

Selezione di articoli pubblicati su riviste internazionali

Si riporta nel seguito una selezione di articoli pubblicati su riviste internazionali.

1. Intisar A. Sajjad ; Matteo Manganelli ; Luigi Martirano, Roberto Napoli, Gianfranco Chicco, Giuseppe Parise (2018) Net-Metering Benefits for Residential Customers: The Economic Advantages of a Proposed User-Centric Model in Italy, IEEE Industry Applications Magazine, Year: 2018, Volume: 24, n. 4, pp. 39 - 49
2. Intisar A. Sajjad, Gianfranco Chicco, Roberto Napoli (2016), Definitions of Demand Flexibility for Aggregate Residential Loads, IEEE TRANSACTIONS ON SMART GRID (ISSN 1949-3053), Vol. 7 n. 7, pp 2633-2643
3. Enrico Pons, Pietro Colella, Riccardo Tommasini, Roberto Napoli, Pasquale Montegiglio, Giuseppe Cafaro, Francesco Torelli (2015), Global Earthing System: Can Buried Metallic Structures Significantly Modify the Ground Potential Profile? IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol. 51 n. 6, pp. 5237-5246. - ISSN 0093-9994
4. Enrico Pons, Pietro Colella, Roberto Napoli, Riccardo Tommasini (2015), Impact of MV Ground Fault Current Distribution on Global Earthing Systems. IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol. 51 n. 6, pp. 4961-4968. - ISSN 0093-9994
5. Intisar Ali Sajjad, Gianfranco Chicco, Roberto Napoli (2015), Probabilistic generation of time-coupled aggregate residential demand patterns. IET GENERATION, TRANSMISSION & DISTRIBUTION, vol. 9 n. No. 9, pp. 789-797. - ISSN 1751-8687
6. Xie N.; Bompard E.; Napoli R.; Torelli F. (2012) , WIDELY CONVERGENT METHOD FOR FINDING SOLUTIONS OF SIMULTANEOUS NONLINEAR EQUATIONS. ELECTRIC POWER SYSTEMS RESEARCH, vol. 83 n. 1, pp. 9-18. - ISSN 0378-7796
7. Bompard E.F.; Ma Y.C; Napoli R; Gross G; Guler T (2010), A COMPARATIVE ANALYSIS OF GAME THEORY MODELS FOR ASSESSING THE PERFORMANCES OF NETWORK CONSTRAINED ELECTRICITY MARKETS. In: IET GENERATION, TRANSMISSION & DISTRIBUTION, vol. 4 n. 3, pp. 386-399. - ISSN 1751-8687
8. Bompard E.F.; Napoli R; Wan B; Xie N (2010), A COMPREHENSIVE MODEL OF VIRTUAL COMPETITION IN DISTRIBUTION ENERGY SYSTEMS. EUROPEAN TRANSACTIONS ON ELECTRICAL POWER. - ISSN 1430-144X
9. Bompard E., Napoli R., Xue F. (2010), Extended topological approach for the assessment of structural vulnerability in transmission networks. IET GENERATION, TRANSMISSION & DISTRIBUTION, vol. 4 n. 6, pp. 716-724. - ISSN 1751-8687
10. Bompard E., Napoli R., Xue F. (2009), Analysis of structural vulnerabilities in power transmission grids. INTERNATIONAL JOURNAL OF CRITICAL INFRASTRUCTURE PROTECTION, vol. 2 n. 1-2, pp. 5-12. - ISSN 1874-5482
11. Bompard E.; Napoli R.; Xue F. (2009), Assessment of information impacts in power system security against malicious attacks in a general framework. RELIABILITY ENGINEERING & SYSTEM SAFETY, vol. 94, pp. 1087-1094. - ISSN 0951-8320

