

Hossein Seifi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/567893/publications.pdf>

Version: 2024-02-01

53
papers

1,666
citations

361413

20
h-index

289244

40
g-index

53
all docs

53
docs citations

53
times ranked

1418
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Decision making of a virtual power plant under uncertainties for bidding in a day-ahead market using point estimate method. International Journal of Electrical Power and Energy Systems, 2013, 44, 88-98. | 5.5 | 189 |
| 2 | A Stochastic-Based Decision-Making Framework for an Electricity Retailer: Time-of-Use Pricing and Electricity Portfolio Optimization. IEEE Transactions on Power Systems, 2011, 26, 1808-1816. | 6.5 | 163 |
| 3 | Electric Power System Planning. Power Systems, 2011, , . | 0.5 | 160 |
| 4 | A Dynamic Approach for Distribution System Planning Considering Distributed Generation. IEEE Transactions on Power Delivery, 2012, 27, 1313-1322. | 4.3 | 155 |
| 5 | Optimal selling price and energy procurement strategies for a retailer in an electricity market. Electric Power Systems Research, 2009, 79, 246-254. | 3.6 | 120 |
| 6 | Maximum Penetration Level of Micro-Grids in Large-Scale Power Systems: Frequency Stability Viewpoint. IEEE Transactions on Power Systems, 2016, 31, 5163-5171. | 6.5 | 79 |
| 7 | A Multiyear Security Constrained Hybrid Generation-Transmission Expansion Planning Algorithm Including Fuel Supply Costs. IEEE Transactions on Power Systems, 2009, 24, 1609-1618. | 6.5 | 65 |
| 8 | Gaming Analysis in Joint Energy and Spinning Reserve Markets. IEEE Transactions on Power Systems, 2007, 22, 2074-2085. | 6.5 | 64 |
| 9 | Genetic based algorithm for active power filter allocation and sizing. Electric Power Systems Research, 2004, 71, 41-49. | 3.6 | 55 |
| 10 | A Graph Theory-Based Approach to Detect False Data Injection Attacks in Power System AC State Estimation. IEEE Transactions on Industrial Informatics, 2021, 17, 2465-2475. | 11.3 | 48 |
| 11 | Two-stage approach for optimal dispatch of distributed energy resources in distribution networks considering virtual power plant concept. International Transactions on Electrical Energy Systems, 2014, 24, 43-63. | 1.9 | 42 |
| 12 | Dynamic equivalencing of an active distribution network for large-scale power system frequency stability studies. IET Generation, Transmission and Distribution, 2015, 9, 2245-2254. | 2.5 | 37 |
| 13 | On the self-scheduling of a power producer in uncertain trading environments. Electric Power Systems Research, 2008, 78, 311-317. | 3.6 | 33 |
| 14 | New approach to gas network modeling in unit commitment. Energy, 2011, 36, 6243-6250. | 8.8 | 28 |
| 15 | Optimal retailer bidding in a DA market – a new method considering risk and demand elasticity. Energy, 2011, 36, 1332-1339. | 8.8 | 28 |
| 16 | Power System Frequency Security Index Considering All Aspects of Frequency Profile. IEEE Transactions on Power Systems, 2021, 36, 1656-1659. | 6.5 | 25 |
| 17 | Application of Bayesian networks in composite power system reliability assessment and reliability-based analysis. IET Generation, Transmission and Distribution, 2015, 9, 1755-1764. | 2.5 | 24 |
| 18 | Incorporation of protection system failures into bulk power system reliability assessment by Bayesian networks. IET Generation, Transmission and Distribution, 2015, 9, 1226-1234. | 2.5 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Electricity restructuring [the business scene]. IEEE Power and Energy Magazine, 2007, 5, 16-20. | 1.6 | 21 |
| 20 | Maximum allowable penetration level determination of a DG in a distribution network. , 2012, , . | | 20 |
| 21 | Pay-as-bid versus marginal pricing: The role of suppliers strategic behavior. International Journal of Electrical Power and Energy Systems, 2012, 42, 350-358. | 5.5 | 20 |
| 22 | Seamless control scheme for distributed energy resources in microgrids. IET Generation, Transmission and Distribution, 2016, 10, 2756-2763. | 2.5 | 19 |
| 23 | A new reactive power planning procedure for Iranian Power Grid. Electric Power Systems Research, 2004, 72, 225-234. | 3.6 | 18 |
| 24 | The role of market pricing mechanism under imperfect competition. Decision Support Systems, 2008, 45, 267-277. | 5.9 | 17 |
| 25 | Market-based mechanism for multi-area power exchange management in a multiple electricity market. IET Generation, Transmission and Distribution, 2015, 9, 1662-1671. | 2.5 | 16 |
| 26 | Transmission cost allocation based on the users' benefits. International Journal of Electrical Power and Energy Systems, 2014, 61, 547-552. | 5.5 | 14 |
