

Assessment of Undiscovered Oil and Gas in the Arctic

Science

324, 1175-1179

DOI: [10.1126/science.1169467](https://doi.org/10.1126/science.1169467)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Glacial to postglacial transformation of organic input pathways in Arctic Ocean basins. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	1.9	7
2	Source identification of short-lived air pollutants in the Arctic using statistical analysis of measurement data and particle dispersion model output. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 669-693.	1.9	218
3	Aggregation Methodology for the Circum-Arctic Resource Appraisal. <i>Mathematical Geosciences</i> , 2010, 42, 583-594.	1.4	9
4	Geology and hydrocarbon resources of the continental shelf in Russian Arctic seas and the prospects of their development. <i>Russian Geology and Geophysics</i> , 2010, 51, 3-11.	0.3	65
5	Sensitivity of Polar and Temperate Marine Organisms to Oil Components. <i>Environmental Science & Technology</i> , 2011, 45, 9017-9023.	4.6	52
6	Peak oil and energy policy—a critique. <i>Oxford Review of Economic Policy</i> , 2011, 27, 68-91.	1.0	25
7	Arctic Warming Ripples through Eurasia. <i>Eurasian Geography and Economics</i> , 2011, 52, 56-78.	1.7	10
8	Agents of Change in the New North. <i>Eurasian Geography and Economics</i> , 2011, 52, 30-55.	1.7	8
9	Offshore pipeline protection against seabed gouging by ice: An overview. <i>Cold Regions Science and Technology</i> , 2011, 69, 3-20.	1.6	36
10	Chapter 1 An overview of the petroleum geology of the Arctic. <i>Geological Society Memoir</i> , 2011, 35, 1-15.	0.9	24
11	Chapter 49 A first look at the petroleum geology of the Lomonosov Ridge microcontinent, Arctic Ocean. <i>Geological Society Memoir</i> , 2011, 35, 751-769.	0.9	8
12	Worldwide distribution and significance of secondary microbial methane formed during petroleum biodegradation in conventional reservoirs. <i>Organic Geochemistry</i> , 2011, 42, 184-207.	0.9	200
13	Alkane and PAH biomarkers as tracers of terrigenous organic carbon in Arctic Ocean sediments. <i>Organic Geochemistry</i> , 2011, 42, 1109-1109.	0.9	113
14	Russian Arctic Petroleum Resources. <i>Oil and Gas Science and Technology</i> , 2011, 66, 899-910.	1.4	8
15	Future emissions from shipping and petroleum activities in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5305-5320.	1.9	129
16	Deepwater Drilling for Arctic Oil and Gas Resources Development: A Conceptual Study in the Beaufort Sea. , 2011, , .		2
17	La politique Énergétique de la Russie en Arctique. <i>Etudes Internationales</i> , 2011, 42, 145-158.	0.1	2
18	Assessment of Satellite Constellations for Arctic Broadband Communications. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	The Arctic scramble: Introducing claims in a contest model. <i>European Journal of Political Economy</i> , 2011, 27, 693-707.	1.0	7
20	Cooperation or Conflict in a Changing Arctic?. <i>Ocean Development and International Law</i> , 2011, 42, 173-210.	0.2	30
21	Chapter 9 Oil and gas resource potential north of the Arctic Circle. <i>Geological Society Memoir</i> , 2011, 35, 151-161.	0.9	16
22	The first demersal trawl survey of benthic fish and invertebrates in the Beaufort Sea since the late 1970s. <i>Polar Biology</i> , 2011, 34, 475-488.	0.5	92
23	Between markets and geo-politics: natural resource exploitation on Spitsbergen from 1600 to the present day. <i>Polar Record</i> , 2011, 47, 29-39.	0.4	37
24	Chapter 29 The potential for hydrocarbon resource development on the Russian Arctic Ocean Shelf. <i>Geological Society Memoir</i> , 2011, 35, 443-449.	0.9	3
25	Chapter 42 Greenland petroleum exploration: history, breakthroughs in understanding and future challenges. <i>Geological Society Memoir</i> , 2011, 35, 647-661.	0.9	7
26	Chapter 8 US Geological Survey Circum-Arctic Resource Appraisal (CARA): introduction and summary of organization and methods. <i>Geological Society Memoir</i> , 2011, 35, 145-150.	0.9	5
27	Scientific challenges in the Arctic: Open water. <i>Nature</i> , 2011, 478, 174-177.	13.7	12
28	Divergent long-term trajectories of human access to the Arctic. <i>Nature Climate Change</i> , 2011, 1, 156-160.	8.1	187
29	Chapter 43 Assessment of NE Greenland: prototype for development of Circum-Arctic Resource Appraisal methodology. <i>Geological Society Memoir</i> , 2011, 35, 663-672.	0.9	12
30	Integrated Coastal and Estuarine Management in Arctic Coastal Systems. , 2011, , 265-288.		1
31	Chapter 44 Geology and petroleum potential of the Lincoln Sea Basin, offshore North Greenland. <i>Geological Society Memoir</i> , 2011, 35, 673-684.	0.9	4
32	Chapter 46 Scientific deep-sea drilling in high northern latitudes. <i>Geological Society Memoir</i> , 2011, 35, 703-714.	0.9	0
33	Chapter 48 Geology and petroleum potential of the Eurasia Basin. <i>Geological Society Memoir</i> , 2011, 35, 731-750.	0.9	4
34	Our Common Future in the Arctic Ocean. <i>Round Table</i> , 2012, 101, 123-135.	0.2	3
35	The Arctic: Past or Prologue?. <i>Environment</i> , 2012, 54, 3-13.	0.8	1
36	Dynamic estimation of drifting ice topography using underwater mobile measurements. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
37	Arctic Stewardship: Maintaining Regional Resilience in an Era of Global Change. Ethics and International Affairs, 2012, 26, 407-420.	0.5	6
38	Climate Change and the Capitalist State in the Canadian Arctic: Interrogating Canada's Northern Strategy. Studies in Political Economy, 2012, 90, 87-114.	0.5	4
39	Development of SCS Sandwich Composite Shell for Arctic Caissons. , 2012, , .		10
40	Systematic Evaluation of Unconventional Resource Plays Using a New Play-Based Exploration Methodology. , 2012, , .		8
41	Geologic methane seeps along boundaries of Arctic permafrost thaw and melting glaciers. Nature Geoscience, 2012, 5, 419-426.	5.4	211
42	A circumpolar monitoring framework for polar bears. Ursus, 2012, 23, 1-66.	0.3	55
43	China's emerging Arctic strategy. Polar Journal, 2012, 2, 358-371.	0.4	39
44	Building an international regime complex for the Arctic: current status and next steps. Polar Journal, 2012, 2, 391-407.	0.4	47
45	The Arctic: No big bonanza for the global petroleum industry. Energy Economics, 2012, 34, 1465-1474.	5.6	22
46	Tectonic and Basin maps of the world. , 2012, , 970-1151.		2
47	Source of molten elemental sulfur and hydrogen sulfide from the Inigok well, northern Alaska. AAPG Bulletin, 2012, 96, 337-354.	0.7	10
48	Bioaccumulation of petroleum hydrocarbons in arctic amphipods in the oil development area of the Alaskan Beaufort Sea. Integrated Environmental Assessment and Management, 2012, 8, 301-319.	1.6	15
49	Tributyltin Contamination and Imposex in Alaska Harbors. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 245-249.	1.3	9
50	Energy Resources and Policy. , 2013, , 37-51.		7
51	Assessment and exploration risking workflows for conventional and unconventional Arctic resources: Applications on the Alaska North Slope. The Leading Edge, 2013, 32, 564-572.	0.4	2
52	Environmental Security in the Arctic Ocean. NATO Science for Peace and Security Series C: Environmental Security, 2013, , .	0.1	17
53	Modeling foraging range for breeding colonies of thick-billed murres Uria lomvia in the Eastern Canadian Arctic and potential overlap with industrial development. Biological Conservation, 2013, 168, 134-143.	1.9	34
54	Chemical and biological assessment of two offshore drilling sites in the Alaskan Arctic. Marine Environmental Research, 2013, 86, 35-45.	1.1	18

