Cited References: 29

(from Web of Science Core Collection)

From: Energy and exergy recovery in a natural gas compressor station - A technical and economic analysis ...More

Select Page | Save to EndNote online | Add to Marked List

Find Related Records >

1. **A comparison of automation techniques for optimization of compressor scheduling**
By: Nguyen, H. H.; Uraikul, V.; Chan, C. W.; et al.
ADVANCES IN ENGINEERING SOFTWARE Volume: 39 Issue: 3 Pages: 178-188 Published: MAR 2008
Full Text from Publisher | View Abstract
Times Cited: 11 *(from Web of Science Core Collection)*

2. **Optimization problems in natural gas transportation systems: A state-of-the-art review**
By: Rios-Mercado, Roger Z.; Borraz-Sanchez, Conrado
APPLIED ENERGY Volume: 147 Pages: 536-555 Published: JUN 1 2015
Full Text from Publisher | View Abstract
Times Cited: 6 *(from Web of Science Core Collection)*

3. **Optimization for design and operation of natural gas transmission networks**
By: Uester, Halit; Dilaveroglu, Sebnem
APPLIED ENERGY Volume: 133 Pages: 56-69 Published: NOV 15 2014
Full Text from Publisher | View Abstract
Times Cited: 5 *(from Web of Science Core Collection)*

4. **Exergy-based analysis of gas transmission system with application to Yamal-Europe pipeline**
By: Chaczykowski, M.; Osiadacz, A. J.; Uilhoorn, F. E.
APPLIED ENERGY Volume: 88 Issue: 6 Pages: 2219-2230 Published: JUN 2011
Full Text from Publisher | View Abstract
Times Cited: 8 *(from Web of Science Core Collection)*

5. **Line-pack management for producing electric power on peak periods**
By: Ernst, M. A. B.; Perrella Balestieri, J. A.; Landa, H. G.; et al.
APPLIED THERMAL ENGINEERING Volume: 31 Issue: 1 Pages: 42-49 Published: JAN 2011
Full Text from Publisher | View Abstract
Times Cited: 2 *(from Web of Science Core Collection)*

6. **Bottoming micro-Rankine cycles for micro-gas turbines**
By: Invernizzi, Costante; Iora, Paolo; Silva, Paolo
APPLIED THERMAL ENGINEERING Volume: 27 Issue: 1 Pages: 100-110 Published: JAN 2007
Full Text from Publisher | View Abstract
Times Cited: 102 *(from Web of Science Core Collection)*

7. **Techno-economical and environmental optimization of natural gas network operation**
By: Kashani, Amir Hesam Alinia; Molaei, Reza
CHEMICAL ENGINEERING RESEARCH & DESIGN Volume: 92 Issue: 11 Pages: 2106-2122 Published: NOV 2014
Full Text from Publisher | View Abstract
Times Cited: 4 *(from Web of Science Core Collection)*

8. **Optimization of natural gas pipeline transportation using ant colony optimization**
By: Chebouba, A.; Yalaoui, F.; Smati, A.; et al.
COMPUTERS & OPERATIONS RESEARCH Volume: 36 Issue: 6 Pages: 1916-1923 Published: JUN 2009
Full Text from Publisher | View Abstract
Times Cited: 33 *(from Web of Science Core Collection)*

9. **Improving the operation of pipeline systems on cyclic structures by tabu search**
By: Borraz-Sanchez, Conrado; Rios-Mercado, Roger Z.
COMPUTERS & CHEMICAL ENGINEERING Volume: 33 Issue: 1 Pages: 58-64 Published: JAN 13 2009
Times Cited: 12 *(from Web of Science Core Collection)*

Full Text from Publisher | View Abstract

10. **Efficient operation of natural gas transmission systems: A network-based heuristic for cyclic structures**
By: Rios-Mercado, RZ; Kim, S; Boyd, EA
COMPUTERS & OPERATIONS RESEARCH Volume: 33 Issue: 8 Pages: 2323-2351 Published: AUG 2006
Full Text from Publisher | View Abstract
Times Cited: 27 *(from Web of Science Core Collection)*

11. Title: [not available]
By: [Anonymous].
Cycle-Tempo 5.0. A program for thermodynamic modeling and optimisation of energy conversion systems Published: 1980
Publisher: Delft University of Technology
URL: http://www.asimptote.nl
Times Cited: 3 *(from Web of Science Core Collection)*

12. **Comparative study of alternative ORC-based combined power systems to exploit high temperature waste heat**
By: Zhang, Chengyu; Shu, Gequn; Tian, Hua; et al.
ENERGY CONVERSION AND MANAGEMENT Volume: 89 Pages: 541-554 Published: JAN 1 2015
Full Text from Publisher | View Abstract
Times Cited: 10 *(from Web of Science Core Collection)*
Highly Cited Paper

13. **Comparative analysis of a bottoming transcritical ORC and a Kalina cycle for engine exhaust heat recovery**
By: Yue, Chen; Han, Dong; Pu, Wenhao; et al.
ENERGY CONVERSION AND MANAGEMENT Volume: 89 Pages: 764-774 Published: JAN 1 2015
Full Text from Publisher | View Abstract
Times Cited: 6 *(from Web of Science Core Collection)*

