

## Mohammad Shahidehpour

**Google Scholar** 

Citation indices	All	Since 2012
Citations	22773	13625
h-index	78	58
i10-index	252	212

Power System Planning, Operation, Control

Title 1–20	Cited by	Year
Frontmatter and index M Shahidehpour, H Yamin, Z Li Market Operations in Electric Power Systems: Forecasting, Scheduling, and	1767	2002
The IEEE reliability test system-1996. A report prepared by the reliability test system task force of the application of probability methods subcommittee C Grigg, P Wong, P Albrecht, R Allan, M Bhavaraju, R Billinton, Q Chen, IEEE Transactions on power systems 14 (3), 1010-1020	1040	1999
Security-constrained unit commitment with volatile wind power generation J Wang, M Shahidehpour, Z Li IEEE Transactions on Power Systems 23 (3), 1319-1327	625	2008
Short-term generation scheduling with transmission and environmental constraints using an augmented Lagrangian relaxation SJ Wang, SM Shahidehpour, DS Kirschen, S Mokhtari, GD Irisarri IEEE Transactions on Power Systems 10 (3), 1294-1301	546	1995
Stochastic security-constrained unit commitment L Wu, M Shahidehpour, T Li IEEE Transactions on Power Systems 22 (2), 800-811	470	2007
Effects of ramp-rate limits on unit commitment and economic dispatch C Wang, SM Shahidehpour IEEE Transactions on Power Systems 8 (3), 1341-1350	393	1993
Security-constrained unit commitment with AC constraints Y Fu, M Shahidehpour, Z Li IEEE transactions on power systems 20 (3), 1538-1550	375	2005
Price-based unit commitment: A case of Lagrangian relaxation versus mixed integer programming T Li, M Shahidehpour IEEE transactions on power systems 20 (4), 2015-2025	352	2005
Transaction analysis in deregulated power systems using game theory RW Ferrero, SM Shahidehpour, VC Ramesh IEEE transactions on power systems 12 (3), 1340-1347	349	1997
An intelligent dynamic programming for unit commitment application Z Ouyang, SM Shahidehpour IEEE Transactions on Power Systems 6 (3), 1203-1209	322	1991

Title 1–20	Cited by	Year
Communication and control in electric power systems: applications of parallel and distributed processing M Shahidehpour, Y Wang John Wiley & Sons	301	2004
Market-based transmission expansion planning MO Buygi, G Balzer, HM Shanechi, M Shahidehpour IEEE Transactions on Power Systems 19 (4), 2060-2067	293	2004
Linear reactive power optimization in a large power network using the decomposition approach N Deeb, SM Shahidehpour IEEE Transactions on power systems 5 (2), 428-438	282	1990
Restructured electrical power systems: Operation: Trading, and volatility M Shahidehpour, M Alomoush CRC Press	281	2001
Application of games with incomplete information for pricing electricity in deregulated power pools RW Ferrero, JF Rivera, SM Shahidehpour IEEE Transactions on Power Systems 13 (1), 184-189	263	1998
Unit commitment with transmission security and voltage constraints H Ma, SM Shahidehpour IEEE transactions on power systems 14 (2), 757-764	228	1999
Strategic bidding of transmission-constrained GENCOs with incomplete information T Li, M Shahidehpour IEEE Transactions on power Systems 20 (1), 437-447	226	2005
Maintenance scheduling in restructured power systems M Shahidehpour, M Marwali Springer Science & Business Media	221	2012
Impact of natural gas infrastructure on electric power systems M Shahidehpour, Y Fu, T Wiedman Proceedings of the IEEE 93 (5), 1042-1056	205	2005
Contingency-constrained PMU placement in power networks F Aminifar, A Khodaei, M Fotuhi-Firuzabad, M Shahidehpour IEEE Transactions on Power Systems 25 (1), 516-523	204	2010

Dates and citation counts are estimated and are determined automatically by a computer program.