

# Timothy Collett

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6031636/timothy-collett-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

3,433  
citations

27  
h-index

58  
g-index

66  
ext. papers

4,072  
ext. citations

4.7  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
61	Current perspectives on gas hydrate resources. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 1206-1215	35.4	820
60	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> , <b>2009</b> , 12, 745-771	2.3	263
59	Subsurface gas hydrates in the northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , <b>2012</b> , 34, 4-30	4.7	210
58	The Iĳik Sikumi Field Experiment, Alaska North Slope: Design, Operations, and Implications for CO <sub>2</sub> /CH <sub>4</sub> Exchange in Gas Hydrate Reservoirs. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 140-153	4.1	164
57	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> , <b>2011</b> , 28, 493-501	4.7	143
56	Permafrost-associated natural gas hydrate occurrences on the Alaska North Slope. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 279-294	4.7	138
55	Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Overview of scientific and technical program. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 295-310	4.7	136
54	Scientific results of the Second Gas Hydrate Drilling Expedition in the Ullung Basin (UBGH2). <i>Marine and Petroleum Geology</i> , <b>2013</b> , 47, 1-20	4.7	123
53	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> , <b>2014</b> , 58, 3-28	4.7	121
52	Scientific Results from the Mallik 2002 Gas Hydrate Production Research Well Program, Mackenzie Delta, Northwest Territories, Canada <b>2005</b> ,		108
51	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> , <b>2014</b> , 357, 272-292	3.3	96
50	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> , <b>2019</b> , 108, 39-142	4.7	95
49	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> , <b>2014</b> , 58, 29-98	4.7	82
48	Physical properties of sediment from the Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 361-380	4.7	76
47	Elastic properties of gas hydrate-bearing sediments. <i>Geophysics</i> , <b>2001</b> , 66, 763-771	3.1	70
46	Prospecting for marine gas hydrate resources. <i>Interpretation</i> , <b>2016</b> , 4, SA13-SA24	1.4	61
45	Geologic controls on gas hydrate occurrence in the Mount Elbert prospect, Alaska North Slope. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 589-607	4.7	56

44	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> , <b>2011</b> , 28, 478-492	4-7	52
43	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> , <b>2019</b> , 108, 619-638	4-7	51
42	India National Gas Hydrate Program Expedition 02 summary of scientific results: Numerical simulation of reservoir response to depressurization. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 108, 154-166	4-7	46
41	Electrical anisotropy of gas hydrate-bearing sand reservoirs in the Gulf of Mexico. <i>Marine and Petroleum Geology</i> , <b>2012</b> , 34, 72-84	4-7	42
40	Analysis of formation pressure test results in the Mount Elbert methane hydrate reservoir through numerical simulation. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 502-516	4-7	41
39	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> , <b>2018</b> , 98, 662-674	4-7	41
38	Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope: Coring operations, core sedimentology, and lithostratigraphy. <i>Marine and Petroleum Geology</i> , <b>2011</b> , 28, 311-331	4-7	40
37	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> , <b>2019</b> , 108, 537-550	4-7	32
36	Overview of pressure-drawdown production-test results for the JAPEX/JNOC/GSC et al. Mallik 5L-38 gas hydrate production research well <b>2005</b> ,		30
35	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> , <b>2011</b> , 28, 343-360	4-7	27
34	Evaluation of Long-Term Gas-Hydrate-Production Testing Locations on the Alaska North Slope. <i>SPE Reservoir Evaluation and Engineering</i> , <b>2012</b> , 15, 243-264	2-3	25
33	Assessment of gas hydrate resources on the North Slope, Alaska, 2008. <i>U S Geological Survey Fact Sheet</i> ,		22
32	Natural Gas Hydrates <b>2020</b> , 111-131		19
31	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> , <b>2016</b> , 36, 760-772	4-6	17
30	Gas Hydrates as a Potential Energy Source: State of Knowledge and Challenges <b>2013</b> , 977-1033		16
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> , <b>2021</b> , 123, 104748	4-7	14
28	16. Evaluation of Natural Gas-Hydrate Systems Using Borehole Logs <b>2010</b> , 239-261		13
27	Indian National Gas Hydrate Program Expedition 01 report. <i>USGS Scientific Investigations Report</i> ,		12

