1016/j.enbuild.2023.112983

J14 **M. Shaterabadi**, H. Mehrjerdi, M. Ahmadi Jirdehi, "How INVELOX can affect the perspective of renewable energy exploitation: Demand response and multilateral structure planning outlook," *Sustainable Cities and Society*, vol. 91, Art. no. 104421, 2023. doi:10.1016/j.scs.2023.104421

J15 M. Ahmadi Jirdehi, **M. Shaterabadi**, V. Sohrabi Tabar, A. Rezaee Jordehi, "Impact of diverse penetration levels of thermal units on a hybrid microgrid energy management considering the time of use and function priority," *Applied Thermal Engineering*, vol. 217, Art. no. 119164, 2022. doi:10.1016/j.applthermaleng.2022.119164

J16 **M. Shaterabadi***, M. Ahmadi Jirdehi, N. Amiri, "Impact of fuel price increasing policies on fuel smuggling and acceptance of green cars: A case study of Iran," *The Journal of Engineering*, vol. 2022, no. 12, pp. 1239–1248, 2022. doi:10.1049/tje2.12181

J17 N. Amiri, **M. Shaterabadi**, K. Reza Kashyzadeh, M. Chizari, "A comprehensive review on design, monitoring, and failure in fixed offshore platforms," *Journal of Marine Science and Engineering*, vol. 9, no. 12, Art. no. 1349, 2021. doi:10.3390/jmse9121349

J18 M. Ahmadi Jirdehi, **M. Shaterabadi**, "A low-carbon strategy using INVELOX turbines in the presence of real-time energy price uncertainty," *Greenhouse Gases: Science and Technology*, vol. 11, no. 3, pp. 461–482, 2021. doi:10.1002/ghg.2060

J19 **M. Shaterabadi**, M. Ahmadi Jirdehi, "Smart scheduling of transmission line switching: Optimization of multi-objective microgrid's day-ahead energy scheduling with considering high penetration of green energies and INVELOX," *Electrical Engineering*, vol. 103, pp. 1753–1767, 2021. doi:10.1007/s00202-020-01193-2

J20 M. Ahmadi Jirdehi, **M. Shaterabadi**, "Incentive programs caused by the carbon capture utilization and storage technology profit's effect: Optimal configuration and energy planning of hybrid microgrid involving INVELOX turbine," *Energy Technology*, vol. 8, no. 10, Art. no. 2000398, 2020. doi:10.1002/ente.202000398

J21 **M. Shaterabadi**, M. Ahmadi Jirdehi, N. Amiri, S. Omidi, "Enhancement the economical and environmental aspects of plus-zero energy buildings integrated with INVELOX turbines," *Renewable Energy*, vol. 153, pp. 1355–1367, 2020. doi:10.1016/j.renene.2020.02.089

J22 **M. Shaterabadi**, M. Ahmadi Jirdehi, "Multi-objective stochastic programming energy management for integrated INVELOX turbines in microgrids: A new type of turbines," *Renewable Energy*, vol. 145, pp. 2754–2769, 2020. doi:10.1016/j.renene.2019.08.002

Journal Article Under Review

R1 **M. Shaterabadi**, M. Ahmadi Jirdehi, "INVELOX wind turbine technology: A comprehensive review of performance, design challenges, and emerging applications," *Results in Engineering* (Elsevier), Ms. No. RINENG-D-26-08554, under review, 2026.

Book Chapters

B1 **M. Shaterabadi**, M. Ahmadi Jirdehi, H. Mehrjerdi, H. Karimi, "Artificial intelligence for autonomous vehicles: Comprehensive outlook," in *Handbook of Power Electronics in Autonomous and Electric Vehicles*, Elsevier, 2024, pp. 59–79. doi:10.1016/B978-0-323-99545-0.00002-6

B2 **M. Shaterabadi**, S. Sadeghi, M. Ahmadi Jirdehi, "The role of green hydrogen in achieving low and net-zero carbon emissions: Climate change and global warming," in *Green Hydrogen in Power Systems*, Green Energy and Technology, Springer, Cham, 2024, pp. 141–153. doi:10.1007/978-3-031-52429-5_6

B3 **M. Shaterabadi**, H. Khajeh, H. Firoozi, H. Laaksonen, "Energy management systems of grid-connected active buildings," in *Active Building Energy Systems: Operation and Control*, Green Energy and Technology, Springer, Cham, 2022, pp. 251–271. doi:10.1007/978-3-030-79742-3_10