#	ARTICLE	IF	CITATIONS
55	Narwhals and seismic exploration: Is seismic noise increasing the risk of ice entrapments?. <i>Biological Conservation</i> , 2013, 158, 50-54.	1.9	55
56	Rethinking geopolitics in an era of climate change. <i>Geo Journal</i> , 2013, 78, 507-524.	1.7	20
57	Vast costs of Arctic change. <i>Nature</i> , 2013, 499, 401-403.	13.7	137
58	Media and the Politics of Arctic Climate Change. , 2013, , .		22
59	Basin seismic stratigraphy and aspects of prospectivity in the NE Baffin Bay, Northwest Greenland. <i>Marine and Petroleum Geology</i> , 2013, 46, 1-18.	1.5	38
60	Basement inhomogeneities and crustal setting in the Barents Sea from a combined 3D gravity and magnetic model. <i>Geophysical Journal International</i> , 2013, 193, 557-584.	1.0	39
61	Mapping human interaction with the Bering Sea ecosystem: Comparing seasonal use areas, lifetime use areas, and "calorie-sheds". <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 94, 292-300.	0.6	5
62	Modelling bioaccumulation of oil constituents in aquatic species. <i>Marine Pollution Bulletin</i> , 2013, 76, 178-186.	2.3	19
63	Accounting for uncertainty in oil and gas development impacts to wildlife in Alaska. <i>Conservation Letters</i> , 2013, 6, 350-358.	2.8	11
65	Source apportionment of particles at Station Nord, North East Greenland during 2008-2010 using COPREM and PMF analysis. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 35-49.	1.9	75
68	Knowing Where To Start: Assessment of Methane Resources with Petroleum Systems Modeling. , 2013, , .		0
69	Assessing Unconventional Resources Using an Integrated Petroleum Systems Approach. , 2013, , .		0
70	Laboratory measurements of high-frequency, broadband acoustic scattering of growing sea ice and oil beneath sea ice. <i>Proceedings of Meetings on Acoustics</i> , 2014, , .	0.3	3
71	The rise of Asia in a changing Arctic: a view from Iceland. <i>Polar Geography</i> , 2014, 37, 215-233.	0.8	5
72	Urban sustainability in Russia's Arctic: lessons from a recent conference and areas for further investigations. <i>Polar Geography</i> , 2014, 37, 193-214.	0.8	11
73	Frontier Oil and Gas. , 2014, , 75-93.		2
74	The state of climate change adaptation in the Arctic. <i>Environmental Research Letters</i> , 2014, 9, 104005.	2.2	48
76	Full-wavefield inversion of surface waves for mapping embedded low-velocity zones in permafrost. <i>Geophysics</i> , 2014, 79, EN107-EN124.	1.4	73

#	ARTICLE	IF	CITATIONS
77	The environment and emancipation in critical security studies: the case of the Canadian Arctic. <i>Critical Studies on Security</i> , 2014, 2, 105-119.	0.9	11
78	Arctic Sea Ice Extent Forecasting Using Support Vector Regression. , 2014, , .		2
80	Commercial Arctic shipping through the Northeast Passage: routes, resources, governance, technology, and infrastructure. <i>Polar Geography</i> , 2014, 37, 298-324.	0.8	199
81	Development of operational standards for arctic oil and gas operations. , 2014, , .		1
82	Impact fracture energy of structural steel welds constructed at low ambient temperatures. <i>Construction and Building Materials</i> , 2014, 50, 394-400.	3.2	10
83	Trophodynamics and organic matter assimilation pathways in the northeast Chukchi Sea, Alaska. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 102, 84-96.	0.6	56
84	Polycyclic aromatic and aliphatic hydrocarbons in Chukchi Sea biota and sediments and their toxicological response in the Arctic cod, <i>Boreogadus saida</i> . <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 102, 32-55.	0.6	27
85	The Arctic: A new region of conflict? The case of oil and gas. <i>Cooperation and Conflict</i> , 2014, 49, 162-190.	0.6	61
86	Numerical modeling of coupled seabed scour and pipe interaction. <i>International Journal of Solids and Structures</i> , 2014, 51, 3449-3460.	1.3	5
88	Effects of lithosphere buckling on subsidence and hydrocarbon maturation: A case-study from the ultra-deep East Barents Sea basin. <i>Earth and Planetary Science Letters</i> , 2014, 407, 123-133.	1.8	14
89	A trophic mass balance model of the eastern Chukchi Sea with comparisons to other high-latitude systems. <i>Polar Biology</i> , 2014, 37, 911-939.	0.5	58
90	Arctic shipping and marine invaders. <i>Nature Climate Change</i> , 2014, 4, 413-416.	8.1	123
91	Potential impacts of oil and gas development and climate change on migratory reindeer calving grounds across the Russian Arctic. <i>Diversity and Distributions</i> , 2014, 20, 416-429.	1.9	15
92	A Monte Carlo simulation based two-stage adaptive resonance theory mapping approach for offshore oil spill vulnerability index classification. <i>Marine Pollution Bulletin</i> , 2014, 86, 434-442.	2.3	16
93	Mechanical properties of normal strength mild steel and high strength steel S690 in low temperature relevant to Arctic environment. <i>Materials & Design</i> , 2014, 61, 150-159.	5.1	119
94	Games in the Arctic: applying game theory insights to Arctic challenges. <i>Polar Research</i> , 2014, 33, 23357.	1.6	8
95	Identifying polar bear resource selection patterns to inform offshore development in a dynamic and changing Arctic. <i>Ecosphere</i> , 2014, 5, 1-24.	1.0	72
96	Land cover and land use changes in the oil and gas regions of Northwestern Siberia under changing climatic conditions. <i>Environmental Research Letters</i> , 2015, 10, 124020.	2.2	25

#	ARTICLE	IF	CITATIONS
97	The evolution of hydrocarbon systems in the North Kara sea: Evidence from 2D modeling. Moscow University Geology Bulletin, 2015, 70, 97-106.	0.0	4
98	Gas hydrate inhibition by perturbation of liquid water structure. Scientific Reports, 2015, 5, 11526.	1.6	103
99	History Matching of Electromagnetically Heated Reservoirs Incorporating Full-Wavefield Seismic and Electromagnetic Imaging. SPE Journal, 2015, 20, 923-941.	1.7	25
100	Laboratory measurements of high-frequency, acoustic broadband backscattering from sea ice and crude oil. Journal of the Acoustical Society of America, 2015, 137, EL32-EL38.	0.5	5
101	Arctic Development of the Canadian Beaufort Sea, Geohazards and Export Route Options. , 2015, , .		3
102	Revisiting the potential of melt pond fraction as a predictor for the seasonal Arctic sea ice extent minimum. Environmental Research Letters, 2015, 10, 054017.	2.2	39
103	Distribution of PAHs and the PAH-degrading bacteria in the deep-sea sediments of the high-latitude Arctic Ocean. Biogeosciences, 2015, 12, 2163-2177.	1.3	79
104	Conservation Issues: Polar Seas. , 2015, , .		0
105	Quantifying Emerging Local Anthropogenic Emissions in the Arctic Region: The ACCESS Aircraft Campaign Experiment. Bulletin of the American Meteorological Society, 2015, 96, 441-460.	1.7	60
106	Online Reconstruction of Drifting Underwater Ice Topography: The 2D case. Asian Journal of Control, 2015, 17, 1509-1521.	1.9	2
107	Success in heading north?: South Korea's master plan for Arctic policy. Marine Policy, 2015, 61, 264-272.	1.5	12
108	The geographical distribution of fossil fuels unused when limiting global warming to 2°C. Nature, 2015, 517, 187-190.	13.7	1,391
109	Challenges to global mineral resource security and options for future supply. Geological Society Special Publication, 2015, 393, 265-276.	0.8	56
110	Extreme small-scale wind episodes over the Barents Sea: When, where and why?. Climate Dynamics, 2015, 45, 2137-2150.	1.7	11
111	Spreading Oil, Spreading Conflict? Institutions Regulating Arctic Oil and Gas Activities. International Spectator, 2015, 50, 85-110.	1.0	9
112	The Northern Sea Route. , 2015, , .		8
113	Extension across the Laptev Sea continental rifts constrained by gravity modeling. Tectonics, 2015, 34, 435-448.	1.3	18
114	Spatial, temporal, and source variations of hydrocarbons in marine sediments from Baffin Bay, Eastern Canadian Arctic. Science of the Total Environment, 2015, 506-507, 430-443.	3.9	34

