Seyed Abbas taher

Professor

College: Faculty of Electrical and Computer Engineering

Department: Electrical Engineering - Power

Education

Degree	Graduated in	Major	University
BSc	1989	Electrical Engineering-Power Systems	Amirkabir University of Technology
MSc	1992	Electrical Engineering-Power Systems	Tarbiat Modares University
Ph.D	1998	Electrical Engineering-Power Systems	Tarbiat Modares University

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
University of Kashan	Full Professor	Tenured	Full Time	31

Work Experience

ADIMINISTRATIVE FUNCTIONS (ACADEMICS)

1. Head of Electrical Engineering Department at the University of Kashan.
2. Vice-dean of Engineering Faculty at the University of Kashan.
3. University Education Manager at the University of Kashan.
4. Dean of Faculty of Engineering at the University of Kashan.
5. Dean of Faculty of Electrical and Computer Engineering at the University of Kashan

PROFESSIONAL SOCIETY MEMBERSHIPS

1. Senior Member IEEE and its affiliate Societies of Power and Energy.
2. Member of Control and Instrumentation Society of Iran.

Papers in Conferences

1. Zahra Dehghani Arani,Josep M. Guerrero ,Imbalance Power Sharing Improvement in Autonomous Microgrids Consisting of Grid-Feeding and Grid-Supporting Inverters ,7th Iran Wind Energy Conference (IWEC2021) ,1 - 17 05 2021, شاهرود .
2. Seyed Mohammd Taher, Abolfazl Halvaei Niasar, Seyed Abbas Taher ,A New MPC-based Approach for Torque Ripple Reduction in BLDC Motor Drive ,IEEE - 2021 12th Power Electronics, Drive Systems, and Technologies Conference (PEDSTC) ,Tabriz ,2021 2 2.
3. Seyed Mohammad Taher, Seyed Abbas Taher, Zahra Dehghani Arani, Mohsen Rahimi ,A New Approach for Low Voltage Ride Through Enhancement in Grid-Connected Wind Farms ,IEEE - 2020 10th Smart Grid Conference (SGC) ,Kashan ,2020 12 16.
4. Mitra Nabian Dehaghani, Seyed Abbas Taher, Zahra Dehghani Arani ,Distributed Secondary Voltage and Current Control Scheme with Noise Nullification Ability for DC Microgrids ,IEEE - 2020 10th Smart Grid Conference (SGC) ,Kashan ,2020 12 16.

Papers in Journals

1. سید عباس طاهر,زهرا دهقانی آرانی,Josep M. Guerrero,Low-voltage ride-through capability improvement in autonomous AC microgrids: A review of existing control approaches,Renewable and Sustainable Energy Reviews,Vol. 217,pp. 1,2025 05 06,JCR ,SCOPUS.
2. سید عباس طاهر,زهرا دهقانی آرانی,Josep M. Guerrero,Low-voltage ride-through capability improvement in autonomous AC microgrids: A review of existing control approaches,Renewable and Sustainable Energy Reviews,Vol. 217,pp. 1,2025 04 15,JCR ,SCOPUS.
3. سیدمحمد طاهر,محسن حمزه,سید عباس طاهر,زهرا دهقانی آرانی,Application of Imitated Frequency Droop Technique and Predictive Control for Power Sharing in DC Microgrid Comprising SMES and PV Systems,Electric Power Systems Research,2024 11 22,SCOPUS ,JCR.
4. سید عباس طاهر,سیدمهدی کلوشانی,Enhancing Distance Protection in Transmission Grids with High Penetration of Renewable Energy Sources through Cooperative Protection,IET Generation, Transmission & Distribution,Vol. 18,pp. 3462,2024 11 01,SCOPUS ,JCR.
5. سید عباس طاهر,سیدمهدی کلوشانی,Enhancing Distance Protection in Transmission Grids with High Penetration of Renewable Energy Sources through Cooperative Protection,IET Generation, Transmission & Distribution,Vol. 18,pp. 3462,2024 10 21,SCOPUS ,JCR.
6. علی اخوان,سید عباس طاهر,پریسا سرافرازی,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,Vol. 1,pp. 1,2024 09 25,SCOPUS ,JCR.
7. علی اخوان,سید عباس طاهر,پریسا سرافرازی,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 09 18,SCOPUS ,JCR.
8. پریسا سرافرازی,سید عباس طاهر,علی اخوان,طراحی کنترل‌کننده پسگام بهینه برای کنترل فیلتر اکتیو موازی به منظور جبران هارمونیک با استفاده از الگوریتم بهینه‌ساز نهنگ,مجله علمی محاسبات نرم,2024 09 16,ISC.

