

Timothy Collett

List of Publications by Year in descending order

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46
papers

4,798
citations

185998

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276539

41
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66
all docs

66
docs citations

66
times ranked

1787
citing authors

#	ARTICLE	IF	CITATIONS
1	Current perspectives on gas hydrate resources. <i>Energy and Environmental Science</i> , 2011, 4, 1206-1215.	15.6	1,146
2	Toward Production From Gas Hydrates: Current Status, Assessment of Resources, and Simulation-Based Evaluation of Technology and Potential. <i>SPE Reservoir Evaluation and Engineering</i> , 2009, 12, 745-771.	1.1	335
3	Subsurface gas hydrates in the northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2012, 34, 4-30.	1.5	277
4	The Iññik Sikumi Field Experiment, Alaska North Slope: Design, Operations, and Implications for CO ₂ –CH ₄ Exchange in Gas Hydrate Reservoirs. <i>Energy & Fuels</i> , 2017, 31, 140-153.	2.5	240
5	Permafrost-associated natural gas hydrate occurrences on the Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 279-294.	1.5	192
6	Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Overview of scientific and technical program. <i>Marine and Petroleum Geology</i> , 2011, 28, 295-310.	1.5	173
7	Regional long-term production modeling from a single well test, Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 493-501.	1.5	170
8	Scientific results of the Second Gas Hydrate Drilling Expedition in the Ulleung Basin (UBGH2). <i>Marine and Petroleum Geology</i> , 2013, 47, 1-20.	1.5	158
9	Geologic implications of gas hydrates in the offshore of India: Results of the National Gas Hydrate Program Expedition 01. <i>Marine and Petroleum Geology</i> , 2014, 58, 3-28.	1.5	152
10	India National Gas Hydrate Program Expedition 02 Summary of Scientific Results: Gas hydrate systems along the eastern continental margin of India. <i>Marine and Petroleum Geology</i> , 2019, 108, 39-142.	1.5	146
11	Geological controls on the occurrence of gas hydrate from core, downhole log, and seismic data in the Shenhu area, South China Sea. <i>Marine Geology</i> , 2014, 357, 272-292.	0.9	142
12	Geologic implications of gas hydrates in the offshore of India: Krishna–Godavari Basin, Mahanadi Basin, Andaman Sea, Kerala–Konkan Basin. <i>Marine and Petroleum Geology</i> , 2014, 58, 29-98.	1.5	98
13	Elastic properties of gas hydrate-bearing sediments. <i>Geophysics</i> , 2001, 66, 763-771.	1.4	93
14	Physical properties of sediment from the Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 361-380.	1.5	91
15	Prospecting for marine gas hydrate resources. <i>Interpretation</i> , 2016, 4, SA13-SA24.	0.5	82
16	India National Gas Hydrate Program Expedition 02 summary of scientific results: Numerical simulation of reservoir response to depressurization. <i>Marine and Petroleum Geology</i> , 2019, 108, 154-166.	1.5	79
17	Downhole log evidence for the coexistence of structure II gas hydrate and free gas below the bottom simulating reflector in the South China Sea. <i>Marine and Petroleum Geology</i> , 2018, 98, 662-674.	1.5	73
18	Numerical simulations of depressurization-induced gas production from an interbedded turbidite gas hydrate-bearing sedimentary section in the offshore India: Site NGHP-02-16 (Area-B). <i>Marine and Petroleum Geology</i> , 2019, 108, 619-638.	1.5	70