#	ARTICLE	IF	CITATIONS
115	Assessments, models and international politics of the Arctic: why the "New North" narrative includes only bomber, polar bear, oil, and gas deposit models, and no original parts or an assembly manual. <i>Polar Journal</i> , 2015, 5, 35-58.	0.4	1
116	Session report: offshore geotechnics at ICPMG 2014. <i>International Journal of Physical Modelling in Geotechnics</i> , 2015, 15, 98-115.	0.5	1
117	Permafrost-Associated Gas Hydrate: Is It Really Approximately 1 % of the Global System?. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 429-436.	1.0	81
118	Broadband acoustic backscatter from crude oil under laboratory-grown sea ice. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2274-2287.	0.5	12
119	Legal Instruments for Marine Sanctuary in the High Arctic. <i>Laws</i> , 2016, 5, 20.	0.5	2
120	Retrieval of Melt Ponds on Arctic Multiyear Sea Ice in Summer from TerraSAR-X Dual-Polarization Data Using Machine Learning Approaches: A Case Study in the Chukchi Sea with Mid-Incidence Angle Data. <i>Remote Sensing</i> , 2016, 8, 57.	1.8	23
121	Mechanisms of Sedimentary Filling & Hydrocarbon Accumulation of Multi-Cycle Superimposed Basin of the East Barents Sea. , 2016, , .		0
122	Assessment of global unconventional oil and gas resources. <i>Petroleum Exploration and Development</i> , 2016, 43, 925-940.	3.0	198
124	A quantitative assessment of Arctic shipping in 2010-2014. <i>Scientific Reports</i> , 2016, 6, 30682.	1.6	140
125	GNSS Integrity in The Arctic. <i>Navigation, Journal of the Institute of Navigation</i> , 2016, 63, 469-492.	1.7	16
126	Damage plasticity based numerical analysis on steel-concrete-steel sandwich shells used in the Arctic offshore structure. <i>Engineering Structures</i> , 2016, 117, 542-559.	2.6	48
127	Governing the Bering Strait Region: Current Status, Emerging Issues and Future Options. <i>Ocean Development and International Law</i> , 2016, 47, 186-217.	0.2	27
128	Energy justice in the Arctic: Implications for energy infrastructural development in the Arctic. <i>Energy Research and Social Science</i> , 2016, 16, 141-146.	3.0	54
129	Explosive Volcanism in the Deep Sea. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 241-247.	0.1	0
130	Arctic in Rapid Transition: Priorities for the future of marine and coastal research in the Arctic. <i>Polar Science</i> , 2016, 10, 364-373.	0.5	14
131	Fold belts and sedimentary basins of the Eurasian Arctic. <i>Arktos</i> , 2016, 2, 1.	1.0	51
132	Governing the Arctic Ocean. <i>Marine Policy</i> , 2016, 72, 271-277.	1.5	30
133	Simulating Gas-Liquid-Water Partitioning and Fluid Properties of Petroleum under Pressure: Implications for Deep-Sea Blowouts. <i>Environmental Science & Technology</i> , 2016, 50, 7397-7408.	4.6	63

#	ARTICLE	IF	CITATIONS
134	Future Development of the World Ocean Mining for the Industry. <i>Procedia Engineering</i> , 2016, 150, 2150-2156.	1.2	33
135	Resources, Rights and Communities: Extractive Mega-Projects and Local People in the Russian Arctic. <i>Europe-Asia Studies</i> , 2016, 68, 1220-1244.	0.3	35
137	Assessment of Cleavage Fracture in Specimens with a Curved Crack Front for High-Strength Steels in Offshore Applications. <i>Procedia Structural Integrity</i> , 2016, 2, 2046-2053.	0.3	1
138	Securing sustainability: the case for critical environmental security in the Arctic. <i>Polar Record</i> , 2016, 52, 660-671.	0.4	18
139	El Niño (Southern Oscillation). <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 216-217.	0.1	0
140	Individual and molecular level effects of produced water contaminants on nauplii and adult females of <i>Calanus finmarchicus</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 585-601.	1.1	19
141	Numerical studies on shear resistance of headed stud connectors in different concretes under Arctic low temperature. <i>Materials and Design</i> , 2016, 112, 184-196.	3.3	19
143	Where the continent ends. <i>Geophysical Research Letters</i> , 2016, 43, 12,208.	1.5	12
144	Dissolved methane in the Beaufort Sea and the Arctic Ocean, 1992–2009; sources and atmospheric flux. <i>Limnology and Oceanography</i> , 2016, 61, S300.	1.6	26
145	Living on the edge of a shrinking habitat: the ivory gull, <i>Pagophila eburnea</i> , an endangered sea-ice specialist. <i>Biology Letters</i> , 2016, 12, 20160277.	1.0	20
146	Patterns of Sea Ice Retreat in the Transition to a Seasonally Ice-Free Arctic. <i>Journal of Climate</i> , 2016, 29, 6993-7008.	1.2	30
147	Biotic and abiotic controls on co-occurring nitrogen cycling processes in shallow Arctic shelf sediments. <i>Nature Communications</i> , 2016, 7, 13145.	5.8	62
148	Novel solar sail mission concepts for high-latitude Earth and lunar observation. , 2016, , .		0
149	Forecasting the relative influence of environmental and anthropogenic stressors on polar bears. <i>Ecosphere</i> , 2016, 7, e01370.	1.0	92
150	Financial market response to extreme events indicating climatic change. <i>European Physical Journal: Special Topics</i> , 2016, 225, 527-538.	1.2	15
151	Experimental set-up for determination of the large-strain tensile behaviour of polymers at low temperatures. <i>Polymer Testing</i> , 2016, 53, 305-313.	2.3	18
152	Punching shear behavior of steel–concrete–steel sandwich composite plate under patch loads. <i>Journal of Constructional Steel Research</i> , 2016, 121, 50-64.	1.7	34
153	Offshore produced water management: A review of current practice and challenges in harsh/Arctic environments. <i>Marine Pollution Bulletin</i> , 2016, 104, 7-19.	2.3	98

#	ARTICLE	IF	CITATIONS
154	Steel-concrete-steel sandwich system in Arctic offshore structure: Materials, experiments, and design. <i>Materials and Design</i> , 2016, 91, 111-121.	3.3	68
155	Punching shear resistance of steel-concrete-steel sandwich composite shell structure. <i>Engineering Structures</i> , 2016, 117, 470-485.	2.6	36
156	Elastomer composites based on filler with negative thermal expansion coefficient in sealing application. <i>Archive of Applied Mechanics</i> , 2016, 86, 351-360.	1.2	9
157	Modernisation of the Russian Energy Sector: Constraints on Utilising Arctic Offshore Oil Resources. <i>Europe-Asia Studies</i> , 2016, 68, 38-63.	0.3	19
158	The work of networks: Embedding firms, transport, and the state in the Russian Arctic oil and gas sector. <i>Environment and Planning A</i> , 2016, 48, 558-576.	2.1	34
159	Mitigation implications of an ice-free summer in the Arctic Ocean. <i>Earth's Future</i> , 2017, 5, 59-66.	2.4	8
160	Complacency or resilience? Perceptions of environmental and social change in Lofoten and VesterÅlen in northern Norway. <i>Ocean and Coastal Management</i> , 2017, 138, 29-37.	2.0	15
161	Polycyclic aromatic hydrocarbons in ocean sediments from the North Pacific to the Arctic Ocean. <i>Environmental Pollution</i> , 2017, 227, 498-504.	3.7	32
163	Observation of atmospheric methane in the Arctic Ocean up to 87° north. <i>Science China Earth Sciences</i> , 2017, 60, 173-179.	2.3	4
164	Estimation of characteristic snow loads on offshore structures in the Barents Sea. <i>Cold Regions Science and Technology</i> , 2017, 139, 22-35.	1.6	1
165	Massive blow-out craters formed by hydrate-controlled methane expulsion from the Arctic seafloor. <i>Science</i> , 2017, 356, 948-953.	6.0	177
166	Coupled thermal model of wellbore and permafrost in Arctic regions. <i>Applied Thermal Engineering</i> , 2017, 123, 1291-1299.	3.0	38
167	China's strategy in the Arctic: threatening or opportunistic?. <i>Polar Record</i> , 2017, 53, 31-42.	0.4	10
168	Behaviours of reinforced concrete beams under low temperatures. <i>Construction and Building Materials</i> , 2017, 141, 410-425.	3.2	42
169	Steel-concrete-steel sandwich composite structures-recent innovations. <i>Journal of Constructional Steel Research</i> , 2017, 130, 202-221.	1.7	73
170	Governing Arctic Change. , 2017, , .		21
171	Clean Air and White Ice: Governing Black Carbon Emissions Affecting the Arctic. , 2017, , 231-256.		6
172	Effect of Prudhoe Bay emissions on atmospheric aerosol growth events observed in UtqiaĀvik (Barrow), Alaska. <i>Atmospheric Environment</i> , 2017, 152, 146-155.	1.9	30

