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所有發表期刊論文及研討會論文

A. Refereed Paper:

1. J. Zaborszky, K.W. Whang, G. Huang, L.J. Chiang, Shin-Yeu Lin, "A Clustered Dynamic Model for a Class of Linear Autonomous Systems Using Simple Enumerative Sorting," IEEE Trans. On Circuits and Systems, vol. CAS-29, no.11, pp.747-758, Nov. 1982. (EI, SCI)
2. J. Zaborszky, G. Huang, Shin-Yeu Lin, "Control of Reactive Power and Voltage in Emergencies," Automatica, vol.21, no.3, pp.237-246, May 1985. (EI, SCI)
3. J. Zaborszky, G. Huang, Shin-Yeu Lin, "Reactive and Real Power Control for Computationally Effective Voltage and Thermal Management," IEEE Trans. On Power Apparatus and Systems, vol. PAS-104, no.7, pp.1728-1737, July 1985. (EI, SCI)
4. Y.Y. Hong, D.I. Sun, Shin-Yeu Lin, C.J. Lin, "Multi-year Multi-case Optimal VAR Planning," IEEE Trans. On Power Systems, vol.5, no.4, pp.1294-1301, Dec. 1990. (EI, SCI)
5. Shin-Yeu Lin, "A Hardware Implementable Two-Level Parallel Computing Algorithm for General Minimum-Time Control," IEEE Trans. on Automatic Control, vol.37, no.5, pp.589-603, May 1992. (EI, SCI)計畫編號: NSC-79-0212-D009-22
6. Shin-Yeu Lin, "A Distributed State Estimator for Electric Power Systems," IEEE Trans. on Power Systems, vol.7, no.2, pp.571-581, May 1992. (EI, SCI)計畫編號: NSC-79-0404-E-009-48
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10. Shin-Yeu Lin and Ch'i-Hsin Lin, "An Efficient Method for Unconstrained Optimization Problems of Nonlinear Large Mesh-Interconnected Systems," IEEE Trans. on Automatic Control, vol.40, no.3, pp.490-495, March 1995. (EI, SCI)

11. Shin-Yeu Lin, Chee-Feng Lee and Ch'i-Hsin Lin, "Experimental Computer Network and Software Development for Distributed State Estimator," Journal of Chinese Inst. Of Elec. Engr. vol.3, no.3, pp.197-206, 1996. (EI)

12. Shin-Yeu Lin and Ch'i-Hsin Lin, "A Computationally Efficient Method for Nonlinear Multicommodity Network Flow Problems," Networks, vol.29, no.4, pp.225-244, July 1997. (EI, SCI)

13. Shin-Yeu Lin, "Basic Hardware Module for a Nonlinear Programming Algorithm and Applications," Automatica, vol.33, no.9, pp.1579-1586, Aug 1997. (EI, SCI)

14. Ch'i-Hsin Lin, and Shin-Yeu Lin, "A New Dual Type Method Used in Solving Optimal Power Flow Problems," IEEE Trans. on Power Systems, vol.12, no.4, pp.1667-1675, Nov. 1997. (EI, SCI)

15. Ch'i-Hsin Lin, Shin-Yeu Lin and Shieh-Shing Lin, "Improvements on the Duality Based Method Used in Solving Optimal Power Flow Problems," IEEE Trans. on Power Systems, vol.17, no.2, pp.315-323, May 2002. (EI, SCI) 計畫編號: NSC 88-2213-E-009-123

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23.Shin-Yeu Lin and Jung-Shou Huang, "Adaptive Subcarrier Assignment and Bit Allocation for Multiuser OFDM System Using Ordinal Optimization Approach", IEEE Transactions on Vehicular Technology, vol.57, no.5, pp.2907-2919, Sept. 2008. (EI, SCI) 計畫編號: NSC95-2221-E-009-099-MY2.