B4 H. Firoozi, H. Khajeh, H. Laaksonen, **M. Shaterabadi**, "Active building as an electricity network service provider," in *Active Building Energy Systems: Operation and Control*, Green Energy and Technology, Springer, Cham, 2022, pp. 273–293. doi:10.1007/978-3-030-79742-3_11

Book Chapters Under Review – *Comprehensive Microgrids*, Elsevier Major Reference Work (Editor-in-Chief stage, 2026)

B5 **M. Shaterabadi**, M. M. Yousef, H. Karimi, R. Karimi, H. Mehrjerdi, "Demand response strategies for optimal energy management and utilization in microgrids," Chapter 30003.

B6 **M. Shaterabadi**, M. M. Yousef, H. Karimi, R. Karimi, H. Mehrjerdi, "Integration of electric vehicles in microgrid energy management," Chapter 30013.

B7 M. M. Yousef, H. Karimi, **M. Shaterabadi**, "State of charge estimation and battery management strategies in microgrids," Chapter 30010.

B8 M. M. Yousef, H. Karimi, **M. Shaterabadi**, "Hierarchical and decentralized approaches to energy management in microgrids," Chapter 30011.

Conference Papers

C1 **M. Shaterabadi**, H. Mehrjerdi, H. Karimi, "Advanced energy management and planning strategies for the IEEE 33-bus system: Integration of EV penetration, INVELOX turbines, and bifacial PV panels," in *Proc. 2025 5th Int. Conf. on Electrical, Computer and Energy Technologies (ICECET)*, Paris, France, Jul. 2025, pp. 1–6. doi:10.1109/ICECET63943.2025.11472028

C2 M. M. Yousef, **M. Shaterabadi**, H. Karimi, "An adaptive Kalman-guided soft sensor using feedforward neural

networks for SOC estimation in lithium-ion batteries," in *Proc. 2025 IEEE 34th Int. Symp. on Industrial Electronics (ISIE)*, Toronto, ON, Canada, 2025, pp. 1–6. doi:10.1109/ISIE62713.2025.11124741

C3 M. M. Yousef, **M. Shaterabadi**, H. Karimi, "Enhancing memory-limited feedforward neural networks for state of charge estimation through temporal feature engineering," in *Proc. 2025 IEEE 34th Int. Symp. on Industrial Electronics (ISIE)*, Toronto, ON, Canada, 2025, pp. 1–6. doi:10.1109/ISIE62713.2025.11124816

C4 **M. Shaterabadi***, H. Mehrjerdi, H. Karimi, "The impact of tie line capacity on the energy planning of the multi-lateral grid by considering bi-facial PV," in *Proc. 2025 IEEE Canadian Conf. on Electrical and Computer Engineering (CCECE)*, Vancouver, BC, Canada, 2025, pp. 282–286. doi:10.1109/CCECE64018.2025.11364464

C5 **M. Shaterabadi**, H. Mehrjerdi, P. Dehghanian, H. Karimi, "The energy management and planning of the proposed water-energy nexus concept by considering tidal turbine and INVELOX as novel options," in *Proc. 2024 7th Int. Conf. on Electrical Engineering and Green Energy (CEEGE)*, Los Angeles, CA, USA, 2024, pp. 29–34. doi:10.1109/CEEGE62093.2024.10744096

C6 **M. Shaterabadi**, H. Mehrjerdi, H. Karimi, B. Aminnessar, L. Ben-Brahim, M. Ahmadi Jirdehi, "The reinvention of an energy hub's planning by considering tidal turbine, bi-facial PV panels, and INVELOX: A unique outlook on the combination performance of novel RERs," in *Proc. 2024 IEEE Power & Energy Society General Meeting (PESGM)*, Seattle, WA, USA, 2024, pp. 1–5. doi:10.1109/PESGM51994.2024.10761088

C7 **M. Shaterabadi***, M. Ahmadi Jirdehi, "Power and energy management in an unbalanced IEEE 33-bus distribution network with consideration of electric vehicles in the presence of microgrids including INVELOX wind turbines" (in Persian), in *5th National Conf. on Electrical and Mechatronics Engineering of Iran*, 2019. civilica.com/doc/988387

C8 **M. Shaterabadi**, M. Ahmadi Jirdehi, S. Ahmadi, "Multi-objective energy management in microgrid with considering tie line capacity variation in presence of renewable and non-renewable energy resources" (in Persian), in *24th Electrical Power Distribution Conf.*, Iran, 2019.

