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61. **Impact of Edge Groups on the Hydration and Aggregation Properties of Graphene Oxide** Times Cited: 6  
By: Neto, Antenor J. Paulista; Fileti, Eudes E. (from Web of Science Core Collection)  
JOURNAL OF PHYSICAL CHEMISTRY B Volume: 122 Issue: 9 Pages: 2578-2586 Published: MAR 8 2018
62. **Interaction of Antifreeze Proteins with Hydrocarbon Hydrates** Times Cited: 57  
By: Ohno, Hiroshi; Susilo, Robin; Gordienko, Raimond; et al. (from Web of Science Core Collection)  
CHEMISTRY-A EUROPEAN JOURNAL Volume: 16 Issue: 34 Pages: 10409-10417 Published: 2010
63. **A new apparatus for seawater desalination by gas hydrate process and removal characteristics of dissolved minerals (Na<sup>+</sup>, Mg<sup>2+</sup>, Ca<sup>2+</sup>, K<sup>+</sup>, B<sup>3+</sup>)** Times Cited: 157  
By: Park, Kyeong-nam; Hong, Sang Yeon; Lee, Jin Woo; et al. (from Web of Science Core Collection)  
DESALINATION Volume: 274 Issue: 1-3 Pages: 91-96 Published: JUL 1 2011
64. **Characteristics of methane hydrate formation in carbon nanofluids** Times Cited: 39  
By: Park, Sung-Seek; An, Eoung-Jin; Lee, Sang-Baek; et al. (from Web of Science Core Collection)  
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY Volume: 18 Issue: 1 Pages: 443-448 Published: JAN 25 2012
65. **Effect of multi-walled carbon nanotubes on methane hydrate formation** Times Cited: 49  
By: Park, Sung-Seek; Lee, Sang-Baek; Kim, Nam-Jin (from Web of Science Core Collection)  
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY Volume: 16 Issue: 4 Pages: 551-555 Published: JUL 25 2010
66. **Inhibition of Gas Hydrate Nucleation and Growth: Efficacy of an Antifreeze Protein from the Longhorn Beetle *Rhagium mordax*** Times Cited: 39  
By: Perfeldt, Christine Malmos; Chua, Pei Cheng; Daraboina, Nagu; et al. (from Web of Science Core Collection)  
ENERGY & FUELS Volume: 28 Issue: 6 Pages: 3666-3672 Published: JUN 2014
67. **Effect of aggregation kinetics on the thermal conductivity of nanoscale colloidal solutions (nanofluid)** Times Cited: 423  
By: Prasher, Ravi; Phelan, Patrick E.; Bhattacharya, Prajesh (from Web of Science Core Collection)  
NANO LETTERS Volume: 6 Issue: 7 Pages: 1529-1534 Published: JUL 12 2006
68. **Investigation of the Kinetic Hydrate Inhibitor Performance of a Series of Copolymers of N-Vinyl** Times Cited: 13

- Azacyclooctanone on Structure II Gas Hydrate**  
By: Reyes, Fernando T.; Kelland, Malcolm A.  
ENERGY & FUELS Volume: 27 Issue: 3 Pages: 1314-1320 Published: MAR 2013  
[Full Text from Publisher](#) [View Abstract](#) ▼ (from Web of Science Core Collection)
69. **Kinetic study of ethylene hydrate formation in presence of graphene oxide and sodium dodecyl sulfate**  
By: Rezaei, Erfan; Manteghian, Mehrdad; Tamaddondar, Marzieh  
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING Volume: 147 Pages: 857-863 Published: NOV 2016  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 7  
(from Web of Science Core Collection)
70. **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
71. **A COMPARISON OF THE CONTRIBUTION OF VARIOUS GASES TO THE GREENHOUSE-EFFECT**  
By: RODHE, H  
SCIENCE Volume: 248 Issue: 4960 Pages: 1217-1219 Published: JUN 8 1990  
[Full Text from Publisher](#) Times Cited: 433  
(from Web of Science Core Collection)
72. **Investigations into surfactant/gas hydrate relationship**  
By: Rogers, Rudy; Zhang, Guochang; Dearman, Jennifer; et al.  
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING Volume: 56 Issue: 1-3 Pages: 82-88 Published: MAR 2007  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 36  
(from Web of Science Core Collection)
73. **Preservation of carbon dioxide clathrate hydrate coexisting with sucrose under domestic freezer conditions**  
By: Sato, Tadaaki; Takeya, Satoshi; Nagashima, Hironori D.; et al.  
JOURNAL OF FOOD ENGINEERING Volume: 120 Pages: 69-74 Published: JAN 2014  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 9  
(from Web of Science Core Collection)
74. **A new method for separating HFC-134a from gas mixtures using clathrate hydrate formation**  
By: Seo, Y; Tajima, H; Yamasaki, A; et al.  
ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 38 Issue: 17 Pages: 4635-4639 Published: SEP 1 2004  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 37  
(from Web of Science Core Collection)
75. **Insights into the Behavior of Biological Clathrate Hydrate Inhibitors in Aqueous Saline Solutions**  
By: Sharifi, Hassan; Walker, Virginia K.; Ripmeester, John; et al.  
CRYSTAL GROWTH & DESIGN Volume: 14 Issue: 6 Pages: 2923-2930 Published: JUN 2014  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 19  
(from Web of Science Core Collection)
76. **Inhibition Activity of Antifreeze Proteins with Natural Gas Hydrates in Saline and the Light Crude Oil Mimic, Heptane**  
By: Sharifi, Hassan; Walker, Virginia K.; Ripmeester, John; et al.  
ENERGY & FUELS Volume: 28 Issue: 6 Pages: 3712-3717 Published: JUN 2014  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 14  
(from Web of Science Core Collection)
77. **A comparative study of different methods for the generation of tetra-n-butyl ammonium bromide clathrate hydrate slurry in a cold storage air-conditioning system**  
By: Shi, X. J.; Zhang, P.  
APPLIED ENERGY Volume: 112 Special Issue: SI Pages: 1393-1402 Published: DEC 2013  
[Full Text from Publisher](#) [View Abstract](#) ▼ Times Cited: 32  
(from Web of Science Core Collection)
78. Title: [not available] Times Cited: 870