12. Bompard E.F.; Gao C; Napoli R; Russo A; Masera M; Stefanini A (2009), RISK ASSESSMENT OF MALICIOUS ATTACKS AGAINST POWER SYSTEMS. IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART A-SYSTEMS AND HUMANS, vol. 39 n. 5, pp. 1074-1085. - ISSN 1083-4427
13. Bompard E.; Carpaneto E.; Gao C.; Napoli .R; Demartini G.; Vimercati G. (2009), The assessment of the impacts of the security management in a competitive environment. EUROPEAN TRANSACTIONS ON ELECTRICAL POWER, vol. 19 n. 5, pp. 655-668. - ISSN 1430-144X
14. Bompard E.F.; Napoli R.; Wan B. (2009), The effect of the programs for demand response incentives in competitive electricity markets. EUROPEAN TRANSACTIONS ON ELECTRICAL POWER, vol. 19, pp. 127-139. - ISSN 1430-144X
15. Bompard E.F.; Gao C; Napoli R; Wan Q; Zhou J (2008), Bidding strategy with forecast technology based on support vector machine in electricity market. PHYSICA A, vol. 387 (15), pp. 3874-3881. - ISSN 0378-4371
16. Bompard E.F.; Napoli R; Orsello G; Roiu D; Tenconi A; Wan B (2008), Technical considerations of SOFCs for mixed DG/backup power applications. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol. 33 n. 22, pp. 6743-6748. - ISSN 0360-3199
17. Bompard E.F.; Napoli R; Xue F (2008), Vulnerability of interconnected power systems to malicious attacks under limited information. EUROPEAN TRANSACTIONS ON ELECTRICAL POWER, vol. 18 (8), pp. 820-834. - ISSN 1430-144X
18. Bompard E.; Carpaneto E.; Ciwey G.; Napoli R.; Benini M.; Gallanti M.; Migliavacca G. (2008), A game theory simulator for assessing the performances of competitive electricity markets. ELECTRIC POWER SYSTEMS RESEARCH, vol. 78 n. 2, pp. 217-227. - ISSN 0378-7796
19. Bompard E.F.; Ma Y; Napoli R; Abrate G (2007), The Demand Elasticity Impacts on the Strategic Bidding Behavior of the Electricity Producers. IEEE TRANSACTIONS ON POWER SYSTEMS, vol. Vol. 22 (1), pp. 188-197. - ISSN 0885-8950
20. Bompard E.F.; C. Gao; R. Napoli; F. Torelli (2007), Dynamic price forecast in competitive electricity market. IET GENERATION, TRANSMISSION & DISTRIBUTION, vol. 1, pp. 776-783. - ISSN 1751-8687
21. L. Wene; E. Bompard; Napoli R.; X. Jiang (2007), Heuristic Procedures for Transmission Planning in Competitive Electricity Markets. ELECTRIC POWER SYSTEMS RESEARCH, vol. 77, pp. 1337-1348. - ISSN 0378-7796
22. Bompard E.F.; Y. Ma; R. Napoli; G. Abrate; E. Ragazzi (2007), The Impacts of Price Responsiveness on Strategic Equilibrium in Competitive Electricity Markets. INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol. 29, pp. 397-407. - ISSN 0142-0615
23. Bompard E.F.; R. Napoli; G. Abrate; B. Wan (2007), Multi-Agent Models for Consumer Choice and Retailer Strategies in the Competitive Electricity Market. INTERNATIONAL JOURNAL OF EMERGING ELECTRIC POWER SYSTEMS, vol. 8, pp. 1-7. - ISSN 1553-779X
24. Bompard E.F.; Ma Y; Napoli R; Jiang C (2006), Assessing the market power due to the network constraints in competitive electricity markets. ELECTRIC POWER SYSTEMS RESEARCH, vol. 76, pp. 953-961. - ISSN 0378-7796
25. Chicco G; Napoli R.; Piglion F (2006), Comparisons among clustering techniques for electricity customer classification. IEEE TRANSACTIONS ON POWER SYSTEMS, vol. 21 n. 2, pp. 933-940. - ISSN 0885-8950

26. E. Carpaneto; G. Chicco; R. Napoli; M. Scutariu (2006), Electricity customer classification using frequency-domain load pattern data. INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol. 28, No. 1, January 2006, pp. 13-20. - ISSN 0142-0615
27. Bompard E.F.; Lu W; Napoli R (2006), Network Constraints Impacts on the Competitive Electricity Markets under Supply Side Strategic Bidding. IEEE TRANSACTIONS ON POWER SYSTEMS, vol. 21, pp. 160-170. - ISSN 0885-8950
28. G. Chicco; R. Napoli; F. Piglion; P. Postolache; M. Scutariu; C. Toader (2005), Emergent electricity customer classification. IEE PROCEEDINGS. GENERATION, TRANSMISSION AND DISTRIBUTION, vol. 152 n. 2, pp. 164-172. - ISSN 1350-2360
29. G. Chicco; R. Napoli; F. Piglion; M. Scutariu; P. Postolache; C. Toader (2004), Load pattern-based classification of electricity customers. IEEE TRANSACTIONS ON POWER SYSTEMS, vol. 19 n. 2, pp. 1232-1239. - ISSN 0885-8950
30. G. Chicco; R. Napoli; P. Postolache; M. Scutariu; C. Toader (2003), Customer Characterization Options for Improving the Tariff Offer. IEEE TRANSACTIONS ON POWER SYSTEMS, vol. 18 n. 1, pp. 381-387. - ISSN 0885-8950
31. Bompard E.F.; Carpaneto E; Chicco G; Napoli R (2000), Convergence of the backward/forward sweep method for the load-flow analysis of radial distribution systems. INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol. 22 (7), pp. 521-530. - ISSN 0142-0615
32. Bompard E.; Carpaneto E.; Chicco G.; Napoli R. (1998), Worst-load-increase direction method for fast identification of voltage-weakness indicators. IEE PROCEEDINGS. GENERATION, TRANSMISSION AND DISTRIBUTION, vol. 145, No.1, pp. 27-32. - ISSN 1350-2360
33. Bompard E.F.; Carpaneto E; Chicco G; Napoli R (1997), Evaluation of the critical load increase direction in voltage collapse studies. IEE PROCEEDINGS. GENERATION, TRANSMISSION AND DISTRIBUTION, vol. 43, pp. 61-67. - ISSN 1350-2360
34. Bompard E.; Carpaneto E.; Chicco G.; Napoli R. (1996), A dynamic interpretation of the load-flow Jacobian singularity for voltage stability analysis. INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol. 18 n. 6, pp. 385-395. - ISSN 0142-0615
35. Michele Brucoli, Francesco Torelli, Roberto Napoli (1985), Quadratic probabilistic load flow with linearly modelled dispatch, INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, Vol. 7, No. 3, July 1985, pp. 138-146.
36. Michele Brucoli, Roberto Napoli, Francesco Torelli, Michele Trovato (1984), A practical method for simplifying the dynamic stability analysis of interconnected power systems. ELECTRIC POWER SYSTEMS RESEARCH, Vol. 7, No. 4, September 1984, pp. 297-306.