

1 of 3 10/31/13 8:42 AM

```
Author(s): GIDAS, B
            Source: JOURNAL OF STATISTICAL PHYSICS Volume: 39 Issue: 1-2 Pages: 73-131 DOI:
            10.1007/BF01007975 Published: 1985
            Times Cited: 127 (from Web of Science)

▼ 8. Title: The valve location problem: Minimizing environmental damage of a spill in long oil pipelines

            Author(s): Grigoriev, Alexander; Grigorieva, Nadejda V.
            Source: COMPUTERS & INDUSTRIAL ENGINEERING Volume: 57 Issue: 3 Pages: 976-982 DOI:
            10.1016/j.cie.2009.04.001 Published: OCT 2009
            Times Cited: 6 (from Web of Science)
             [ ⊞...View abstract ]
    9. Title: Individual risk analysis of high-pressure natural gas pipelines
Author(s): Jo, Young-Do; Crowl, Daniel A.
            Source: JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES Volume: 21 Issue: 6 Pages:
            589-595 DOI: 10.1016/j.jlp.2008.04.006 Published: NOV 2008
            Times Cited: 10 (from Web of Science)
            [ ⊞...View abstract ]
    ☑ 10. Title: A strategic planning model for natural gas transmission networks
            Author(s): Kabirian, Allreza: Hemmati, Mohammad Reza
            Source: ENERGY POLICY Volume: 35 Issue: 11 Pages: 5656-5670 DOI: 10.1016/j.enpol.2007.05.022
             Published: NOV 2007
            Times Cited: 18 (from Web of Science)
             [ ⊞...View abstract ]

▼ 11. Title: Design of separation trains and reaction-separation networks using stochastic optimization

            methods
            Author(s): Marcoulaki, E; Linke, P; Kokossis, A
            Source: CHEMICAL ENGINEERING RESEARCH & DESIGN Volume: 79 Issue: A1 Pages: 25-32 DOI:
            10.1205/026387601528499 Published: JAN 2001
            Times Cited: 7 (from Web of Science)
             [ ⊞...View abstract ]
    ☑ 12. Title: Scoping and screening complex reaction networks using stochastic optimization
            Author(s): Marcoulaki, EC; Kokossis, AC
            Source: AICHE JOURNAL Volume: 45 Issue: 9 Pages: 1977-1991 DOI: 10.1002/aic.690450914 Published:
            SEP 1999
            Times Cited: 33 (from Web of Science)
            [ ⊞--View abstract ]

▼ 13. Title: On the development of novel chemicals using a systematic synthesis approach. Part I.

            Optimisation framework
            Author(s): Marcoulaki, EC: Kokossis, AC
            Source: CHEMICAL ENGINEERING SCIENCE Volume: 55 Issue: 13 Pages: 2529-2546 DOI:
            10.1016/S0009-2509(99)00522-9 Published: JUL 2000
            Times Cited: 38 (from Web of Science)
             [ ⊞...View abstract ]
    14. Title: A dynamic screening algorithm for multiple objective simulated annealing optimization
            Author(s): Marcoulaki, Eftychia C.; Papazoglou, Ioannis A.
            Book Editor(s): Pierucci, S; Ferraris, BG
            Source: 20TH EUROPEAN SYMPOSIUM ON COMPUTER AIDED PROCESS ENGINEERING Book Series:
            Computer-Aided Chemical Engineering Volume: 28 Pages: 349-354 Published: 2010
            Times Cited: 2 (from Web of Science)
             [ ⊞...View abstract ]

▼ 15. Title: Optimal reliability/availability of uncertain systems via multi-objective genetic algorithms

            Author(s): Marseguerra, M; Zio, E; Podofillini, L
            Source: IEEE TRANSACTIONS ON RELIABILITY Volume: 53 Issue: 3 Pages: 424-434 DOI:
            10.1109/TR.2004.833318 Published: SEP 2004
            Times Cited: 30 (from Web of Science)
             [ ⊞...View abstract ]
       16. Title: EQUATION OF STATE CALCULATIONS BY FAST COMPUTING MACHINES
            Author(s): METROPOLIS, N; ROSENBLUTH, AW; ROSENBLUTH, MN; et al.
            Source: JOURNAL OF CHEMICAL PHYSICS Volume: 21 Issue: 6 Pages: 1087-1092 DOI: 10.1063/1.1699114
             Abstract Number: A1953-06026 Published: 1953
```

2 of 3 10/31/13 8:42 AM

Times Cited: 15,093 (from Web of Science) 17. Title: A scalable infrastructure model for carbon capture and storage: SimCCS Author(s): Middleton, Richard S.; Bielicki, Jeffrey M. Source: ENERGY POLICY Volume: 37 Issue: 3 Pages: 1052-1060 DOI: 10.1016/j.enpol.2008.09.049 Published: MAR 2009 Times Cited: 50 (from Web of Science) [**⊞**--View abstract] **☑** 18. Title: Efficient operation of natural gas transmission systems: A network-based heuristic for cyclic structures Author(s): Rios-Mercado, RZ; Kim, S; Boyd, EA Source: COMPUTERS & OPERATIONS RESEARCH Volume: 33 Issue: 8 Pages: 2323-2351 DOI: 10.1016/i.cor.2005.02.003 Published: AUG 2006 Times Cited: 16 (from Web of Science) [**⊞**...View abstract] 19. Title: A procedure to design the mainline system in natural gas networks Author(s): Ruan, Yingjun; Liu, Qingrong; Zhou, Weiguo; et al. Source: APPLIED MATHEMATICAL MODELLING Volume: 33 Issue: 7 Pages: 3040-3051 DOI: 10.1016/j.apm.2008.10.008 Published: JUL 2009 Times Cited: 6 (from Web of Science) [⊞...View abstract] 20. Title: Pipeline & Gas Journal's 2011 Worldwide Pipeline Construction Report Author(s): Tubb. R. Source: Pipeline Gas J Volume: 238 Issue: 1 Published: 2011 URL: http://pipelineandgasjournal.com Times Cited: 1 (from Web of Science) 21. Title: Pipeline & Gas Journal's 2010 International Pipeline Construction Report Author(s): Tubb, R. Source: Pipeline Gas J Volume: 237 Issue: 2 Published: 2010 URL: http://pipelineandgasjournal.com Times Cited: 3 (from Web of Science) 22. Title: Critical infrastructures at risk: a need for a new conceptual approach and extended analytical tools Author(s): Wolfgang, K. Source: Reliab. Eng. Syst. Saf Volume: 93 Pages: 1781-1787 Published: 2008 Times Cited: 3 (from Web of Science) 23. Title: Deterministic global optimization approach to steady-state distribution gas pipeline networks Author(s): Wu, Yue; Lai, Kin Keung; Liu, Yongjin Source: OPTIMIZATION AND ENGINEERING Volume: 8 Issue: 3 Pages: 259-275 DOI: 10.1007/s11081-007-9018-y Published: SEP 2007 Times Cited: 6 (from Web of Science) Go References: 23 Page 1 of 1 简体中文 繁體中文 English 日本語 하국어 Português Español View in: Terms of Use Privacy Policy | Please give us your feedback on using Web of Knowledge. © 2013 Thomson Reuters

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