

# Timothy Collett

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6031636/publications.pdf>

Version: 2024-02-01

46  
papers

4,798  
citations

186265

28  
h-index

276875

41  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alaska North Slope Terrestrial Gas Hydrate Systems: Insights from Scientific Drilling. , 2022, , 195-206.		2
2	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. Energy & Fuels, 2022, 36, 2515-2529.	5.1	11
3	New Insights into the Occurrence and Implications of Mobile Water in Gas Hydrate Systems. Energy & Fuels, 2022, 36, 2447-2461.	5.1	18
4	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. Energy & Fuels, 2022, 36, 3040-3050.	5.1	13
5	Planning and Operations of the Hydrate 01 Stratigraphic Test Well, Prudhoe Bay Unit, Alaska North Slope. Energy & Fuels, 2022, 36, 3016-3039.	5.1	17
6	Advanced Distributed Acoustic Sensing Vertical Seismic Profile Imaging of an Alaska North Slope Gas Hydrate Field. Energy & Fuels, 2022, 36, 3481-3495.	5.1	11
7	Review of Past Gas Production Attempts from Subsurface Gas Hydrate Deposits and Necessity of Long-Term Production Testing. Energy & Fuels, 2022, 36, 5047-5062.	5.1	37
8	Scientific Results of the Hydrate-01 Stratigraphic Test Well Program, Western Prudhoe Bay Unit, Alaska North Slope. Energy & Fuels, 2022, 36, 5167-5184.	5.1	12
9	Virtual Special Issue of Recent Advances on Gas Hydrates Scientific Drilling in Alaska. Energy & Fuels, 2022, 36, 7921-7924.	5.1	5
10	Multiple physical properties of gas hydrate-bearing sediments recovered from Alaska North Slope 2018 Hydrate-01 Stratigraphic Test Well. Marine and Petroleum Geology, 2021, 123, 104748.	3.3	33
11	DAS 3DVSP survey at Stratigraphic Test Well (Hydrate-01). , 2021, , .		4
12	Natural Gas Hydrates. , 2020, , 111-131.		46
13	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. AAPG Bulletin, 2020, 104, 1877-1901.	1.5	14
14	Pressure coring a Gulf of Mexico deep-water turbidite gas hydrate reservoir: Initial results from The University of Texasâ€™ Gulf of Mexico 2-1 (UT-GOM2-1) Hydrate Pressure Coring Expedition. AAPG Bulletin, 2020, 104, 1847-1876.	1.5	24
15	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
16	India National Gas Hydrate Program Expedition 02 Summary of Scientific Results: Gas hydrate systems along the eastern continental margin of India. Marine and Petroleum Geology, 2019, 108, 39-142.	3.3	146
17	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). Marine and Petroleum Geology, 2019, 108, 619-638.	3.3	70
18	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

#	ARTICLE	IF	CITATIONS
19	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.	3.3	73
20	The Iñik 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> , 2017, 31, 140-153.	5.1	240
21	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.	2.5	14
22	Introduction to special section: Exploration and characterization of gas hydrates. <i>Interpretation</i> , 2016, 4, SAi-SAii.	1.1	5
23	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.	4.4	23
24	Prospecting for marine gas hydrate resources. <i>Interpretation</i> , 2016, 4, SA13-SA24.	1.1	82
25	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.	2.1	142
26	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.	3.3	98
27	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.	3.3	152
28	Scientific results of the Second Gas Hydrate Drilling Expedition in the Ullung Basin (UBGH2). <i>Marine and Petroleum Geology</i> , 2013, 47, 1-20.	3.3	158
29	Gas Hydrates as a Potential Energy Source: State of Knowledge and Challenges. , 2013, , 977-1033.		21
30	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.	1.8	35
31	Electrical anisotropy of gas hydrate-bearing sand reservoirs in the Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2012, 34, 72-84.	3.3	55
32	Subsurface gas hydrates in the northern Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2012, 34, 4-30.	3.3	277
33	Current perspectives on gas hydrate resources. <i>Energy and Environmental Science</i> , 2011, 4, 1206-1215.	30.8	1,146
34	Permafrost-associated natural gas hydrate occurrences on the Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 279-294.	3.3	192
35	Geologic controls on gas hydrate occurrence in the Mount Elbert prospect, Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 589-607.	3.3	69
36	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.	3.3	49

#	ARTICLE	IF	CITATIONS
37	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.	3.3	91
38	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.	3.3	170
39	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.	3.3	49
40	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.	3.3	39
41	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.	3.3	68
42	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.	3.3	173
43	16. Evaluation of Natural Gas-Hydrate Systems Using Borehole Logs. , 2010, , 239-261.		16
44	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.	1.8	335
45	Elastic properties of gas hydrate-bearing sediments. <i>Geophysics</i> , 2001, 66, 763-771.	2.6	93
46	Natural Gas Hydrates of the Prudhoe Bay and Kuparuk River Area, North Slope, Alaska. <i>AAPG Bulletin</i> , 1993, 77, .	1.5	31