#	ARTICLE	IF	CITATIONS
173	The Great Games Never Played: Explaining Variation in International Competition Over Energy. <i>Journal of Global Security Studies</i> , 2017, 2, 288-306.	0.5	4
174	The challenges of marine spatial planning in the Arctic: Results from the ACCESS programme. <i>Ambio</i> , 2017, 46, 486-496.	2.8	21
175	Confined methane-water interfacial layers and thickness measurements using in situ Raman spectroscopy. <i>Lab on A Chip</i> , 2017, 17, 3883-3890.	3.1	2
176	Analysis on Wellhead Stability During Drilling Operation in Arctic Permafrost Region. , 2017, , .		1
177	Alkane and polycyclic aromatic hydrocarbons in sediments and benthic invertebrates of the northern Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 144, 52-62.	0.6	14
178	Marine icing phenomena on vessels and offshore structures: Prediction and analysis. <i>Ocean Engineering</i> , 2017, 143, 1-23.	1.9	52
179	The evolution of diatoms and their biogeochemical functions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160397.	1.8	134
180	Strong geologic methane emissions from discontinuous terrestrial permafrost in the Mackenzie Delta, Canada. <i>Scientific Reports</i> , 2017, 7, 5828.	1.6	45
181	Arctic Climate Change, Economy and Society (ACCESS): Integrated perspectives. <i>Ambio</i> , 2017, 46, 341-354.	2.8	30
182	â€œHave you entered the storehouses of the snow?â€™ China as a norm entrepreneur in the Arctic. <i>Polar Record</i> , 2017, 53, 117-130.	0.4	17
183	Transient Thermal Model of Drilling Fluid in Wellbore under the Effect of Permafrost Thaw during Drilling in Arctic Region. , 2017, , .		0
184	Relative sensitivity of Arctic species to physically and chemically dispersed oil determined from three hydrocarbon measures of aquatic toxicity. <i>Marine Pollution Bulletin</i> , 2017, 122, 316-322.	2.3	36
185	An overview on the application of advanced oxidation processes for the removal of naphthenic acids from water. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 1337-1370.	6.6	27
186	Sustainable Development of the Russian Arctic zone energy shelf: the Role of the Quintuple Innovation Helix Model. <i>Journal of the Knowledge Economy</i> , 2017, 8, 456-470.	2.7	54
187	Migration characteristics of long-tailed ducks (<i>Clangula hyemalis</i>) from the western Canadian Arctic. <i>Polar Biology</i> , 2017, 40, 1085-1099.	0.5	4
188	Ultimate strength behavior of prestressed concrete beams at cryogenic temperatures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	8
189	A Mathematical Approach to Conflict Resolution in the Arctic Region. , 2017, , .		1
190	Increasing transnational sea-ice exchange in a changing Arctic Ocean. <i>Earth's Future</i> , 2017, 5, 633-647.	2.4	20

#	ARTICLE	IF	CITATIONS
191	The observed influence of local anthropogenic pollution on northern Alaskan cloud properties. Atmospheric Chemistry and Physics, 2017, 17, 14709-14726.	1.9	24
192	Contributions of transported Prudhoe Bay oil field emissions to the aerosol population in UtqiaĀvik, Alaska. Atmospheric Chemistry and Physics, 2017, 17, 10879-10892.	1.9	37
193	Climate change, future Arctic Sea ice, and the competitiveness of European Arctic offshore oil and gas production on world markets. Ambio, 2017, 46, 410-422.	2.8	33
194	Life Cycle Impact Assessment in the Arctic: Challenges and Research Needs. Sustainability, 2017, 9, 1605.	1.6	9
195	Sonar gas flux estimation by bubble insonification: application to methane bubble flux from seep areas in the outer Laptev Sea. Cryosphere, 2017, 11, 1333-1350.	1.5	22
196	Arctic shelf development as a driver of the progress of the Russian energy system. MATEC Web of Conferences, 2017, 106, 06008.	0.1	15
197	Coupled ice-ocean modeling and predictions. Journal of Marine Research, 2017, 75, 839-875.	0.3	6
198	Impacts of an Ice-Free Northeast Passage on LNG Markets and Geopolitics. SSRN Electronic Journal, 2017, , .	0.4	11
199	Biodegradation of marine oil spills in the Arctic with a Greenland perspective. Science of the Total Environment, 2018, 626, 1243-1258.	3.9	51
200	Study of low-temperature effect on the fracture locus of a 420-MPa structural steel with the edge tracing method. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 1649-1661.	1.7	13
201	The crustal structure in the transition zone between the western and eastern Barents Sea. Geophysical Journal International, 2018, 214, 315-330.	1.0	14
202	Modelling beluga habitat use and baseline exposure to shipping traffic to design effective protection against prospective industrialization in the Canadian Arctic. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 713-722.	0.9	16
203	Conservation Issues: Polar Seas. , 2018, , 149-157.		0
204	Ballast Water and Invasive Species in the Arctic. Springer Polar Sciences, 2018, , 115-137.	0.0	1
205	Offshore Oil and Gas Production and Transportation. , 2018, , 149-164.		2
206	Arctic Marine Resource Governance and Development. Springer Polar Sciences, 2018, , .	0.0	4
207	Novel Solar-Sail Mission Concepts for High-Latitude Earth and Lunar Observation. Journal of Guidance, Control, and Dynamics, 2018, 41, 212-230.	1.6	18
208	Lateral impact tests on FH32 grade steel stiffened plates at room and sub-zero temperatures. International Journal of Impact Engineering, 2018, 115, 36-47.	2.4	11

#	ARTICLE	IF	CITATIONS
209	Integrating Dispersants in Oil Spill Response in Arctic and Other Icy Environments. <i>Environmental Science & Technology</i> , 2018, 52, 6098-6112.	4.6	43
210	The influence of local oil exploration and regional wildfires on summer 2015 aerosol over the North Slope of Alaska. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 555-570.	1.9	23
211	Between classical and critical geopolitics in a changing Arctic. <i>Polar Geography</i> , 2018, 41, 87-106.	0.8	17
212	Effects of oil spill response technologies on the physiological performance of the Arctic copepod <i>Calanus glacialis</i> . <i>Aquatic Toxicology</i> , 2018, 199, 65-76.	1.9	14
213	Long-term dynamics of shipping and icebreaker capacity along the Northern Sea Route. <i>Maritime Economics and Logistics</i> , 2018, 20, 375-399.	2.0	35
214	Effect of low temperature tensile properties on crack driving force for Arctic applications. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 93, 88-96.	2.1	7
215	Experimental studies and analysis on compressive strength of normal-weight concrete at low temperatures. <i>Structural Concrete</i> , 2018, 19, 1235-1244.	1.5	47
216	A model-based comparison of extreme winds in the Arctic and around Greenland. <i>International Journal of Climatology</i> , 2018, 38, 5272-5292.	1.5	22
217	Forecast of Gas Hydrates Distribution Zones in the Arctic Ocean and Adjacent Offshore Areas. <i>Geosciences (Switzerland)</i> , 2018, 8, 453.	1.0	28
218	Corrosion behaviour of welded low-carbon steel in the Arctic marine environment. <i>RSC Advances</i> , 2018, 8, 30155-30162.	1.7	8
220	Societal Impacts of a Rapidly Changing Arctic. <i>Current Climate Change Reports</i> , 2018, 4, 223-237.	2.8	40
221	Numerical study on the effect of the L'Åders plateau on the ductile crack growth resistance of SENT specimens. <i>International Journal of Fracture</i> , 2018, 214, 185-200.	1.1	8
222	Degrading permafrost puts Arctic infrastructure at risk by mid-century. <i>Nature Communications</i> , 2018, 9, 5147.	5.8	327
223	Local Arctic Air Pollution: A Neglected but Serious Problem. <i>Earth's Future</i> , 2018, 6, 1385-1412.	2.4	96
224	Processes Controlling the Composition and Abundance of Arctic Aerosol. <i>Reviews of Geophysics</i> , 2018, 56, 621-671.	9.0	106
225	Mechanical properties of high strength steel strand at low temperatures: Tests and analysis. <i>Construction and Building Materials</i> , 2018, 189, 1076-1092.	3.2	22
226	Seasonal ecology in ice-covered Arctic seas - Considerations for spill response decision making. <i>Marine Environmental Research</i> , 2018, 141, 275-288.	1.1	15
227	Electromagnetic heating and motion mechanism for contact welded pipes based on a node sequential number method. <i>Applied Thermal Engineering</i> , 2018, 137, 822-835.	3.0	5