C9 **M. Shaterabadi**, S. Sadeghi, "Comparison of balanced and unbalanced load flow in unbalanced IEEE 33-bus distribution system using ETAP software" (in Persian), in *2nd National Conf. on Innovations in Electrical and Computer Engineering Technology (IECT-2019)*, Payame Noor University, Iran, 2019. civilica.com/doc/917157

C10 **M. Shaterabadi***, M. Ahmadi Jirdehi, "Optimization of location and number of PMUs based on integer linear programming with considering the events in the power system by using GAMS software" (in Persian), in *5th Int. Conf. on Applied Research in Electrical, Mechanical & Mechatronics Engineering*, Iran, Feb. 2019. civilica.com/doc/868794

Book Translation (English to Persian)

T1 A. J. Conejo, L. Baringo, *Power System Operations*, Persian translation by M. Ahmadi Jirdehi, **M. Shaterabadi**, S. Sadeghi, 2023. ketab.ir

Editorials

E1 M. Shafie-Khah, L. Bagherzadeh, I. Sami, Y. Mohammadi, S. Sachan, S. Tao, S. Sukumaran, S. Dorahaki, **M. Shaterabadi**, et al., "Inaugural Issue for Smart Energy Systems," *Smart Energy Systems*, vol. 1, no. 1, article 1 (Editorial). 2026

Honors, Awards, and Scholarships

Ranked 2nd among all M.Sc. Electrical Power Engineering entrants (GPA 18.55/20), Kermanshah University of Technology 2016 – 2019

Direct admission to M.Sc. without the national entrance exam as an exceptionally talented student (top 10% of the cohort), Kermanshah University of Technology 2016

Ranked 2nd among all B.Sc. Electrical Power Engineering entrants (GPA 17.18/20), Kermanshah University of Technology 2012 – 2016

Leadership and Professional Memberships

Graduate Affairs Director, IEEE York University Student Branch — Oct 2025 – 2026

Workshops & Trainings Director, IEEE York University Student Branch — Mar 2025 – Oct 2025

Organizing Team Member, Industry Night: Computing & Mechanics 2025 (IEEE YorkU and York University Robotics Society; 300+ attendees) — Sep 2025

Outreach Volunteer, Lassonde School of Engineering, York University (Smart Grid Lab demonstrations, prospective student tours, and engineering program showcases) — 2025 – 2026

Memberships

IEEE (Graduate Student Member; Power & Energy Society; Power Electronics Society; Industrial Electronics Society; Industry Applications Society; Control Systems Society; Reliability Society; Technology and Engineering Management Society; Intelligent Transportation Systems Society; Vehicular Technology Society; Robotics and Automation Society; Young Professionals)

IEEE York University Student Branch

ASHRAE Student Branch at York University (since Dec 2025)

Iran Construction Engineering Organization (IRCEO), Kermanshah Province (Electrical Installations; Active Member since 2021)

Certifications and Technical Training

Professional and Technical Certifications

TVTO certifications were initially earned during 2017–2019 and renewed in 2022.

Standard First Aid with CPR Level C, Lifesaving Society Ontario (valid until Feb 2028) — 2025

Industrial Electrical Technician (520 hours); **Construction Electrical Technician, Grade 1** (390 hours), Iran Technical and Vocational Training Organization (TVTO) — Renewed 2022

PLC Technician, Grade 2 (272 hours); **Setting Up Mini PLC LOGO** (60 hours), TVTO — Renewed 2022

Solar Panels Installation (100 hours), TVTO — Renewed 2022

Industrial Pneumatics Technician (410 hours); **Pneumatic Circuits Controller** (50 hours), TVTO — Renewed 2022

Computational and Optimization Training

Practical Optimization Modeling; **Machine Learning Using Optimization Techniques**, Udemy — 2024

Pyomo Bootcamp: Python Optimization from Beginner to Advance; **Power System Optimization in Pyomo (Part 1)**, Udemy — 2023

