Yoshihiro Konno

List of Publications by Year
in descending order

42 papers	3,383 citations	159585 30 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	1093 citing authors

#	Article	IF	Citations
1	Influence of Flow Properties on Gas Productivity in Gas-Hydrate Reservoirs: What Can We Learn from Offshore Production Tests?. Energy & Fuels, 2021, 35, 8733-8741.	5.1	14
2	Methane Hydrate in Marine Sands: Its Reservoir Properties, Gas Production Behaviors, and Enhanced Recovery Methods. Journal of the Japan Petroleum Institute, 2021, 64, 113-122.	0.6	7
3	Mechanical properties of polycrystalline tetrahydrofuran hydrates as analogs for massive natural gas hydrates. Journal of Natural Gas Science and Engineering, 2021, 96, 104284.	4.4	11
4	Natural Gas Hydrates Recovered from the Umitaka Spur in the Joetsu Basin, Japan: Coexistence of Two Structure-I Hydrates with Distinctly Different Textures and Gas Compositions within a Massive Structure. ACS Earth and Space Chemistry, 2020, 4, 77-85.	2.7	14
5	Permeability variation and anisotropy of gas hydrate-bearing pressure-core sediments recovered from the Krishnaâ€“Godavari Basin, offshore India. Marine and Petroleum Geology, 2019, 108, 524-536.	3.3	113
6	Evaluation of failure modes and undrained shear strength by cone penetrometer for Natural Gas hydrate-bearing pressure-core sediment samples recovered from the Krishnaâ€“Godavari Basin, offshore India. Marine and Petroleum Geology, 2019, 108, 502-511.	3.3	12
7	Lithological properties of natural gas hydrateâ€“bearing sediments in pressure-cores recovered from the Krishnaâ€“Godavari Basin. Marine and Petroleum Geology, 2019, 108, 439-470.	3.3	40
8	In Situ Mechanical Properties of Shallow Gas Hydrate Deposits in the Deep Seabed. Geophysical Research Letters, 2019, 46, 14459-14468.	4.0	35
9	Numerical analysis of gas production potential from a gas-hydrate reservoir at Site NGHP-02-16, the Krishnaâ€“Godavari Basin, offshore Indiaâ€“Feasibility of depressurization method for ultra-deepwater environment. Marine and Petroleum Geology, 2019, 108, 731-740.	3.3	48
10	Crystallographic and geochemical properties of natural gas hydrates accumulated in the National Gas Hydrate Program Expedition 02 drilling sites in the Krishna-Godavari Basin off India. Marine and Petroleum Geology, 2019, 108, 471-481.	3.3	23
11	India National Gas Hydrate Program Expedition 02 summary of scientific results: Numerical simulation of reservoir response to depressurization. Marine and Petroleum Geology, 2019, 108, 154-166.	3.3	79
12	Pressure core based onshore laboratory analysis on mechanical properties of hydrate-bearing sediments recovered during India's National Gas Hydrate Program Expedition (NGHP) 02. Marine and Petroleum Geology, 2019, 108, 482-501.	3.3	76
13	Consolidation and hardening behavior of hydrate-bearing pressure-core sediments recovered from the Krishnaâ€“Godavari Basin, offshore India. Marine and Petroleum Geology, 2019, 108, 512-523.	3.3	55
14	Key Findings of the Worldâ€™s First Offshore Methane Hydrate Production Test off the Coast of Japan: Toward Future Commercial Production. Energy & Fuels, 2017, 31, 2607-2616.	5.1	472
15	Pressure-core-based reservoir characterization for geomechanics: Insights from gas hydrate drilling during 2012â€“2013 at the eastern Nankai Trough. Marine and Petroleum Geology, 2017, 86, 1-16.	3.3	112
16	Clathrate Hydrate Equilibrium in Methaneâ€“Water Systems with the Addition of Monosaccharide and Sugar Alcohol. Journal of Chemical & Engineering Data, 2017, 62, 440-444.	1.9	11
17	Thermal Data Analysis to Investigate Mass and Heat Transport during Methane Hydrate Dissociation Processes. , 2017, , .		4
18	Pore-scale modeling of flow in particle packs containing grain-coating and pore-filling hydrates: Verification of a Kozenyâ€“Carman-based permeability reduction model. Journal of Natural Gas Science and Engineering, 2017, 45, 537-551.	4.4	101

