

## Web of Science



Search Search Results

Tools Searches and alerts Search History Marked List

## Cited References: 50

(from Web of Science Core Collection)

From: Maximizing the storage capacity of gas networks: a global MINLP approach ...More


◀ 2 of 2 ▶

 Select Page[Find Related Records >](#)

31. Title: [not available]  
Group Author(s): LaMaTTO++  
A framework for modeling and solving mixed-integer nonlinear programming problems on networks. Published: 2015  
**Times Cited: 3**  
(from Web of Science Core Collection)
32. **Control parametrization enhancing technique for optimal discrete-valued control problems**  
By: Lee, HWJ; Teo, KL; Rehbock, V; et al.  
AUTOMATICA Volume: 35 Issue: 8 Pages: 1401-1407 Published: AUG 1999  
  ▾  
**Times Cited: 72**  
(from Web of Science Core Collection)
33. **Mixed Integer Nonlinear Programming**  
Edited by: Lee, J; Leyffer, S  
MIXED INTEGER NONLINEAR PROGRAMMING Book Series: IMA Volumes in Mathematics and its Applications Volume: 154 Pages: 1-690 Published: 2012  
Publisher: SPRINGER, 233 SPRING STREET, NEW YORK, NY 10013, UNITED STATES  
  
**Times Cited: 94**  
(from Web of Science Core Collection)
34. **A mixed integer approach for time-dependent gas network optimization**  
By: Mahlke, D.; Martin, A.; Moritz, S.  
OPTIMIZATION METHODS & SOFTWARE Volume: 25 Issue: 4 Pages: 625-644 Article Number: PII 915256758  
Published: 2010  
  ▾  
**Times Cited: 22**  
(from Web of Science Core Collection)
35. **A simulated annealing algorithm for transient optimization in gas networks**  
By: Mahlke, Debora; Martin, Alexander; Moritz, Susanne  
MATHEMATICAL METHODS OF OPERATIONS RESEARCH Volume: 66 Issue: 1 Pages: 99-115 Published: AUG 2007  
  ▾  
**Times Cited: 20**  
(from Web of Science Core Collection)
36. **Different transient model limitations, advantages and disadvantages.**  
By: Osiadacz, AJ.  
Technical report, PSIG report 9606 Published: 1996  
Publisher: Pipeline Simulation Interest Group  
**Times Cited: 2**  
(from Web of Science Core Collection)
37. **Dynamic optimization of high pressure gas networks using hierarchical systems theory.**  
By: Osiadacz, AJ.  
P PSIG ANN M 1994 PI Pages: 29 Published: 1994  
URL: <https://www.onepetro.org/conference-paper/PSIG-9408>  
**Times Cited: 1**  
(from Web of Science Core Collection)
38. **Optimizing pipeline control in transient gas flow.**  
By: Rachford Jr, HH; Carter, RG.  
**Times Cited: 2**  
(from Web of Science Core Collection)

PSIG ANN M Published: 2000  
Publisher: Pipeline Simulation Interest Group

Collection)

39. **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: 106**  
(from Web of Science Core Collection)  
 **Highly Cited Paper**
40. **Metaheuristics for natural gas pipeline networks**  
By: Rios-Mercado, RZ.  
Handbook of heuristics. Pages: 1103-1121 Published: 2018  
Publisher: Springer, New York  
**Times Cited: 1**  
(from Web of Science Core Collection)
41. **Optimal switching for hybrid semilinear evolutions**  
By: Rueffler, Fabian; Hante, Falk M.  
NONLINEAR ANALYSIS-HYBRID SYSTEMS Volume: 22 Pages: 215-227 Published: NOV 2016  
[Free Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 6**  
(from Web of Science Core Collection)
42. **Combinatorial integral approximation**  
By: Sager, Sebastian; Jung, Michael; Kirches, Christian  
MATHEMATICAL METHODS OF OPERATIONS RESEARCH Volume: 73 Issue: 3 Pages: 363-380 Published: JUN 2011  
[Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 17**  
(from Web of Science Core Collection)
43. **Direct methods with maximal lower bound for mixed-integer optimal control problems**  
By: Sager, Sebastian; Bock, Hans Georg; Reinelt, Gerhard  
MATHEMATICAL PROGRAMMING Volume: 118 Issue: 1 Pages: 109-149 Published: APR 2009  
[Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 45**  
(from Web of Science Core Collection)
44. **Computing feasible points for binary MINLPs with MPECs**  
By: Schewe, Lars; Schmidt, Martin  
MATHEMATICAL PROGRAMMING COMPUTATION Volume: 11 Issue: 1 Pages: 95-118 Published: MAR 2019  
[Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 1**  
(from Web of Science Core Collection)
45. Title: [not available]  
By: SCHMIDT M  
FACETS OF COMBINATOR Volume: 295 Pages: 320 Published: 2013  
[Full Text from Publisher](#)  
**Times Cited: 1**  
(from Web of Science Core Collection)
46. **GasLib-A Library of Gas Network Instances**  
By: Schmidt, Martin; Assmann, Denis; Burlacu, Robert; et al.  
DATA Volume: 2 Issue: 4 Article Number: 40 Published: DEC 2017  
[Free Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 5**  
(from Web of Science Core Collection)
47. **On PDE solution in transient optimization of gas networks**  
By: Steinbach, Marc C.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 203 Issue: 2 Pages: 345-361 Published:  
JUN 15 2007  
[Free Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 45**  
(from Web of Science Core Collection)
48. **A polyhedral branch-and-cut approach to global optimization**  
By: Tawarmalani, M; Sahinidis, NV  
MATHEMATICAL PROGRAMMING Volume: 103 Issue: 2 Pages: 225-249 Published: JUN 2005  
[Full Text from Publisher](#) [View Abstract](#) ▼  
**Times Cited: 526**  
(from Web of Science Core Collection)

49. **Solving Pseudo-Convex Mixed Integer Optimization Problems by Cutting Plane Techniques**

By: Westerlund, Tapio; Porn, Ray

OPTIMIZATION AND ENGINEERING Volume: 3 Issue: 3 Pages: 253-280 Published: SEP 2002

[Full Text from Publisher](#)

[View Abstract](#) ▼

**Times Cited: 69**

*(from Web of Science Core Collection)*

50. **Optimal Control of Transient Flow in Natural Gas Networks**

By: Zlotnik, Anatoly; Chertkov, Michael; Backhaus, Scott

2015 54TH IEEE CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control

Pages: 4563-4570 Published: 2015

[Full Text from Publisher](#)

**Times Cited: 20**

*(from Web of Science Core Collection)*

Select Page

[Export...](#)

[Add to Marked List](#)

◀ 2 of 2 ▶

**Clarivate**

Accelerating innovation

© 2019 Clarivate

[Copyright notice](#)

[Terms of use](#)

[Privacy statement](#)

[Cookie policy](#)

[Sign up for the Web of Science newsletter](#)

[Follow us](#)