9. پریسا سرافرازی,سید عباس طاهر,علی اخوان,طراحی کنترل‌کننده پسگام بهینه برای کنترل فیلتر اکتیو موازی به منظور جبران هارمونیک با استفاده از الگوریتم بهینه‌ساز نهنگ,مجله علمی محاسبات نرم,2024 09 16,ISC.
10. پریسا سرافرازی,سید عباس طاهر,علی اخوان,طراحی کنترل‌کننده پسگام بهینه برای کنترل فیلتر اکتیو موازی به منظور جبران هارمونیک با استفاده از الگوریتم بهینه‌ساز نهنگ,مجله علمی محاسبات نرم,2024 09 16,ISC.
11. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
12. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
13. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
14. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
15. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
16. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
17. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
18. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
19. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
20. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
21. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
22. پریسا سرافرازی,سید عباس طاهر,علی اخوان,A Robust Backstepping Controller Based on Nonlinear Observer for Shunt Active Filters to Improve Power Quality in Four-Wire Distribution Systems,Jordan Journal of Electrical Engineering,2024 08 19,SCOPUS ,ISI-Listed.
23. سیدمهدی کلوشانی,سید عباس طاهر,A new virtual consensus-based wide area differential protection,IET Generation, Transmission & Distribution,Vol. 18,pp. 1906,2024 05 30,SCOPUS ,JCR.
24. سیدمهدی کلوشانی,سید عباس طاهر,A new virtual consensus-based wide area differential protection,IET Generation, Transmission & Distribution,Vol. 18,pp. 1906,2024 04 22,SCOPUS ,JCR.
25. حسین ماهوش,سید عباس طاهر,Josep M. Guerrero,Modified Backstepping Control for Cyber Security Enhancement of a Wind Farm Based DFIG Against False Data Injection, Hijack and Denial of Service Cyber attacks,Electric Power Systems Research,Vol. 231,pp. 1,2024 04 04,SCOPUS ,JCR.
26. حسین ماهوش,سید عباس طاهر,Josep M. Guerrero,Detecting and mitigating cyber-attacks in AC microgrid composed of marine current turbine DFIGs to improve energy management system,e-Prime - Advances in Electrical Engineering, Electronics and Energy,Vol. 7,pp. 1,2024 03 19,SCOPUS ,JCR.

27. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,Detecting and mitigating cyber-attacks in AC microgrid composed of marine current turbine DFIGs to improve energy management system,e-Prime - Advances in Electrical Engineering, Electronics and Energy,Vol. 7,pp. 1,2024 03 19,SCOPUS ,JCR.
28. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,Detecting and mitigating cyber-attacks in AC microgrid composed of marine current turbine DFIGs to improve energy management system,e-Prime - Advances in Electrical Engineering, Electronics and Energy,Vol. 7,pp. 1,2024 03 19,SCOPUS ,JCR.
29. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,A New Nonlinear Virtual Inertia Approach to Mitigate Destructive Effects of Cyber Attacks on Active Power and Rotor Speed Profiles of Wind Turbine DFIG Sustainable Energy Production,Smart Grids and Sustainable Energy,Vol. 9,pp. 1,2024 03 06,SCOPUS ,JCR.
30. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,A New Nonlinear Virtual Inertia Approach to Mitigate Destructive Effects of Cyber Attacks on Active Power and Rotor Speed Profiles of Wind Turbine DFIG Sustainable Energy Production,Smart Grids and Sustainable Energy,Vol. 9,pp. 1,2024 03 06,SCOPUS.
31. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,A New Nonlinear Virtual Inertia Approach to Mitigate Destructive Effects of Cyber Attacks on Active Power and Rotor Speed Profiles of Wind Turbine DFIG Sustainable Energy Production,Smart Grids and Sustainable Energy,Vol. 9,pp. 1,2024 03 06,JCR ,SCOPUS.
32. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,A New Nonlinear Virtual Inertia Approach to Mitigate Destructive Effects of Cyber Attacks on Active Power and Rotor Speed Profiles of Wind Turbine DFIG Sustainable Energy Production,Smart Grids and Sustainable Energy,Vol. 9,pp. 1,2024 03 06,SCOPUS ,JCR.
33. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Augmented Virtual Impedance-Based Fault Ride Through of Islanded Microgrids Under Harmonic and Unbalanced Conditions,International Journal of Electrical Power & Energy Systems,Vol. 157,pp. 1,2024 02 10,SCOPUS ,JCR.
34. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Augmented Virtual Impedance-Based Fault Ride Through of Islanded Microgrids Under Harmonic and Unbalanced Conditions,International Journal of Electrical Power & Energy Systems,Vol. 157,pp. 1,2024 02 10,SCOPUS ,JCR.
35. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Augmented Virtual Impedance-Based Fault Ride Through of Islanded Microgrids Under Harmonic and Unbalanced Conditions,International Journal of Electrical Power & Energy Systems,Vol. 157,pp. 1,2024 02 10,SCOPUS ,JCR.
36. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,Mitigation of severe false data injection attacks (FDIAs) in marine current turbine (MCT) type 4 synchronous generator renewable energy using promoted backstepping method,Renewable Energy,Vol. 222,pp. 1,2024 02 01,SCOPUS ,JCR.
37. سید عباس طاهر,حسین ماهوش,Josep M. Guerrero,Mitigation of severe false data injection attacks (FDIAs) in marine current turbine (MCT) type 4 synchronous generator renewable energy using promoted backstepping method,Renewable Energy,Vol. 222,pp. 1,2024 02 01,SCOPUS ,JCR.
38. سید عباس طاهر,زهرا دهقانی آرانی,Josep M. Guerrero,Low-Voltage Survivability of Islanded Microgrids with Mixture of Single-Phase and Three-Phase DGs under Harmonic Conditions,IEEE Transactions on Sustainable Energy,2023 11 03,SCOPUS ,JCR.
39. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Low-Voltage Survivability of Islanded Microgrids with Mixture of Single-Phase and Three-Phase DGs under Harmonic Conditions,IEEE Transactions on Sustainable Energy,2023 11 03,SCOPUS ,JCR.
40. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Low-Voltage Survivability of Islanded Microgrids with Mixture of Single-Phase and Three-Phase DGs under Harmonic Conditions,IEEE Transactions on Sustainable Energy,2023 11 03,SCOPUS ,JCR.
41. سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Low-Voltage Survivability of Islanded Microgrids with Mixture of Single-Phase and Three-Phase DGs under Harmonic Conditions,IEEE Transactions on Sustainable Energy,2023 11 03,SCOPUS ,JCR.
42. سید عباس طاهر,سیدمهدی کلوشانی,Dynamic wide-area cooperative protection: A new approach,IET