Specialized Technical Webinars

The Role of Frequency in Low-Inertia Power Systems; **Role of the Smart Grid in Facilitating the Integration of Renewables**, SMGRC — 2021

Microgrids Concepts and Control; **Renewable Energy and Energy Storage**; **Ambient Intelligence for Smart Living**; **Vision, Roadmap and Strategy of the Electricity Industry**, IEEE Iran Section — 2020

AC and DC Microgrid Control for Offshore Wind Applications, IEEE IA/IE/PELS Joint Chapter — 2020

Smart Grids for Smart Cities, SMGRC — 2020

Hardware-in-the-Loop for Grid-Tied Converters, IEEE IAS/PELS Student Branch Chapter, NUS / Typhoon HIL — 2020

Editorial and Peer Review Service

Editorial Boards

Associate Editor, *Sustainable Energy Control and Optimization* (Institute of Central Computation and Knowledge) — May 2025 – Present

Associate Editor, *American Journal of Electrical Power and Energy Systems* (Science Publishing Group) — Apr 2025 – Present

Editorial Board Member, *Energy Research Journal* (Science Publications) — Dec 2025 – Present

Editorial Board Member, *Smart Energy Systems* (Scilight Press) — Jun 2025 – Present

Reviewer for Journals (55 journals, grouped by publisher, alphabetical)

Elsevier

- Ain Shams Engineering Journal
- Alexandria Engineering Journal
- Applied Energy
- Electric Power Systems Research
- Energy
- Energy and Buildings
- Energy Conversion and Management: X
- Energy Nexus
- Energy Reports
- Energy Research & Social Science
- Energy Strategy Reviews
- Environmental and Sustainability Indicators
- Franklin Open
- Heliyon (Cell Press)
- International Journal of Electrical Power & Energy Systems
- ISA Transactions
- Journal of Energy Storage
- Next Energy
- Renewable and Sustainable Energy Reviews
- Resources, Conservation & Recycling
- Science of the Total Environment
- Solar Energy
- Strategic Business Research
- Sustainable Cities and Society
- Sustainable Cities and Society: Advances
- Sustainable Computing: Informatics and Systems
- Sustainable Energy Technologies and Assessments
- Sustainable Energy, Grids and Networks
- Sustainable Futures
- Unconventional Resources
- Utilities Policy

IEEE, IET, and Springer Nature

- IEEE Power Engineering Letters
- IEEE Systems Journal
- IET Renewable Power Generation
- Iranian Journal of Science and Technology, Transactions of Electrical Engineering (Springer)
- Operations Research Forum (Springer)
- Scientific Reports (Nature Portfolio)

Tech Science Press

- Computer Modeling in Engineering & Sciences
- Energy Engineering
- Frontiers in Heat and Mass Transfer
- Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería

Scilight Press

- Advances in Energy Conversion Management
- AI Engineering
- Renewable and Sustainable Energy Technology
- Sustainable Energy & Process Engineering
- Thermal Science and Applications
- Waste Management and Recycling Technology

Other Publishers

- American Journal of Electrical Power and Energy Systems (Science Publishing Group)
- Clean Energy Science and Technology
- Frontiers in Energy Research (Frontiers)
- Environmental Progress & Sustainable Energy (Wiley)
- International Journal of Energy Systems Planning and Optimization (Kermanshah Univ. of Technology)
- International Journal of Low-Carbon Technologies (Oxford University Press)
- Recent Advances in Electrical & Electronic Engineering (Bentham Science)
- Power, Control, and Data Processing Systems (PCDP) (Qom University of Technology)

Reviewer for Conferences

IEEE PES Grid Edge Technologies Conference & Exposition (2 reviews)	2027
IEEE Power & Energy Society General Meeting (PESGM) (24 reviews)	2026
IEEE Energy Conversion Congress & Expo (ECCE) (10 reviews)	2025, 2026
IEEE Canadian Conference on Electrical and Computer Engineering (CCECE) (19 reviews)	2025, 2026
International Conference on Electrical, Computer and Energy Technologies (ICECET), Paris and Rome	2025, 2026
IEEE Industrial Electronics Society Annual Conference (IECON) (3 reviews)	2024
2nd International Conference on Electrical and Computer Engineering Researches (ICECER)	2025

Languages

English – Fluent **Persian** – Native **Kurdish** – Limited working proficiency

Referees

Prof. Houshang Karimi
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