14. **ORC waste heat recovery in European energy intensive industries: Energy and GHG savings**
By: Campana, F.; Bianchi, M.; Branchini, L.; et al.
ENERGY CONVERSION AND MANAGEMENT Volume: 76 Pages: 244-252 Published: DEC 2013
Full Text from Publisher | View Abstract
Times Cited: 32 *(from Web of Science Core Collection)*

15. **Waste heat utilization in natural gas pipeline compression stations by an organic rankine cycle**
By: Yilmazoglu, M. Zeki; Amirabedin, Ehsan; Shotorban, Babak
ENERGY EXPLORATION & EXPLOITATION Volume: 32 Issue: 2 Pages: 317-328 Published: 2014
View Abstract
Times Cited: 1 *(from Web of Science Core Collection)*

16. **Optimal operation of trunk natural gas pipelines via an inertia-adaptive particle swarm optimization algorithm**
By: Wu, Xia; Li, Changjun; Jia, Wenlong; et al.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING Volume: 21 Pages: 10-18 Published: NOV 2014
Full Text from Publisher | View Abstract
Times Cited: 5 *(from Web of Science Core Collection)*

17. **Implementing the mathematical model of the throughput of compressor station aggregates**
By: Vaszi, Zsolt; Szabo, Csaba; Varga, Augustin
NONLINEAR ANALYSIS-MODELLING AND CONTROL Volume: 20 Issue: 2 Pages: 291-304 Published: 2015
View Abstract
Times Cited: 3 *(from Web of Science Core Collection)*

18. **The Possibility of Energy Generation within the Conventional Natural Gas Transport System**
By: Kostowski, Wojciech
STROJARSTVO Volume: 52 Issue: 4 Pages: 429-440 Published: JUL-AUG 2010
View Abstract
Times Cited: 5 *(from Web of Science Core Collection)*

19. **NON-LINEAR PROGRAMMING APPLIED TO THE OPTIMUM CONTROL OF A GAS-COMPRESSOR STATION**
By: OSIADACZ, A
INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING Volume: 15 Issue: 9 Pages: 1287-1301 Published: 1980
Times Cited: 11 *(from Web of Science Core Collection)*

20. **Dynamics of the recycle systems of two centrifugal compressors operating in series in a natural gas compressor station**
By: Botros, KK.
Times Cited: 1 *(from Web of Science Core Collection)*

10 INT PIP C Volume: 4 Pages: 13 Published: 2014

21. **The selection of gas turbine air bottoming cycle for polish compressor stations**
By: Czaja, D; Chmielniak, T; Lepszy, S.
J Power Technol Volume: 93 Issue: 2 Pages: 67-77 Published: 2013
Times Cited: 2 *(from Web of Science Core Collection)*

22. Title: [not available]
By: Dulinski, W.
Transport gazu Published: 2007
Publisher: Publishing house of the AGH University of Technology, Cracow
Times Cited: 1 *(from Web of Science Core Collection)*

23. **Improving gas transmission networks operation using simulation algorithms: Case study of the National Iranian Gas Network**
By: Fasihizadeh, Maryam; Sefti, Mohsen V.; Torbati, Hassan M.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING Volume: 20 Pages: 319-327 Published: SEP 2014
Full Text from Publisher | View Abstract
Times Cited: 3 *(from Web of Science Core Collection)*

24. **Air Bottoming Cycle: Use of Gas Turbine Waste Heat for Power Generation**
By: Hande; Bolland; Forde.
Transactions of the ASME. Journal of Engineering for Gas Turbines and Power Volume: 118 Issue: 2 Pages: 359-368 Published: 1996
Times Cited: 4 *(from Web of Science Core Collection)*

25. **Opportunities of waste heat recovery at natural gas transmission system**
By: Kost'an, M.; Nukovic, R; Hesko, M.
INT GAS UN WORLD GAS Volume: 3 Pages: 2813-25 Published: 2012
Times Cited: 1 *(from Web of Science Core Collection)*

26. **Working fluids for low-temperature organic Rankine cycles**
By: Saleh, B; Koglbauer, G; Wendland, M; et al.
Energy Pages: 32 Published: 2007
[Show additional data]
Times Cited: 1 *(from Web of Science Core Collection)*

27. Title: [not available]
By: Skorek, J.; Kalina, J.
Gazowe uklady kogeneracyjne Published: 2005
Publisher: WNT, Warszawa
Times Cited: 12 *(from Web of Science Core Collection)*

28. Title: [not available]
By: Szargut, J.
Exergy Method: Technical and Ecological Applications Published: 2005
Publisher: WIT Press
Times Cited: 248 *(from Web of Science Core Collection)*

29. **Model relaxations for the fuel cost minimization of steady-state gas pipeline networks**
By: Wu, SM; Rios-Mercado, RZ; Boyd, EA; et al.
MATHEMATICAL AND COMPUTER MODELLING Volume: 31 Issue: 2-3 Pages: 197-220 Published: JAN-FEB 2000
Full Text from Publisher | View Abstract
Times Cited: 52 *(from Web of Science Core Collection)*

Select Page | Save to EndNote online | Add to Marked List

Page 1 of 1