#	ARTICLE	IF	CITATIONS
228	Shear Behavior of Headed Stud Connectors at Low Temperatures Relevant to the Arctic Environment. <i>Journal of Structural Engineering</i> , 2018, 144, 04018139.	1.7	12
229	A hierarchical Bayesian approach to modelling fate and transport of oil released from subsea pipelines. <i>Chemical Engineering Research and Design</i> , 2018, 118, 307-315.	2.7	35
230	Impacts of an ice-free Northeast Passage on LNG markets and geopolitics. <i>Energy Policy</i> , 2018, 122, 438-448.	4.2	30
231	Experimental and numerical studies on bonded prestressed concrete beams at low temperatures. <i>Construction and Building Materials</i> , 2018, 188, 101-118.	3.2	12
232	Oil transportation in pipelines with the existence of ice. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 56, 137-146.	1.7	13
233	Impact of Pyrene Exposure during Overwintering of the Arctic Copepod <i>Calanus glacialis</i> . <i>Environmental Science & Technology</i> , 2018, 52, 10328-10336.	4.6	22
234	Methane and Global Environmental Change. <i>Annual Review of Environment and Resources</i> , 2018, 43, 165-192.	5.6	45
235	Mapping global development potential for renewable energy, fossil fuels, mining and agriculture sectors. <i>Scientific Data</i> , 2019, 6, 101.	2.4	64
236	A missing component of Arctic warming: black carbon from gas flaring. <i>Environmental Research Letters</i> , 2019, 14, 094011.	2.2	11
237	Behaviours of stub steel tubular columns subjected to axial compression at low temperatures. <i>Construction and Building Materials</i> , 2019, 228, 116788.	3.2	26
238	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. <i>Science Advances</i> , 2019, 5, eaaw1450.	4.7	60
239	Who are legitimate stakeholders? National and local perceptions of environmental change in the Lofoten islands, Norway. <i>Polar Geography</i> , 2019, 42, 236-252.	0.8	1
240	Effects of oil spill response technologies on marine microorganisms in the high Arctic. <i>Marine Environmental Research</i> , 2019, 151, 104785.	1.1	6
241	Organic geochemical evaluation of contamination tracers in deepwater well rock cuttings from the Mannar Basin, Sri Lanka. <i>Journal of Petroleum Exploration and Production</i> , 2019, 9, 989-996.	1.2	17
242	Comparison of 3 household food waste dryers in the context of food waste prevention and bioeconomy. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	1
243	Arctic 2.0: How Artificial Intelligence Can Help Develop a Frontier. <i>Ethics and International Affairs</i> , 2019, 33, 193-205.	0.5	5
244	Mapping the underside of an iceberg with a modified underwater glider. <i>Journal of Field Robotics</i> , 2019, 36, 1102-1117.	3.2	25
245	Bond behaviour of concrete-filled steel tubes at the Arctic low temperatures. <i>Construction and Building Materials</i> , 2019, 210, 118-131.	3.2	37

#	ARTICLE	IF	CITATIONS
246	Historical Factors Associated With Past Environments Influence the Biogeography of Thermophilic Endospores in Arctic Marine Sediments. <i>Frontiers in Microbiology</i> , 2019, 10, 245.	1.5	21
247	Arctic Triumph. <i>Springer Polar Sciences</i> , 2019, , .	0.0	9
248	Compressive behaviours of double skin composite walls at low temperatures relevant to the arctic environment. <i>Thin-Walled Structures</i> , 2019, 140, 294-303.	2.7	11
249	Development of the Arctic and its Impact on International Energy Market. , 2019, , .		1
250	Influences of Thermomechanical Conditions on Corrosion Behavior of low-carbon steels in Artificial Seawater. <i>International Journal of Electrochemical Science</i> , 2019, , 2509-2525.	0.5	3
251	Compressive behaviours of steel-concrete-steel sandwich walls with J-hooks at low temperatures. <i>Construction and Building Materials</i> , 2019, 207, 108-121.	3.2	13
252	Abundance and species diversity hotspots of tracked marine predators across the North American Arctic. <i>Diversity and Distributions</i> , 2019, 25, 328-345.	1.9	42
253	Peering at the Top of the World: Satellite Remote Sensing of Petroleum Hydrocarbon Reservoirs in the Barents and Kara Seas. , 2019, , .		0
254	Overcoming the Challenges of Designing, Developing, and Operating LNG Plants in an Arctic Environment. , 2019, , .		0
255	Diesel Soot and Amine-Containing Organic Sulfate Aerosols in an Arctic Oil Field. <i>Environmental Science & Technology</i> , 2020, 54, 92-101.	4.6	7
256	Electrical Conductivity Versus Temperature in Freezing Conditions: A Field Experiment Using a Basket Geothermal Heat Exchanger. <i>Geophysical Research Letters</i> , 2019, 46, 14531-14538.	1.5	5
257	Delayed effects of pyrene exposure during overwintering on the Arctic copepod <i>Calanus hyperboreus</i> . <i>Aquatic Toxicology</i> , 2019, 217, 105332.	1.9	12
258	Oil and Gas Bearing Complexes of the Sedimentary Cover of the Arctic Zone of the Siberian Platform Marginal Zones of the North of the Siberian Platform? (Russian). , 2019, , .		0
259	Plastic Deformation Behavior of 40Feâ€“25Niâ€“15Crâ€“10Coâ€“10V High-Entropy Alloy for Cryogenic Applications. <i>Metals and Materials International</i> , 2019, 25, 277-284.	1.8	46
260	3D thermobaric modelling of the gas hydrate stability zone onshore central Spitsbergen, Arctic Norway. <i>Marine and Petroleum Geology</i> , 2019, 100, 246-262.	1.5	16
261	Allocation of Disputable Zones in the Arctic Region. <i>Group Decision and Negotiation</i> , 2019, 28, 11-42.	2.0	3
262	Identifying key marine habitat sites for seabirds and sea ducks in the Canadian Arctic. <i>Environmental Reviews</i> , 2019, 27, 215-240.	2.1	20
263	In situ biodegradation, photooxidation and dissolution of petroleum compounds in Arctic seawater and sea ice. <i>Water Research</i> , 2019, 148, 459-468.	5.3	39