By: Sloan, E.; Koh, C.  
Clathrate Hydrates of Natural Gases Published: 2007  
Publisher: CRC Press

(from Web of Science Core  
Collection)

79. **Promotion Effect of Carbon Nanotubes-Doped SDS on Methane Hydrate Formation**  
By: Song, Yuanmei; Wang, Fei; Liu, Guoqiang; et al.  
ENERGY & FUELS Volume: 31 Issue: 2 Pages: 1850-1857 Published: FEB 2017  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 8**  
(from Web of Science Core Collection)
80. **Structural Basis for the Inhibition of Gas Hydrates by alpha-Helical Antifreeze Proteins**  
By: Sun, Tianjun; Davies, Peter L.; Walker, Virginia K.  
BIOPHYSICAL JOURNAL Volume: 109 Issue: 8 Pages: 1698-1705 Published: OCT 20 2015  
[Free Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 14**  
(from Web of Science Core Collection)
81. **CO2 processing and hydration of fruit and vegetable tissues by clathrate hydrate formation**  
By: Takeya, Satoshi; Nakano, Kohei; Thammawong, Manasikan; et al.  
FOOD CHEMISTRY Volume: 205 Pages: 122-128 Published: AUG 15 2016  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 5**  
(from Web of Science Core Collection)
82. **Gas Hydrate Inhibition: A Review of the Role of Ionic Liquids**  
By: Tariq, Mohammad; Rooney, David; Othman, Enas; et al.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 53 Issue: 46 Pages: 17855-17868 Published: NOV 19 2014  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 55**  
(from Web of Science Core Collection)
83. **Do We Have New Solutions to the Old Problem of Gas Hydrates?**  
By: Tohidi, Bahman; Anderson, Ross; Chapoy, Antonin; et al.  
ENERGY & FUELS Volume: 26 Issue: 7 Pages: 4053-4058 Published: JUL 2012  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 19**  
(from Web of Science Core Collection)
84. **Destructive extraction of phospholipids from Escherichia coli membranes by graphene nanosheets**  
By: Tu, Yusong; Lv, Min; Xiu, Peng; et al.  
NATURE NANOTECHNOLOGY Volume: 8 Issue: 8 Pages: 594-601 Published: AUG 2013  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 552**  
(from Web of Science Core Collection)  
 **Highly Cited Paper**
85. **GROMACS: Fast, flexible, and free**  
By: Van der Spoel, D; Lindahl, E; Hess, B; et al.  
JOURNAL OF COMPUTATIONAL CHEMISTRY Volume: 26 Issue: 16 Pages: 1701-1718 Published: DEC 2005  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 6,811**  
(from Web of Science Core Collection)
86. **A LEAP-FROG ALGORITHM FOR STOCHASTIC DYNAMICS**  
By: Van Gunsteren, W. F.; Berendsen, H. J. C.  
MOLECULAR SIMULATION Volume: 1 Issue: 3 Pages: 173-185 Published: 1988  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 509**  
(from Web of Science Core Collection)
87. **Hydrogen storage in clathrate hydrates: Current state of the art and future directions**  
By: Veluswamy, Hari Prakash; Kumar, Rajnish; Linga, Praveen  
APPLIED ENERGY Volume: 122 Pages: 112-132 Published: JUN 1 2014  
[Full Text from Publisher](#) [View Abstract](#) ▼ **Times Cited: 158**  
(from Web of Science Core Collection)  
 **Highly Cited Paper**
88. **Rapid methane hydrate formation to develop a cost effective large scale energy storage system**  
By: Veluswamy, Hari Prakash; Wong, Alison Jia Hui; Babu, Ponnivalavan; et al.  
CHEMICAL ENGINEERING JOURNAL Volume: 290 Pages: 161-173 Published: APR 15 2016  
**Times Cited: 71**  
(from Web of Science Core Collection)

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89. **Enhanced clathrate hydrate formation kinetics at near ambient temperatures and moderate pressures: Application to natural gas storage** **Times Cited: 47**  
(from Web of Science Core Collection)
- By: Veluswamy, Hari Prakash; Kumar, Sharad; Kumar, Rajnish; et al.  
FUEL Volume: 182 Pages: 907-919 Published: OCT 15 2016

 [View Abstract ▼](#)

90. **Morphology Study of Methane Hydrate Formation and Dissociation in the Presence of Amino Acid** **Times Cited: 36**  
(from Web of Science Core Collection)
- By: Veluswamy, Hari-Prakash; Hong, Qi Wei; Linga, Praveen  
CRYSTAL GROWTH & DESIGN Volume: 16 Issue: 10 Pages: 5932-5945 Published: OCT 2016

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