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19	In Situ Methane Hydrate Morphology Investigation: Natural Gas Hydrate-Bearing Sediment Recovered from the Eastern Nankai Trough Area. Energy & Fuels, 2016, 30, 5547-5554.	5.1	51
20	Hydrate Equilibrium Conditions for Water, Diethylene Glycol Monoethyl Ether Acetate, and Methane. Journal of Chemical & Engineering Data, 2016, 61, 3692-3697.	1.9	4
21	Hydraulic fracturing in methane-hydrate-bearing sand. RSC Advances, 2016, 6, 73148-73155.	3.6	99
22	Sustainable gas production from methane hydrate reservoirs by the cyclic depressurization method. Energy Conversion and Management, 2016, 108, 439-445.	9.2	101
23	Mechanical properties of hydrate-bearing turbidite reservoir in the first gas production test site of the Eastern Nankai Trough. Marine and Petroleum Geology, 2015, 66, 471-486.	3.3	207
24	Geological setting and characterization of a methane hydrate reservoir distributed at the first offshore production test site on the Daini-Atsumi Knoll in the eastern Nankai Trough, Japan. Marine and Petroleum Geology, 2015, 66, 310-322.	3.3	300
25	Lithological features of hydrate-bearing sediments and their relationship with gas hydrate saturation in the eastern Nankai Trough, Japan. Marine and Petroleum Geology, 2015, 66, 368-378.	3.3	93
26	Bulk sediment mineralogy of gas hydrate reservoir at the East Nankai offshore production test site. Marine and Petroleum Geology, 2015, 66, 379-387.	3.3	40
27	Chemical and crystallographic characterizations of natural gas hydrates recovered from a production test site in the eastern Nankai Trough. Marine and Petroleum Geology, 2015, 66, 396-403.	3.3	55
28	Permeability of sediment cores from methane hydrate deposit in the Eastern Nankai Trough. Marine and Petroleum Geology, 2015, 66, 487-495.	3.3	173
29	Mechanical behavior of hydrate-bearing pressure-core sediments visualized under triaxial compression. Marine and Petroleum Geology, 2015, 66, 451-459.	3.3	120
30	Effect of methane hydrate morphology on compressional wave velocity of sandy sediments: Analysis of pressure cores obtained in the Eastern Nankai Trough. Marine and Petroleum Geology, 2015, 66, 425-433.	3.3	66
31	Pressurized subsampling system for pressured gas-hydrate-bearing sediment: Microscale imaging using X-ray computed tomography. Review of Scientific Instruments, 2014, 85, 094502.	1.3	31
32	Experimental evaluation of the gas recovery factor of methane hydrate in sandy sediment. RSC Advances, 2014, 4, 51666-51675.	3.6	148
33	Multiple-pressure-tapped core holder combined with X-ray computed tomography scanning for gasâ€"water permeability measurements of methane-hydrate-bearing sediments. Review of Scientific Instruments, 2013, 84, 064501.	1.3	38
34	Growth of Methane Clathrate Hydrates in Porous Media. Energy & Fuels, 2012, 26, 2242-2247.	5.1	71
35	Dissociation Behavior of Methane Hydrate in Sandy Porous Media below the Quadruple Point. Energy & Fuels, 2012, 26, 4310-4320.	5.1	63
36	Depressurized dissociation of methane-hydrate-bearing natural cores with low permeability. Chemical Engineering Science, 2012, 68, 595-605.	3.8	70

#	Article	IF	Citations
37	SS - Gas Hydrate:Numerical Analysis on the Rate-Determining Factors of Depressurization-Induced Gas Production from Methane Hydrate Cores. , 2010, , .		3
38	Numerical Analysis of the Dissociation Experiment of Naturally Occurring Gas Hydrate in Sediment Cores Obtained at the Eastern Nankai Trough, Japan. Energy & Fuels, 2010, 24, 6353-6358.	5.1	80
39	Key Factors for Depressurization-Induced Gas Production from Oceanic Methane Hydrates. Energy & Fuels, 2010, 24, 1736-1744.	5.1	195
40	Dependence of Depressurization-Induced Dissociation of Methane Hydrate Bearing Laboratory Cores on Heat Transfer. Energy & Fuels, 2009, 23, 4995-5002.	5.1	131
41	Analysis on factors that determine the gas production rate during depressurization of methane hydrate cores. Journal of the Japanese Association for Petroleum Technology, 2009, 74, 165-174.	0.0	10
42	Dissociation Rate Analysis From Methane Hydrate-Bearing Core Samples by Using Depressurization or Depressurization With Well-Wall Heating Method. , 2008, , .		7