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**PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **6993** | **46** | **116** | **15** | **2** |
| Citations | h-Index | Article | Conference | Book |

***Articles***

**1.** Smart Microgrid Educational Laboratory: An Integrated Electric and Communications Infrastructures Platform. Abedini Moein, VAHABZADEH TALEB, Ahmadi S.-A., Karimi Mohammad hasan, Manoochehri Hamid, Nazeri Amir Hossein, Karami Mahyar, Arani Mohammadreza, Aminifar Farokh, Sanaye Pasand Majid (2022)., Scientia Iranica, 29(5).

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**4.** Electricity Market Assessment in Wind Energy Integrated Power Systems with the Potential of Flexibility: A Boundary Condition Approach. Gharibpour Hassan, Aminifar Farokh (2022)., Scientia Iranica, 0(0), 0-0.

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**6.** State-of-the-Art in Synchrophasor Measurement Technology Applications in Distribution Networks and Microgrids. Aminifar Farokh, Rahmatian Farnoosh, Shahidehpour Mohammad (2021)., IEEE Access, 9(1), 153875-153892.

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**35.** Optimal Reconfiguration of Distribution Network Using μPMU Measurements: a Data-Driven Stochastic Robust Optimization. Akrami Alireza, میثم دوستی زاده, Aminifar Farokh (2019)., IEEE Transactions on Smart Grid, -(-), 1-1.

**36.** An Adaptive Reclosing Scheme for Preserving Dynamic Security in Low-Inertia Microgrids. Teimourzadeh Saeed, Aminifar Farokh, Davarpanah Mahdi, Shahidehpour Mohammad (2019)., IEEE Transactions on Smart Grid, -(-), 1-1.

**37.** Incorporation of Controlled Islanding Scenarios and Complex Substations in Optimal WAMS Design. Ghamsari-Yazdel Mohammd, Esmaili Masoud, Aminifar Farokh, Gupta Paul, Pal Anamitra, Shayanfar Heidarali (2019)., IEEE TRANSACTIONS ON POWER SYSTEMS, -(-), 1-1.

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**48.** IoT-Enabled Humans in the Loop for Energy Management Systems: Promoting Building Occupants' Participation in Optimizing Energy Consumption. Bisadi Mona, Akrami Alireza, Teimourzadeh Saeed, Aminifar Farokh, Kargahi Mehdi, Shahidehpour Mohammad (2018)., IEEE Electrification Magazine, 6(2), 64-72.

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**51.** Adaptive Control of Microgrid Security. Teimourzadeh Saeed, Aminifar Farokh, Davarpanah Mahdi, Shahidehpour Mohammad (2018)., IEEE Transactions on Smart Grid, 1(1), 1-1.

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**53.** Toward a Consensus on the Definition and Taxonomy of Power System Resilience. Gholami Amin, Shekari Tohid, Amirioun M. Hassan, Aminifar Farokh, Amini M. Hadi, Sargolzaei Arman (2018)., IEEE Access, 6(1), 32035-32053.

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**58.** Hypothesis testing for privacy of smart meters with side information. Salehkalaibar Sadaf, Aminifar Farokh, Shahidehpour Mohammad (2017)., IEEE Transactions on Smart Grid, 1(1), 1.

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**63.** Application of WAMS and SCADA Data to Online Modeling of Series-Compensated Transmission Lines. Mousavi-seyedi Seyed Sina, Aminifar Farokh, Afsharnia Saeed (2017)., IEEE Transactions on Smart Grid, 8(4), 1968-1976.

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**84.** Parameter Estimation of Multiterminal Transmission Lines Using Joint PMU and SCADA Data. Mousavi-seyedi Seyed Sina, Aminifar Farokh, Afsharnia Saeed (2015)., IEEE TRANSACTIONS ON POWER DELIVERY, 30(3), 1077-1085.

**85.** Distribution Automation Strategies Challenges and Opportunities in a Changing Landscape. Madani Vahid, Das Ratan, Aminifar Farokh, Mcdonald John, Venkata S. S., Novosel Damir, Bose Anjan, Shahidehpour Mohammad (2015)., IEEE Transactions on Smart Grid, 0(0), 1-1.

