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Zhang, HR; Liang, YT; (...); Qian, C
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Dec 2018 | [JOURNAL OF PETROLEUM EXPLORATION AND PRODUCTION TECHNOLOGY](#) 8 (4), pp.1389-1400

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Sep 1 2017 | [ENERGY](#) 134 , pp.968-983

In natural gas transmission networks, the efficiency of daily operation is strongly dependent on our knowledge about the custo ... [Show more](#)

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[Mikolajkova, M](#); [Haikarainen, C](#); (...); [Pettersson, F](#)
Apr 15 2017 | [ENERGY](#) 125 , pp.848-859

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9 [Multi-objective design optimization of natural gas transmission networks](#)

[Alves, FD](#); [de Souza, JNM](#) and [Costa, ALH](#)
Oct 4 2016 | [COMPUTERS & CHEMICAL ENGINEERING](#)
93 , pp.212-220

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34 , pp.100-111

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13 [Novel robust fuzzy mathematical programming methods](#)

[Pishvae, MS](#) and [Khalaf, MF](#)

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17 [Optimal operation of trunk natural gas pipelines via an inertia-adaptive particle swarm optimization algorithm](#)

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Nov 2014 |
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21 , pp.10-18

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[Zavala, VM](#)

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