#	ARTICLE	IF	CITATIONS
264	A framework for assessing the economic impacts of Arctic change. <i>Ambio</i> , 2020, 49, 407-418.	2.8	26
265	Axial compressive behaviours of square CFST stub columns at low temperatures. <i>Journal of Constructional Steel Research</i> , 2020, 164, 105812.	1.7	23
266	Theorizing MNE-NGO conflicts in state-capitalist contexts: Insights from the Greenpeace, Gazprom and the Russian state dispute in the Arctic. <i>Journal of World Business</i> , 2020, 55, 101068.	4.6	25
267	A State-of-the-Art Review of Indigenous Peoples and Environmental Pollution. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 324-341.	1.6	58
268	Effect of dissolution, evaporation, and photooxidation on crude oil chemical composition, dielectric properties and its radar signature in the Arctic environment.. <i>Marine Pollution Bulletin</i> , 2020, 151, 110629.	2.3	17
269	Risk Assessment of China's Natural Gas Importation: A Supply Chain Perspective. <i>SAGE Open</i> , 2020, 10, 215824402093991.	0.8	13
270	New insights on metals in the Arctic aerosol in a climate changing world. <i>Science of the Total Environment</i> , 2020, 741, 140511.	3.9	10
271	Effect of Cold Temperatures on Performance of Concrete under Impact Loading. <i>Journal of Cold Regions Engineering - ASCE</i> , 2020, 34, .	0.5	3
272	Oil spill damage: a collision scenario and financial liability estimations for the Northern Sea Route area. <i>Ship Technology Research</i> , 2020, 67, 148-164.	1.1	10
273	Sloth Bear (<i>Ursus ursinus</i>). , 2020, , 99-109.		0
274	Human-Bear Conflicts at the Beginning of the Twenty-First Century: Patterns, Determinants, and Mitigation Measures. , 2020, , 213-226.		8
275	Principles of Human-Bear Conflict Management in Challenging Environments. , 2020, , 227-238.		0
276	Patterns of Bear Attacks on Humans, Factors Triggering Risky Scenarios, and How to Reduce Them. , 2020, , 239-249.		1
277	The Challenge of Brown Bear Management in Hokkaido, Japan. , 2020, , 349-355.		1
278	Human Dimensions of Asiatic Black Bear Conflicts and Management in Japan. , 2020, , 370-378.		0
280	Conservation and Management of Bears. , 2020, , 273-302.		0
281	Ecological and Social Dimensions of Sloth Bear Conservation in Sri Lanka. , 2020, , 379-386.		0
282	Acoustic Signatures of Shipping, Weather and Marine Life: Comparison of NE Pacific and Arctic Soundscapes. <i>Proceedings of Meetings on Acoustics</i> , 2020, , .	0.3	4

#	ARTICLE	IF	CITATIONS
283	Mechanism for improving low temperature impact toughness and fatigue durability of high-strength low-alloy steels for applications in the Arctic region. <i>Acta Mechanica</i> , 2021, 232, 1773-1784.	1.1	2
284	Arctic Sea Ice Ecology. Springer Polar Sciences, 2020, , .	0.0	8
285	The Arctic: Strategic Priorities of Circumpolar Countries. IOP Conference Series: Materials Science and Engineering, 2020, 753, 072022.	0.3	2
286	Disentangling Benefit-Sharing Complexities of Oil Extraction on the North Slope of Alaska. <i>Sustainability</i> , 2020, 12, 5432.	1.6	5
287	Contesting the climate. <i>Climatic Change</i> , 2020, 162, 1985-2002.	1.7	4
288	Forecasting of Technology Development of the Arctic Hydrocarbon Resourcesâ€™ Extraction. <i>E3S Web of Conferences</i> , 2020, 162, 01008.	0.2	4
289	Impact of climatic effects on the environment and the economy of the Russian Arctic. IOP Conference Series: Earth and Environmental Science, 2020, 539, 012033.	0.2	1
290	Arctic oil and gas offshore projects: how to forecast their future. IOP Conference Series: Earth and Environmental Science, 2020, 539, 012153.	0.2	2
291	Giant Panda (<i>Ailuropoda melanoleuca</i>), 2020, , 63-77.		1
292	Numerical modelling of the reflected waves from gas cavities and methane bombs in the heterogeneous media of the Northern regions. IOP Conference Series: Materials Science and Engineering, 2020, 927, 012006.	0.3	1
293	Why is exploitation of Arctic offshore oil and natural gas resources ongoing? A multi-level perspective on the cases of Norway and Russia. <i>Polar Journal</i> , 2020, 10, 64-81.	0.4	19
294	Experimental Study of Sea Ice Motion in Waves. <i>Journal of Cold Regions Engineering - ASCE</i> , 2020, 34, .	0.5	5
295	Leaving its Arctic reluctance behind: the re-emergence of U.S. security policy focus towards the European High North and its implications for Norway. <i>Polar Journal</i> , 2020, 10, 82-101.	0.4	2
296	Modelling ice and wax formation in a pipeline in the Arctic environment. <i>Journal of Loss Prevention in the Process Industries</i> , 2020, 66, 104197.	1.7	3
297	The impact of opening the Arctic Northeast Passage on the global maritime transportation network pattern using AIS data. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	4
298	Isolating different natural and anthropogenic PAHs in the sediments from the northern Bering-Chukchi margin: Implications for transport processes in a warming Arctic. <i>Science of the Total Environment</i> , 2020, 736, 139608.	3.9	16
299	Feasibility of the Northern Sea Route for oil shipping from the economic and environmental perspective and its influence on China's oil imports. <i>Marine Policy</i> , 2020, 118, 104006.	1.5	31
300	The Role of Hydrocarbons in the Global Energy Agenda: The Focus on Liquefied Natural Gas. <i>Resources</i> , 2020, 9, 59.	1.6	91

#	ARTICLE	IF	CITATIONS
301	Improved Toughness of a High-Strength Low-Alloy Steel for Arctic Ship by Ni and Mo Addition. <i>Advanced Engineering Materials</i> , 2020, 22, 1901553.	1.6	10
302	Slip sliding away: Enigma of large sandy blocks within a gas-bearing mass transport deposit, offshore northwestern Greenland. <i>AAPG Bulletin</i> , 2020, 104, 1011-1043.	0.7	17
303	Tectonic and basin maps of the world. , 2020, , 761-862.		4
304	The Blue Acceleration: The Trajectory of Human Expansion into the Ocean. <i>One Earth</i> , 2020, 2, 43-54.	3.6	317
305	Impacts of Oil Spills on Arctic Marine Ecosystems: A Quantitative and Probabilistic Risk Assessment Perspective. <i>Environmental Science & Technology</i> , 2020, 54, 2112-2121.	4.6	50
306	Natural attenuation of spilled crude oil by cold-adapted soil bacterial communities at a decommissioned High Arctic oil well site. <i>Science of the Total Environment</i> , 2020, 722, 137258.	3.9	29
307	Compressive behaviours of circular concrete-filled steel tubes exposed to low-temperature environment. <i>Construction and Building Materials</i> , 2020, 245, 118460.	3.2	14
308	Social network analysis as a methodological tool to understand university-industry dynamism in enhancing the HEI curriculum – a case of the Nigerian oil industry. <i>Studies in Higher Education</i> , 2021, 46, 2417-2430.	2.9	2
309	Documenting growth parameters and age in Arctic fish species in the Chukchi and Beaufort seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 177, 104779.	0.6	6
310	Microplastics do not increase bioaccumulation of petroleum hydrocarbons in Arctic zooplankton but trigger feeding suppression under co-exposure conditions. <i>Science of the Total Environment</i> , 2021, 751, 141264.	3.9	26
311	A unified model for the formation and distribution of both conventional and unconventional hydrocarbon reservoirs. <i>Geoscience Frontiers</i> , 2021, 12, 695-711.	4.3	34
312	Spatial and temporal variations of recent shipping along the Northern Sea Route. <i>Polar Science</i> , 2021, 27, 100569.	0.5	19
313	To Engage or to Contain? Canada-Russia Relations in the Shifting International Order. <i>Canada and International Affairs</i> , 2021, , 609-634.	0.3	1
314	Possible future scenarios in the gateways to the Arctic for Subarctic and Arctic marine systems: II. prey resources, food webs, fish, and fisheries. <i>ICES Journal of Marine Science</i> , 2021, 78, 3017-3045.	1.2	19
315	The Arctic Ocean: Ecosystem Approach in a Context of Extreme Vulnerability. , 2021, , 157-177.		0
316	A Review and Bibliometric Analysis on Applications of Microbial Degradation of Hydrocarbon Contaminants in Arctic Marine Environment at Metagenomic and Enzymatic Levels. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1671.	1.2	11
317	Complexity and specifics of elimination of emergency spills of light hydrocarbons in offshore fields. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 678, 012002.	0.2	0
318	Physiological consequences of Arctic sea ice loss on large marine carnivores: unique responses by polar bears and narwhals. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	24