Generation, Transmission and Distribution,2023 10 19,SCOPUS ,JCR.
43. سیدمهدی کلوشانی,سید عباس طاهر,Dynamic wide-area cooperative protection: A new approach,IET Generation, Transmission and Distribution,2023 10 19,SCOPUS ,JCR.
44. امیرحسین جعفری ازاد,سید عباس طاهر,زهرا دهقانی ارانی,محمدحسین کریمی,Josep M. Guerrero,Adaptive Supplementary Control of VSG Based on Virtual Impedance for Current Limiting in Grid-Connected and Islanded Microgrids,IEEE Transactions on Smart Grid,2023 05 09,SCOPUS ,JCR.
45. امیرحسین جعفری ازاد,سید عباس طاهر,زهرا دهقانی ارانی,محمدحسین کریمی,Josep M. Guerrero,Adaptive Supplementary Control of VSG Based on Virtual Impedance for Current Limiting in Grid-Connected and Islanded Microgrids,IEEE Transactions on Smart Grid,Vol. 1,pp. 1,2023 05 09,SCOPUS ,JCR.
46. امیرحسین جعفری ازاد,سید عباس طاهر,زهرا دهقانی ارانی,محمدحسین کریمی,Josep M. Guerrero,Adaptive Supplementary Control of VSG Based on Virtual Impedance for Current Limiting in Grid-Connected and Islanded Microgrids,IEEE Transactions on Smart Grid,Vol. 1,pp. 1,2023 05 09,SCOPUS ,JCR.
47. امیرحسین جعفری ازاد,سید عباس طاهر,زهرا دهقانی ارانی,محمدحسین کریمی,Josep M. Guerrero,Adaptive Supplementary Control of VSG Based on Virtual Impedance for Current Limiting in Grid-Connected and Islanded Microgrids,IEEE Transactions on Smart Grid,2023 05 09,SCOPUS ,JCR.
48. امیرحسین جعفری ازاد,سید عباس طاهر,زهرا دهقانی ارانی,محمدحسین کریمی,Josep M. Guerrero,Adaptive Supplementary Control of VSG Based on Virtual Impedance for Current Limiting in Grid-Connected and Islanded Microgrids,IEEE Transactions on Smart Grid,2023 05 09,SCOPUS ,JCR.
49. سیدمحمد طاهر,سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Precise current sharing and decentralized power management schemes based on virtual frequency droop method for LVDC microgrids,International Journal of Electrical Power and Energy Systems,Vol. 136,pp. 1,2022 03 31,JCR.
50. سیدمحمد طاهر,سید عباس طاهر,زهرا دهقانی ارانی,Josep M. Guerrero,Precise current sharing and decentralized power management schemes based on virtual frequency droop method for LVDC microgrids,International Journal of Electrical Power and Energy Systems,Vol. 136,pp. 1,2022 03 31,JCR.
51. محمدحسین کریمی,سید عباس طاهر,Josep M. Guerrero,Independent predictive control with current limiting capability of three-phase four-leg inverter-interfaced isolated microgrids,INT J ELEC POWER,Vol. 134,pp. 1,2022 01 31,JCR.
52. محمد فرشادنیا,سید عباس طاهر,Current-based direct power control of a DFIG under unbalanced grid voltage,International Journal of Electrical Power & Energy Systems,Vol. 62,pp. 571,2014 11 01,SCOPUS ,JCR.
53. محمد فرشادنیا,سید عباس طاهر,Current-based direct power control of a DFIG under unbalanced grid voltage,International Journal of Electrical Power & Energy Systems,Vol. 62,pp. 571,2014 11 01,SCOPUS ,JCR.
54. محمد فرشادنیا,سید عباس طاهر,Current-based direct power control of a DFIG under unbalanced grid voltage,International Journal of Electrical Power & Energy Systems,Vol. 62,pp. 571,2014 11 01,SCOPUS ,JCR.
55. محمد فرشادنیا,سید عباس طاهر,Current-based direct power control of a DFIG under unbalanced grid voltage,International Journal of Electrical Power & Energy Systems,Vol. 62,pp. 571,2014 11 01,SCOPUS ,JCR.
56. سید عباس طاهر,مجتبی پاکدل,Solution of multi-objective optimal reactive power dispatch using pareto optimality particle swarm optimization method,Journal of IA and Data Mining,Vol. 4,pp. 1,2014 01 11,SCOPUS ,ISC.
57. سید عباس طاهر,صابر فلاحتی علی آبادی,مسعود حاجی اکبری فینی,Fractional order PID controller design for LFC in electric power systems using imperialist competitive algorithm,Ain Shams Engineering Journal-ELECTRICAL ENGINEERING,Vol. 5,pp. 121,2014 01 11,SCOPUS.
58. سید عباس طاهر,رضا باقرپور,A new approach for optimal capacitor placement and sizing in unbalanced distorted distribution systems using hybrid honey bee colony algorithm,International Journal of Electrical Power & Energy Systems,Vol. 49,pp. 430,2013 05 15,SCOPUS.
59. سید عباس طاهر,رضا باقرپور,A new approach for optimal capacitor placement and sizing in unbalanced distorted distribution systems using hybrid honey bee colony algorithm,International Journal of

Electrical Power & Energy Systems,Vol. 49,pp. 430,2013 05 15,SCOPUS.

60. سید عباس طاهر,محمد فرشادنیا,محمدرضا مزدیان فرد,Optimal gain scheduling controller design of a pitch-controlled VS-WECS using DE optimization algorithm,Applied Soft Computing,Vol. 13,pp. 2215,2013 01 26,SCOPUS ,JCR.

61. سید عباس طاهر,رضا همتی,علی عبدلعلی پور,شهاب الدین اکبری,Comparison of different robust control methods in design of decentralized UPFC controllers,International Journal of Electrical Power and Energy Systems,Vol. 43,pp. 173,2012 06 18,SCOPUS ,JCR.

62. سید عباس طاهر,محمدکریم عموشاهی فروشانی,New approach for optimal UPFC placement using hybrid immune algorithm in electric power systems,International Journal of Electrical Power & Energy Systems,Vol. 43,pp. 899,2012 06 15,SCOPUS ,JCR.

63. سید عباس طاهر,محمدکریم عموشاهی فروشانی,Optimal placement of UPFC in power systems using immune algorithm,Simulation Modelling Practice and Theory,Vol. 19,pp. 1399,2011 05 01,SCOPUS ,JCR.