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25.Shih-Cheng Horng and Shin-Yeu Lin, "Ordinal Optimization of G/G/1/K Polling Systems with k-limited Service Discipline," Journal of Optimization Theory and Applications, vol.140, pp. 213-231, Feb. 2009.
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32.Shin-Yeu Lin and Che-Yen Chang , " Genetic Algorithm Based Iterative Two-Level Algorithm for Resource Allocation Problems and Applications ", International Journal of Inoovative Computing Information and Control,2012/10

33. Shin-Yeu Lin, Wei-Yuan Chen ,“ Simple and Effective Algorithms for Air Quality Control of Building Energy Management Systems “, *Advanced Science Letters* , 2013/01
34. Shih-Cheng Horng, Shin-Yeu Lin ,” Combining Evolution Strategy with Ordinal Optimization “, *International Journal of Information Technology & Decision Making* , 2013/03
35. Shih-Cheng Horng, Shin-Yeu Lin ,” Evolutionary algorithm assisted by surrogate model in the framework of ordinal optimization and optimal computing budget allocation “, *Information Sciences* , 2013/06
36. Shin-Yeu Lin, Jyun-Fu Chen ,“ Distributed optimal power flow for smart grid transmission system with renewable energy sources “, *Energy* , 2013/07
37. Shih-Cheng Horng, Shin-Yeu Lin, Loo Hay Lee, Chun-Hung Chen ,” Memetic Algorithm for Real-Time Combinatorial Stochastic Simulation Optimization Problems with Performance Analysis “, *IEEE Transactions on Cybernetics* , 2013/10
38. Shin-Yeu Lin, Ai-Chih Lin ,” RLOPF (risk-limiting optimal power flow) for systems with high penetration of wind power “, *Energy* , 2014/07
39. Shin-Yeu Lin, Shih-Ching Chiu, Wei-Yuan Chen ,” Simple automatic supervisory control system for office building based on energy-saving decoupling indoor comfort control “, *Energy and Buildings* , 2015/01

B. Conference Paper:

1. Shin-Yeu Lin, "A Two-Phase Parallel Computing Algorithm for the Solution of Receding Horizon Control of Constrained Nonlinear Systems," Proceedings of the 32nd IEEE Conference on Decision and Control, San Antonio, TX, Dec.1993.
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4. Shin-Yeu Lin and Ch'I-Hsin Lin, "An Efficient Algorithm for State Estimation Problems of Large-Scaled Nonlinear Systems," Proceeding of the 10th IFAC Conference on System Identification Copenhagen, Denmark, July 1994.
5. Shin-Yeu Lin, "Architecture and Operations of the VLSI Array Processors for Implementing a Receding Horizon Controller," Tahoe City, CA, June 1995.
6. Shin-Yeu Lin and Shih-Cheng Horng, "A Decision Sequence Based Congestion Control for Multi-Destination Network-Problem Formulation and Classification," Rome, Italy, Sept 1995.
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8. Shin-Yeu Lin and Ch'i-Hsin Lin, "A Modified Distributed Block Jacobi Method for Block Additive Unconstrained Optimization Problems of Large Systems," Exeter, England, Sept 1996.

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14. Shin-Yeu Lin and Ch'i-Hsin Lin, "A Distributed Constrained State Estimator: Theory and Experiment," IASTED EuroPES 2003, Marbella, Spain, Sept. 5-8, 2003. 計畫編號: NSC 88-2213-E-009-123
15. C.-H. Tsai, Shin-Yeu Lin, M.-H. Cheng, S.-C. Horng, C.-H. Liu, W.-Y. Lee and C.-H. Tsai, "An Effective and Efficient Hierarchical Fuzzy Classifier," The second ICMLC, Xian, China, Nov. 5-8, 2003. 計畫編號: 第三十九屆出國進修
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21. Shin-Yeu Lin and Ch'i –Hsin Lin, "Capacitor placement for transmission systems using ordinal optimization approach,"Proceedings of the 3rd IASTED Asian Conference on Power and Energy systems, Phukett, Thailand, April 2-4,2007.
22. Shin-Yeu Lin and Ch'i –Hsin Lin,"Ordinal optimization approach for mixed variable nonlinear optimization problems of large network systems,"Proceedings of the IASTED Asian conference on Modeling and Simulation, Beijing, China, Oct 8-10,2007.