| 27 | Locational marginal pricing-based allocation of transmission capacity in multiple electricity markets. IET Generation, Transmission and Distribution, 2014, 8, 983-994. | 2.5 | 14 |
| 28 | Robust probabilistic optimal voltage sag monitoring in presence of uncertainties. IET Generation, Transmission and Distribution, 2016, 10, 4240-4248. | 2.5 | 14 |
| 29 | Midterm system level maintenance scheduling of transmission equipment using inspection based model. International Journal of Electrical Power and Energy Systems, 2019, 110, 467-476. | 5.5 | 13 |
| 30 | Enhancing long-term voltage stability of a power system integrated with large-scale photovoltaic plants using a battery energy storage control scheme. International Journal of Electrical Power and Energy Systems, 2021, 131, 107059. | 5.5 | 12 |
| 31 | Optimal decision making for Virtual Power Plant operation. , 2010, , . | | 11 |
| 32 | A framework for PSS pricing as an ancillary service in a competitive electricity market. International Journal of Electrical Power and Energy Systems, 2013, 46, 221-227. | 5.5 | 11 |
| 33 | A new mechanism for remedial action schemes design in a multi-area power system considering competitive participation of multiple electricity market players. International Journal of Electrical Power and Energy Systems, 2018, 103, 31-42. | 5.5 | 11 |
| 34 | An Optimization-Based Approach to Recover the Detected Attacked Grid Variables After False Data Injection Attack. IEEE Transactions on Smart Grid, 2021, 12, 5322-5334. | 9.0 | 11 |
| 35 | A strength Pareto evolutionary algorithm-based conflict assessment framework of electricity market participants' objectives in generation maintenance scheduling. International Transactions on Electrical Energy Systems, 2013, 23, 342-363. | 1.9 | 10 |
| 36 | Dynamic power system equivalence considering distributed energy resources using Prony analysis. International Transactions on Electrical Energy Systems, 2015, 25, 1539-1551. | 1.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | An instantaneous power theory based control scheme for unified power flow controller in transient and steady state conditions. Electric Power Systems Research, 2003, 64, 175-180. | 3.6 | 9 |
| 38 | An intelligent tutoring system for a power plant simulator. Electric Power Systems Research, 2002, 62, 161-171. | 3.6 | 8 |
| 39 | Model Validation for Power System Frequency Analysis. SpringerBriefs in Energy, 2019, , . | 0.3 | 8 |
| 40 | An integrated model for generation maintenance coordination in a restructured power system involving gas network constraints and uncertainties. International Journal of Electrical Power and Energy Systems, 2013, 46, 425-440. | 5.5 | 7 |
| 41 | Cobweb theory-based generation maintenance coordination in restructured power systems. IET Generation, Transmission and Distribution, 2013, 7, 1253-1262. | 2.5 | 7 |
| 42 | Quantitative model validation from the frequency perspective considering governor frequency ramp rate and activity range. International Journal of Electrical Power and Energy Systems, 2019, 107, 668-679. | 5.5 | 6 |
| 43 | Technical valuation of generating units for participating in primary frequency control. International Journal of Electrical Power and Energy Systems, 2020, 118, 105826. | 5.5 | 6 |
| 44 | Governor Parameter Estimation Considering Upper/Lower Production Limits. , 2019, , . | | 3 |
| 45 | A new algorithm for reactive power management and pricing in an open access environment. European Transactions on Electrical Power, 2008, 18, 109-126. | 1.0 | 2 |
| 46 | Excitation robust control by nonlinear QFT. European Transactions on Electrical Power, 2011, 21, 1088-1109. | 1.0 | 2 |
| 47 | Power System Stabilizer Services Pricing in an Electricity Market. Electric Power Components and Systems, 2015, 43, 2050-2058. | 1.8 | 2 |
| 48 | A new approach for system-wide power system frequency model validation via measurement data. Engineering Reports, 2022, 4, e12446. | 1.7 | 2 |
| 49 | A Novel Adaptive Hierarchical Control Structure for Inverter Based DGs under Microgrid Dynamics. , 2019, , . | | 1 |
| 50 | A new Approach for Parameter Estimation of Power System Equipment Models. , 2019, , . | | 1 |
| 51 | Dynamic Model Validation for Large-Scale Networks Using the Dominant Time Intervals. , 2020, , . | | 1 |
| 52 | Economic Valuation of Power Grid Frequency Security and the Participants Share Specification. IEEE Transactions on Power Systems, 2023, 38, 1487-1500. | 6.5 | 1 |
| 53 | Voltage Sag Monitoring with Limited Measurements Based on Sparse Optimization. , 2021, , . | | 0 |