64. سید عباس طاهر,علی کریمیان,محمد حسنی,A new method for optimal location and sizing of capacitors in distorted distribution networks using PSO algorithm,Simulation Modelling Practice and Theory,Vol. 19,pp. 662,2011 02 01,SCOPUS ,JCR.

65. سید عباس طاهر,محمد حسنی,علی کریمیان,A novel method for optimal capacitor placement and sizing in distribution systems with nonlinear loads and DG using GA,Communications in Nonlinear Science and Numerical Simulation,Vol. 16,pp. 851,2010 05 25,SCOPUS ,JCR.

66. هادی بشارت,سید عباس طاهر,Congestion management by determining optimal location of TCSC in deregulated power systems,International Journal of Electrical Power & Energy Systems,Vol. 30,pp. 563,2008 12 31,SCOPUS ,JCR.

67. Seyed Mohammad Taher, Seyed Abbas Taher, Zahra Dehghani Arani, Josep M Guerrero,Precise current sharing and decentralized power management schemes based on virtual frequency droop method for LVDC microgrids,Elsevier - International Journal of Electrical Power & Energy Systems,2022 3 1.

68. Mohammad Hossein Karimi, Seyed Abbas Taher, Josep M Guerrero,Independent predictive control with current limiting capability of three-phase four-leg inverter-interfaced isolated microgrids,Elsevier - International Journal of Electrical Power & Energy Systems,2022 1 1.

69. Saber Falahati Aliabadi, Seyed Abbas Taher,Load Frequency Control by using of Fuzzy-PID controller with Optimized Membership Functions,University of Kashan - Soft Computing Journal,2021 9 1.

70. Saber Falahati, Seyed Abbas Taher,AVR System Controlling Using Fuzzy-PID Controller with Optimized Membership Functions,University of Kashan - Computational Intelligence in Electrical Engineering,2021 7 4.

71. Yaser Toghani Holari, Seyed Abbas Taher, Majid Mehrasa,Power management using robust control strategy in hybrid microgrid for both grid-connected and islanding modes,Elsevier - Journal of Energy Storage,2021 7 1.

72. Mitra Nabian Dehaghani, Seyed Abbas Taher, Zahra Dehghani Arani,An efficient power sharing approach in islanded hybrid AC/DC microgrid based on cooperative secondary control,Wiley - International Transactions on Electrical Energy Systems,2021 6 1.

73. Seyed Abbas Taher, Mehdi Zeraati,Optimization of PID Controller Parameters for Load Frequency Controller Using Imperialist Competitive Algorithm,University of Kashan - Soft Computing Journal,2021 5 23.

74. Reza Ghasemi, Hamid Reza Mohammadi, Seyed Abbas Taher,Frequency Control of an Islanded Microgrid based on Intelligent Control of Demand Response using Fuzzy Logic and Particle Swarm Optimization (PSO) Algorithm,University of Kashan - Soft Computing Journal,2021 5 23.

75. Seyed Abbas Taher, Saeid Fatemi, Omid Honarfar,Optimal Reconfiguration of Distribution Network for Power Loss Reduction and Reliability Improvement Using Bat Algorithm,University of Kashan - Soft Computing Journal,2021 5 23.

76. Seyed Abbas Taher, Mehdi Heidarian, Ehsan Hamnashin,Solving the Unit Commitment Problem Using Modified Imperialistic Competition Algorithm,University of Kashan - Soft Computing Journal,2021 5 23.
77. Masoumeh Seyedi, Seyed Abbas Taher, Babak Ganji, Josep Guerrero,A Hybrid Islanding Detection Method Based on the Rates of Changes in Voltage and Active Power for the Multi-Inverter Systems,IEEE Transactions on Smart Grid,2021 3 1.
78. Seyed Mohammad Taher, Seyed Abbas Taher, Zahra Dehghani Arani, Josep M Guerrero,Fractional order PI control combined with improved frequency droop method for power management in standalone LVDC microgrids,Wiley - International Transactions on Electrical Energy Systems,2021 11 1.
79. Mohsen Rezaei Adaryani, Seyed Abbas Taher, Josep M Guerrero,Improved direct model predictive control for variable magnitude variable frequency wave energy converter connected to constant power load,Elsevier - Journal of Energy Storage,2021 11 1.
80. Amir Mohammad Entekhabi , Nooshabadi, Hamed Hashemi , Dezaki, Seyed Abbas Taher,Optimal microgrid’s protection coordination considering N-1 contingency and optimum relay characteristics,Elsevier - Applied Soft Computing,2021 1 1.