#	ARTICLE	IF	CITATIONS
319	Ductile Ag ₂₀ S ₇ Te ₃ with Excellent Shape Conformability and High Thermoelectric Performance. <i>Advanced Materials</i> , 2021, 33, e2007681.	11.1	65
320	A novel method for numerical simulation of the interaction between level ice and marine structures. <i>Journal of Marine Science and Technology</i> , 2021, 26, 1170-1183.	1.3	7
321	<scp>The Arctic Environmental Responsibility Index</scp>: A method to rank heterogenous extractive industry companies for governance purposes. <i>Business Strategy and the Environment</i> , 2021, 30, 1623-1643.	8.5	4
322	Probability of a ship becoming beset in ice along the Northern Sea Route – A Bayesian analysis of real-life data. <i>Cold Regions Science and Technology</i> , 2021, 184, 103238.	1.6	23
323	Influence of permafrost thaw on an extreme geologic methane seep. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 484-502.	1.5	8
324	The Future of Russian Arctic Oil and Gas Projects: Problems of Assessing the Prospects. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 528.	1.2	18
325	The Plio-Pleistocene seepage history off western Svalbard inferred from 3D petroleum systems modelling. <i>Marine and Petroleum Geology</i> , 2021, 128, 105023.	1.5	8
326	Buoyance-driven hydrocarbon accumulation depth and its implication for unconventional resource prediction. <i>Geoscience Frontiers</i> , 2021, 12, 101133.	4.3	34
327	North-East Greenland Rifted Margin Composite Tectono-Sedimentary Element, Northern Greenland Sea and Fram Strait. <i>Geological Society Memoir</i> , 0, , M57-2017-12.	0.9	5
328	Three-phased latest Jurassic–Eocene rifting and mild mid-Cenozoic compression offshore NE Greenland. <i>Tectonophysics</i> , 2021, 815, 228990.	0.9	14
329	Turkey's Interest in the Arctic Region: the Possible Effects of being a Party to the Svalbard Treaty. <i>International Journal of Environment and Geoinformatics</i> , 2021, 8, 350-358.	0.5	7
331	The role of the socio-technical regime in the sustainable energy transition: A case of the Eurasian Arctic. <i>The Extractive Industries and Society</i> , 2021, 8, 100939.	0.7	8
332	Critical analysis of methodological approaches to assessing sustainability of arctic oil and gas projects. <i>Journal of Mining Institute</i> , 0, 249, 463-479.	0.8	14
333	Arctic Alaska Basin, Hanna Trough, and Beaufortian Rifted Margin Composite Tectono-Sedimentary Elements. <i>Geological Society Memoir</i> , 0, , M57-2018-26.	0.9	3
334	The Cretaceous succession of northeast Baffin Bay: Stratigraphy, sedimentology and petroleum potential. <i>Marine and Petroleum Geology</i> , 2021, 133, 105108.	1.5	10
335	Using two-dimensional distributions to inform the mixing state of soot and salt particles produced in gas flares. <i>Journal of Aerosol Science</i> , 2021, 158, 105826.	1.8	8
336	Evaluation of ice-seabed interaction mechanism in sand by using self-adaptive evolutionary extreme learning machine. <i>Ocean Engineering</i> , 2021, 239, 109795.	1.9	7
337	Metabolomic profiles in relation to benchmark polycyclic aromatic compounds (PACs) and trace elements in two seabird species from Arctic Canada. <i>Environmental Research</i> , 2022, 204, 112022.	3.7	6

#	ARTICLE	IF	CITATIONS
338	Biodegradation of water-accommodated aromatic oil compounds in Arctic seawater at 0°C. <i>Chemosphere</i> , 2022, 286, 131751.	4.2	11
339	Human-Polar Bear Interactions. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2021, , 325-353.	0.4	5
340	Oil and Natural Gas: Global Resources. , 2012, , 5-16.		2
341	Human-Polar Bear Interactions in a Changing Arctic: Existing and Emerging Concerns. <i>Animal Welfare</i> , 2017, , 397-418.	1.0	39
342	Implications of Rapid Environmental Change for Polar Bear Behavior and Sociality. <i>Animal Welfare</i> , 2017, , 445-462.	1.0	2
343	The Bering Strait Seawater Deflector (BSSD): Arctic Tundra Preservation Using an Immersed, Scalable and Removable Fiberglass Curtain. <i>Environmental Science and Engineering</i> , 2010, , 741-777.	0.1	1
344	Arctic Marine Governance. , 2014, , .		5
345	Understanding Risks Associated with Offshore Hydrocarbon Development. , 2014, , 159-176.		3
346	Conclusions: Building Common Interests in the Arctic Ocean. NATO Science for Peace and Security Series C: Environmental Security, 2013, , 371-404.	0.1	7
347	Arctic Impact Assessment: Setting the Stage. NATO Science for Peace and Security Series C: Environmental Security, 2013, , 59-72.	0.1	2
348	Advanced methods for environmental risk assessment in offshore operations. <i>Methods in Chemical Process Safety</i> , 2020, 4, 321-354.	0.5	1
350	Mating Strategies. , 2020, , 21-35.		2
351	Brown Bear (<i>Ursus arctos</i> ; North America). , 2020, , 162-195.		7
353	Renewable energy and green construction in the Arctic. <i>E3S Web of Conferences</i> , 2020, 207, 02008.	0.2	2
354	The Arctic in a Global Energy Picture: International Determinants of Arctic Oil and Gas Development. , 2017, , 279-299.		6
357	Quantifying Emerging Local Anthropogenic Emissions in the Arctic Region: The ACCESS Aircraft Campaign Experiment. <i>Bulletin of the American Meteorological Society</i> , 2016, 2016, 441-460.	1.7	2
358	Arctic air pollution: Challenges and opportunities for the next decade. <i>Elementa</i> , 0, 4, 000104.	1.1	53
359	Underpressure in the northern Barents shelf: Causes and implications for hydrocarbon exploration. <i>AAPG Bulletin</i> , 2020, 104, 2267-2295.	0.7	15

#	ARTICLE	IF	CITATIONS
360	Summer Sea Ice Concentration, Motion, and Thickness Near Areas of Proposed Offshore Oil and Gas Development in the Canadian Beaufort Sea " 2009. Arctic, 2013, 66, .	0.2	25
361	Mapping Polar Bear Maternal Denning Habitat in the National Petroleum Reserve"Alaska with an IfSAR Digital Terrain Model. Arctic, 2013, 66, .	0.2	6
362	Institutional Dimensions of Sustaining Arctic Observing Networks (SAON). Arctic, 2015, 68, 89.	0.2	6
363	Air pollution impacts due to petroleum extraction in the Norwegian Sea during the ACCESS aircraft campaign. Elementa, 2017, 5, .	1.1	12
364	Population of the World Arctic: Russian and Foreign Approaches to Studying Demographic Problems and Settlement of Territories. Economic and Social Changes: Facts, Trends, Forecast, 2020, , .	0.1	4
365	Problems of simulating subsea pipeline condition on the arctic shelf under seismic impact. Vestnik MGSU, 2019, , 1456-1465.	0.2	1
366	"Steering Our Own Ship?"An Assessment of Self-Determination and Self-Governance for Community Development in Nunavut. Northern Review, 0, 41, .	0.0	4
367	Real-time measurement of sea ice thickness, keel sizes and distributions and ice velocities using upward looking sonar instruments. , 2009, , .		3
368	Constructing the "New"Arctic: The Future of the Circumpolar North in a Changing Global Order. Outlines of Global Transformations: Politics, Economics, Law, 2020, 12, 6-24.	0.5	3
372	"for terror of the deadness beyond": Arctic Environments and Inhuman Ecologies in Michelle Paver's "Dark Matter" // "por terror a lo inerte mÃs allÃ": Entornos Ãrticos y ecologÃas inhumanas en "La materia oscura" de Michelle Paver. Ecozon@, 2014, 5, 23-40.	0.1	2
373	Using Autonomous Underwater Vehicles as Sensor Platforms for Ice-Monitoring. Modeling, Identification and Control, 2014, 35, 263-277.	0.6	14
374	Arctic Energy Resources: Security and Environmental Implications. Journal of Strategic Security, 2012, 5, 13-32.	0.2	15
377	The dead line for oil and gas and implication for fossil resource prediction. Earth System Science Data, 2020, 12, 577-590.	3.7	37
378	Technical note: Mobile open dynamic chamber measurement of methane macroseeps in lakes. Hydrology and Earth System Sciences, 2020, 24, 6047-6058.	1.9	2
379	Sub-permafrost methane seepage from open-system pingos in Svalbard. Cryosphere, 2020, 14, 3829-3842.	1.5	18
380	"De-Securitisng the Arctic" in Climate Change: An Indian Perspective. India Quarterly, 0, , 097492842110477.	0.3	0
381	Arctic's black gold mapped. Nature, 0, , .	13.7	0
382	Darwin, el Planeta Tierra, las otras tierras y los profesores de ciencias. Contextos Educativos: Revista De EducaciÃn, 2009, .	0.1	0