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19	Geologic controls on gas hydrate occurrence in the Mount Elbert prospect, Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 589-607.	1.5	69
20	Formation pressure testing at the Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Operational summary, history matching, and interpretations. <i>Marine and Petroleum Geology</i> , 2011, 28, 478-492.	1.5	68
21	Electrical anisotropy of gas hydrate-bearing sand reservoirs in the Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2012, 34, 72-84.	1.5	55
22	Analysis of formation pressure test results in the Mount Elbert methane hydrate reservoir through numerical simulation. <i>Marine and Petroleum Geology</i> , 2011, 28, 502-516.	1.5	49
23	Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Coring operations, core sedimentology, and lithostratigraphy. <i>Marine and Petroleum Geology</i> , 2011, 28, 311-331.	1.5	49
24	Natural Gas Hydrates. , 2020, , 111-131.		46
25	Pressure core analysis of geomechanical and fluid flow properties of seals associated with gas hydrate-bearing reservoirs in the Krishna-Godavari Basin, offshore India. <i>Marine and Petroleum Geology</i> , 2019, 108, 537-550.	1.5	44
26	Gas geochemistry of the Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Implications for gas hydrate exploration in the Arctic. <i>Marine and Petroleum Geology</i> , 2011, 28, 343-360.	1.5	39
27	Review of Past Gas Production Attempts from Subsurface Gas Hydrate Deposits and Necessity of Long-Term Production Testing. <i>Energy & Fuels</i> , 2022, 36, 5047-5062.	2.5	37
28	Evaluation of Long-Term Gas-Hydrate-Production Testing Locations on the Alaska North Slope. <i>SPE Reservoir Evaluation and Engineering</i> , 2012, 15, 243-264.	1.1	35
29	Multiple physical properties of gas hydrate-bearing sediments recovered from Alaska North Slope 2018 Hydrate-01 Stratigraphic Test Well. <i>Marine and Petroleum Geology</i> , 2021, 123, 104748.	1.5	33
30	Natural Gas Hydrates of the Prudhoe Bay and Kuparuk River Area, North Slope, Alaska. <i>AAPG Bulletin</i> , 1993, 77, .	0.7	31
31	Pressure coring a Gulf of Mexico deep-water turbidite gas hydrate reservoir: Initial results from The University of Texas's Gulf of Mexico 2-1 (UT-GOM2-1) Hydrate Pressure Coring Expedition. <i>AAPG Bulletin</i> , 2020, 104, 1847-1876.	0.7	24
32	Evaluation of gas production potential from gas hydrate deposits in National Petroleum Reserve Alaska using numerical simulations. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 760-772.	2.1	23
33	Gas Hydrates as a Potential Energy Source: State of Knowledge and Challenges. , 2013, , 977-1033.		21
34	New Insights into the Occurrence and Implications of Mobile Water in Gas Hydrate Systems. <i>Energy & Fuels</i> , 2022, 36, 2447-2461.	2.5	18
35	Planning and Operations of the Hydrate 01 Stratigraphic Test Well, Prudhoe Bay Unit, Alaska North Slope. <i>Energy & Fuels</i> , 2022, 36, 3016-3039.	2.5	17
36	16. Evaluation of Natural Gas-Hydrate Systems Using Borehole Logs. , 2010, , 239-261.		16

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37	Observed correlation between the depth to base and top of gas hydrate occurrence from review of global drilling data. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2543-2561.	1.0	14
38	Pressure coring operations during The University of Texas-Gulf of Mexico 2-1 (UT-GOM2-1) Hydrate Pressure Coring Expedition in Green Canyon Block 955, northern Gulf of Mexico. <i>AAPG Bulletin</i> , 2020, 104, 1877-1901.	0.7	14
39	Gas Hydrate Saturation Estimates, Gas Hydrate Occurrence, and Reservoir Characteristics Based on Well Log Data from the Hydrate-01 Stratigraphic Test Well, Alaska North Slope. <i>Energy & Fuels</i> , 2022, 36, 3040-3050.	2.5	13
40	Scientific Results of the Hydrate-01 Stratigraphic Test Well Program, Western Prudhoe Bay Unit, Alaska North Slope. <i>Energy & Fuels</i> , 2022, 36, 5167-5184.	2.5	12
41	Permeability Measurement and Prediction with Nuclear Magnetic Resonance Analysis of Gas Hydrate-Bearing Sediments Recovered from Alaska North Slope 2018 Hydrate-01 Stratigraphic Test Well. <i>Energy & Fuels</i> , 2022, 36, 2515-2529.	2.5	11
42	Advanced Distributed Acoustic Sensing Vertical Seismic Profile Imaging of an Alaska North Slope Gas Hydrate Field. <i>Energy & Fuels</i> , 2022, 36, 3481-3495.	2.5	11
43	Introduction to special section: Exploration and characterization of gas hydrates. <i>Interpretation</i> , 2016, 4, SAI-SAii.	0.5	5
44	Virtual Special Issue of Recent Advances on Gas Hydrates Scientific Drilling in Alaska. <i>Energy & Fuels</i> , 2022, 36, 7921-7924.	2.5	5
45	DAS 3DVSP survey at Stratigraphic Test Well (Hydrate-01). , 2021, , .		4
46	Alaska North Slope Terrestrial Gas Hydrate Systems: Insights from Scientific Drilling. , 2022, , 195-206.		2