26	Summary and implications of the Mallik 2002 Gas Hydrate Production Research Well Program <b>2005</b> ,		12
25	Pressure coring a Gulf of Mexico deep-water turbidite gas hydrate reservoir: Initial results from The University of Texas-Gulf of Mexico 2-1 (UT-GOM2-1) Hydrate Pressure Coring Expedition. <i>AAPG Bulletin</i> , <b>2020</b> , 104, 1847-1876	2.5	10
24	Review of Past Gas Production Attempts from Subsurface Gas Hydrate Deposits and Necessity of Long-Term Production Testing. <i>Energy &amp; Fuels</i> ,	4.1	9
23	Observed correlation between the depth to base and top of gas hydrate occurrence from review of global drilling data. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 2543-2561	3.6	8
22	Natural Gas Hydrates of the Prudhoe Bay and Kuparuk River Area, North Slope, Alaska. <i>AAPG Bulletin</i> , <b>1993</b> , 77,	2.5	7
21	Geochemistry of natural gas, North Slope, Alaska: implications for gas resources, NPRA. <i>US Geological Survey Open-File Report</i> ,		7
20	Planning and Operations of the Hydrate 01 Stratigraphic Test Well, Prudhoe Bay Unit, Alaska North Slope. <i>Energy &amp; Fuels</i> , <b>2022</b> , 36, 3016-3039	4.1	7
19	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> , <b>2020</b> , 104, 1877-1901	2.5	6
18	A method of Shaly sand correction for estimating gas hydrate saturations using downhole electrical resistivity log data. <i>USGS Scientific Investigations Report</i> ,		6
17	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 &amp; Fuels</i> , <b>2022</b> , 36, 2515-2529	4.1	6
16	New Insights into the Occurrence and Implications of Mobile Water in Gas Hydrate Systems. <i>Energy &amp; Fuels</i> , <b>2022</b> , 36, 2447-2461	4.1	6
15	Alaska North Slope gas hydrate energy resources. <i>US Geological Survey Open-File Report</i> ,		5
14	Scientific Results of the Hydrate-01 Stratigraphic Test Well Program, Western Prudhoe Bay Unit, Alaska North Slope. <i>Energy &amp; Fuels</i> ,	4.1	5
13	DAS 3DVSP survey at Stratigraphic Test Well (Hydrate-01) <b>2021</b> ,		4
12	Assessing gas-hydrate prospects on the North Slope of Alaska—Theoretical considerations. <i>USGS Scientific Investigations Report</i> ,		4
11	Brookian sequence well log correlation sections and occurrence of gas hydrates, north-central North Slope, Alaska. <i>USGS Scientific Investigations Report</i> ,		4
10	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 &amp; Fuels</i> , <b>2022</b> , 36, 3040-3050	4.1	4
9	Advanced Distributed Acoustic Sensing Vertical Seismic Profile Imaging of an Alaska North Slope Gas Hydrate Field. <i>Energy &amp; Fuels</i> , <b>2022</b> , 36, 3481-3495	4.1	4

8	Assessment of undiscovered gas hydrate resources in the North Slope of Alaska, 2018. <i>US Geological Survey Fact Sheet</i> ,		3
7	Gas hydrate prospecting using well cuttings and mud-gas geochemistry from 35 wells, North Slope, Alaska. <i>USGS Scientific Investigations Report</i> ,		3
6	UT-GOM2-1 Hydrate Pressure Coring Expedition (Chapter 2. Expedition Methods) <b>2018</b> ,		2
5	Molecular and isotopic analyses of the hydrocarbon gases within gas hydrate-bearing rock units of the Prudhoe Bay-Kuparuk River area in northern Alaska. <i>US Geological Survey Open-File Report</i> ,		2
4	Controls on the physical properties of gas-hydrate-bearing sediments because of the interaction between gas hydrate and porous media. <i>USGS Scientific Investigations Report</i> ,		2
3	UT-GOM2-1 Hydrate Pressure Coring Expedition Summary (Chapter 1. Expedition Summary) <b>2018</b> ,		2
2	Introduction to special section: Exploration and characterization of gas hydrates. <i>Interpretation</i> , <b>2016</b> , 4, SAI-SAii	1.4	2
1	Alaska North Slope Terrestrial Gas Hydrate Systems: Insights from Scientific Drilling <b>2022</b> , 195-206		1