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***Conferences***

**1.** Aggregative Game for Charging Coordination of PEVs in a Network of Parking Lots. Sadati savadkoohi Seyyed jafar, Kebriaei Hamed, Aminifar Farokh (2020)., 2019 Smart Grid Conference (SGC), 19-21 December, Tehran, Iran.

**2.** Deterministic Mean Field Game for Energy Management in a Utility with Many Users. Farzane Hesam, Kebriaei Hamed, Aminifar Farokh (2018)., 2018 Smart Grid Conference (SGC), 28-29 November, Shahrekord, Iran.

**3.** Wide-Area Load Shedding/Generation Rejection Approach for Inter-Area Oscillation Damping in Severe Disturbances. Teimourzadeh Saeed, Sanaye Pasand Majid, Aminifar Farokh, Seyyed Mohammad Hashemi (2017)., 7th International Conference on Advanced Power System Automation and Protection, 16-19 October.

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**11.** Optimal Parking Lot Placement Considering Operational and Security limitations Using COA. Shekari Tohid, Gholami Amin, Aminifar Farokh (2014)., Smart Grid Conference (SGC’14)‎, 9-10 December, Tehran, Iran.

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**13.** Optimal Operation of High Voltage Substations Considering the Short Circuit Level‎. Yousefi Hossein, میرزائی محمد, Aminifar Farokh (2014)., Power System Protection Conference (PSPC’14)‎, 15-16 January, Tehran, Iran.

**14.** Impacts of plug-in hybrid electric vehicle uncertainty and grid unavailability on home load management. Rastegar Mohammad, Safdarian Amir, Fotuhi-firuzabad Mahmud, Aminifar Farokh (2012)., INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, 29-30 November.

**15.** Probabilistic Home Load Controlling Considering Plug-in Hybrid Electric Vehicle Uncertainties. Rastegar Mohammad, Safdarian Amir, Fotuhi-firuzabad Mahmud, Aminifar Farokh (2012)., International Conference on Probabilistic Methods Applied to Power Systems, 11-14 June, İSTANBUL, Turkey.

**HONORS and AWARDS**

**• COMSTECH 2017 Best Young Researcher Award, Ministerial Standing Committee on Scientific and Technological Cooperation (COMSTECH) of the OIC (Organization of Islamic Cooperation)** 2019, Tehran, Iran

**Excellence in International Awards, 9th International Festival, University of Tehran, 2019** 2019, Tehran, Iran

**Top 1% Scientist** 2019, Tehran, Iran

**Outstanding Reviewer, International Journal of Electrical Power and Energy Systems** 2018, Tehran, Iran

**Best Book Award, Salman Farsi Conference, Tehran, 2017** 2017, Tehran, Iran

**• Best Book Award, Iranian 32nd Power System Conference (PSC), Tehran, 2017** 2017, Tehran, Iran

**Excellence in International Editorial Activities** 2017, Tehran, Iran

**• Outstanding Young Scientist in Electrical and Computer Engineering** 2017, Tehran, Iran

**• Publication of the Fifth Rank Most Popular Article of IEEE Transactions on Smart Grid** 2016, Tehran, Iran

**• Publication of the Most Popular Article of IEEE Electrification Magazine** 2016, Tehran, Iran

**• Exceptional Reviewer, IEEE Transactions on Power Delivery, 2015** 2016, Tehran, Iran

**IEEE Young Investigator Award** 2015, Tehran, Iran

**Senior Member Grade Elevation** 2015, Tehran, Iran

**EEE/PSO Transactions Prize Paper Award** 2014, Tehran, Iran

**ACADEMIC POSITIONS**

**Committee Member, Reliability, Risk, and Probability Applications (RRPA) Subcommittee, Power System Analysis, Computing and Economics (PSACE) Committee, IEEE Power & Energy Society**
 2013-Present
**Committee Member, Transmission Security (TS) Subcommittee, Power System Operation (PSO) Committee, IEEE Power & Energy Society**
 2013-Present
**Proctor to guide and oversee competing teams for the IEEEXtreme 10.0**
 2016-Present
**IEEE Iran Section, Promotion Committee Chair**
 2019-Present

**COURSES OFFERED**

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**LABORATORIES**