

Junbong Jang

List of Publications by Year in descending order

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24
papers

1,961
citations

430874

18
h-index

642732

23
g-index

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all docs

24
docs citations

24
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Particle Sizes, Mineralogy and Pore Fluid Chemistry on the Plasticity of Clayey Soils. Sustainability, 2021, 13, 11741.	3.2	4
2	An international code comparison study on coupled thermal, hydrologic and geomechanical processes of natural gas hydrate-bearing sediments. Marine and Petroleum Geology, 2020, 120, 104566.	3.3	80
3	Potential freshening impacts on fines migration and pore-throat clogging during gas hydrate production: 2-D micromodel study with Diatomaceous UBCH ₂ sediments. Marine and Petroleum Geology, 2020, 116, 104244.	3.3	8
4	Gas hydrate petroleum systems: What constitutes the "seal"? Interpretation, 2020, 8, T231-T248.	1.1	7
5	Permeability variation and anisotropy of gas hydrate-bearing pressure-core sediments recovered from the Krishna-Godavari Basin, offshore India. Marine and Petroleum Geology, 2019, 108, 524-536.	3.3	113
6	Downhole physical property-based description of a gas hydrate petroleum system in NGHP-02 Area C: A channel, levee, fan complex in the Krishna-Godavari Basin offshore eastern India. Marine and Petroleum Geology, 2019, 108, 272-295.	3.3	47
7	Pressure core analysis of geomechanical and fluid flow properties of seals associated with gas hydrate-bearing reservoirs in the Krishna-Godavari Basin, offshore India. Marine and Petroleum Geology, 2019, 108, 537-550.	3.3	44
8	Permeability anisotropy and relative permeability in sediments from the National Gas Hydrate Program Expedition 02, offshore India. Marine and Petroleum Geology, 2019, 108, 705-713.	3.3	82
9	2D micromodel study of clogging behavior of fine-grained particles associated with gas hydrate production in NGHP-02 gas hydrate reservoir sediments. Marine and Petroleum Geology, 2019, 108, 714-730.	3.3	52
10	Compressibility and particle crushing of Krishna-Godavari Basin sediments from offshore India: Implications for gas production from deep-water gas hydrate deposits. Marine and Petroleum Geology, 2019, 108, 697-704.	3.3	37
11	Characterization and Engineering Properties of Dry and Pondered Class-F Fly Ash. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	3.0	25
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	Physical property characteristics of gas hydrate-bearing reservoir and associated seal sediments collected during NGHP-02 in the Krishna-Godavari Basin, in the offshore of India. Marine and Petroleum Geology, 2019, 108, 249-271.	3.3	41
14	Time-Dependent Pore Filling. Water Resources Research, 2018, 54, 10,242.	4.2	4
15	Impact of Pore Fluid Chemistry on Fine-Grained Sediment Fabric and Compressibility. Journal of Geophysical Research: Solid Earth, 2018, 123, 5495-5514.	3.4	20
16	Closure to "Fines Classification Based on Sensitivity to Pore-Fluid Chemistry" by Junbong Jang and J. Carlos Santamarina. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	3.0	13
17	Capillary pressure across a pore throat in the presence of surfactants. Water Resources Research, 2016, 52, 9586-9599.	4.2	21
18	Fines Classification Based on Sensitivity to Pore-Fluid Chemistry. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2016, 142, .	3.0	76

#	ARTICLE	IF	CITATIONS
19	Hydro-bio-geomechanical properties of hydrate-bearing sediments from Nankai Trough. <i>Marine and Petroleum Geology</i> , 2015, 66, 434-450.	3.3	190
20	Gas Production from Hydrate-Bearing Sediments: The Role of Fine Particles. <i>Energy & Fuels</i> , 2012, 26, 480-487.	5.1	111
21	Hydraulic conductivity in spatially varying media-a pore-scale investigation. <i>Geophysical Journal International</i> , 2011, 184, 1167-1179.	2.4	70
22	Sustainable development and energy geotechnology " Potential roles for geotechnical engineering. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 611-621.	1.9	41
23	Physical properties of hydrate-bearing sediments. <i>Reviews of Geophysics</i> , 2009, 47, .	23.0	746
24	Pressure Core Characterization Tools for Hydrate-Bearing Sediments. <i>Scientific Drilling</i> , 0, 14, 44-48.	0.6	53