#	ARTICLE	IF	CITATIONS
383	"Just in Case" Policy in the Arctic. Arctic, 2010, 63, .	0.2	3
384	Oil and Gas Resource Potential North of the Arctic Circle. International Oil Spill Conference Proceedings, 2011, 2011, abs203.	0.1	2
387	Predictive Probability Distributions for Petroleum Unit Resource Projections via Hierarchical Modeling. SSRN Electronic Journal, 0, , .	0.4	0
388	Oil oil and Natural Gas natural gas : Global Resources natural gas global resources. , 2012, , 7446-7456.		1
389	Sense-Giving Systems for Crisis Situations in Extreme Environments. , 0, , .		1
391	Oil and Natural Gas: Global Resources. , 2013, , 7-23.		4
392	Under the Ice: Exploring the Arctic's Energy Resources, 1898-1985. , 2013, , 128-156.		1
393	Arctic meltdown: A problematic property rights structure translates into poor resource management. SURG Journal, 2013, 6, 5-13.	0.1	0
394	Energy Resources. , 2014, , 1-14.		0
395	The Fate of Dispersed Oil Under Ice: Results of JIP Phase 1 Program. International Oil Spill Conference Proceedings, 2014, 2014, 949-959.	0.1	0
396	Probabilistic resource/cost appraisals for evaluation of petroleum resources. APPEA Journal, 2015, 55, 451.	0.4	0
397	Arctic security, sovereignty, and rights of utilization: Implications for the Northern Sea Route. , 2015, , 21-38.		1
398	Combining Actor-Network Theory and the Concept of Ecosystem Services to Assess the Development of Arctic Shipping Routes. International Journal of Actor-Network Theory and Technological Innovation, 2015, 7, 1-18.	0.1	0
399	La stratégie de la Chine en Arctique: agressive ou opportuniste?. Norois, 2015, , 07-24.	0.0	2
400	Energy Resources. Encyclopedia of Earth Sciences Series, 2016, , 217-226.	0.1	0
401	Balancing Development and Environmental Concerns in the Arctic. Springer Geology, 2016, , 27-30.	0.2	0
402	The Dynamics of Arctic Development. Springer Geology, 2016, , 3-13.	0.2	2
403	Petroleum system modeling of the Sora basin, offshore southern Korea. Journal of the Geological Society of Korea, 2016, 52, 333-353.	0.3	1

#	ARTICLE	IF	CITATIONS
404	Wissenschaftliche Information für die Anwendung, , 2017, , 119-141.		1
405	Chapter 5: Get Off My Property! Approaching the Boundary Disputes in the Arctic Archipelago Region, , 2018, , 197-225.		0
406	3-D petroleum system modeling of the Jeju Basin, offshore southern Korea. Journal of the Geological Society of Korea, 2018, 54, 587-603.	0.3	3
407	Petroleum Systems, , 2019, , 295-316.		0
408	Introduction and Objectives, , 2019, , 1-22.		0
409	Collaboration Between Russia and the Countries of Northeast Asia in the Arctic. Impact of Meat Consumption on Health and Environmental Sustainability, 2019, , 162-184.	0.4	0
410	Fostering US-Russia Cooperation in the Arctic Through Disaster Diplomacy Efforts. Springer Polar Sciences, 2019, , 181-192.	0.0	0
411	Geopolityczne uwarunkowania rywalizacji o zasoby Arktyki. Niezawności Społeczne A Wzrost Gospodarczy, 2020, 64, 278-290.	0.0	0
412	Greenland petroleum exploration history: Rise and fall, learnings, and future perspectives. Resources Policy, 2021, 74, 102425.	4.2	3
413	Behaviours of reinforced concrete-filled GFRP tube stub columns under low-temperature axial compression. Construction and Building Materials, 2021, 312, 125429.	3.2	10
414	Investigation of Cold-Formed Steel Members Subjected to Extreme Low Temperatures Relevant to the Arctic Environment. Lecture Notes in Civil Engineering, 2020, , 41-50.	0.3	0
415	A Study on the Classification of Maritime Security Threat Topics. International Journal of Environment and Geoinformatics, 2020, 7, 365-371.	0.5	0
418	Heading Forward in Response to Crisis: How the Ukraine Crisis Affected EU Maritime Foreign and Security Policy Integration. Palgrave Studies in European Union Politics, 2021, , 569-584.	1.2	1
419	Vertical directionality and spatial coherence of the sound field in glacial bays in Hornsund Fjord. Journal of the Acoustical Society of America, 2020, 148, 3849-3862.	0.5	3
420	Axial compression behaviours of seawater and sea sand concrete-filled GFRP stub tubes at arctic low temperatures. Thin-Walled Structures, 2022, 170, 108566.	2.7	14
421	Bir Akademi Merkezi Olarak Arktika'nın Ekonomisi Açısından Nemi: Sismik Endüstrilere Yatırımlık Bazılarının Karşımlar. Akdeniz Üniversitesi İktisadi Ve İdari Bilimler Fakültesi Dergisi, 0, , 92-121.	0.1	1
422	Sea Ice in a Climate Change Context. Springer Polar Sciences, 2020, , 103-130.	0.0	0
423	Sustainability as an integrative principle: The role of international law in Arctic resource development. Polar Record, 2020, 56, .	0.4	1

#	ARTICLE	IF	CITATIONS
424	Polar Merchant Vessel. , 2020, , 1-9.		0
425	Conflicts Between Arctic Industries and Cetaceans. Springer Polar Sciences, 2020, , 95-115.	0.0	0
426	Arktik BÅġgesi Siyaseti: Ottawa Deklarasyonuâ€™ndan BugÃ¼ne AktÃ¶r PolitikalarÃ± Ve Ãžinâ€™in Kutup Ã°pek Yolu Projesi. OPUS Uluslararası Toplum AraÅıtÄrmalarÃ± Dergisi, 0, , 1-1.	0.3	1
428	Systematics, Evolution, and Genetics of Bears. , 2020, , 3-20.		0
429	Interspecific Interactions between Brown Bears, Ungulates, and Other Large Carnivores. , 2020, , 36-44.		2
430	Adaptations and Competitive Interactions of Tropical Asian Bear Species Define Their Biogeography: Past, Present, and Future. , 2020, , 45-52.		1
431	Remarkable Adaptations of the American Black Bear Help Explain Why it is the Most Common Bear: A Long-Term Study from the Center of its Range. , 2020, , 53-62.		3
432	Andean Bear (<i>Tremarctos ornatus</i>). , 2020, , 78-87.		1
433	Sun Bear (<i>Helarctos malayanus</i>). , 2020, , 88-98.		1
434	Asiatic Black Bear (<i>Ursus thibetanus</i>). , 2020, , 110-121.		2
435	American Black Bear (<i>Ursus americanus</i>). , 2020, , 122-138.		7
436	Brown Bear (<i>Ursus arctos</i>; Eurasia). , 2020, , 139-161.		8
437	Polar Bear (<i>Ursus maritimus</i>). , 2020, , 196-212.		0
438	Effects of Human Disturbance on Brown Bear Behavior. , 2020, , 250-259.		2
439	Bears in Human-Modified Landscapes: The Case Studies of the Cantabrian, Apennine, and Pindos Mountains. , 2020, , 260-272.		5
440	How Is Climate Change Affecting Polar Bears and Giant Pandas?. , 2020, , 303-316.		0
441	Managing for Interpopulation Connectivity of the Worldâ€™s Bear Species. , 2020, , 317-337.		0
442	<i>Ex Situ</i> Conservation of Bears: Roles, Status, and Management. , 2020, , 338-348.		0

#	ARTICLE	IF	CITATIONS
443	Potential Ecological Corridors for Remnant Asiatic Black Bear Populations and its Subpopulations Linked to Management Units in Japan. , 2020, , 356-363.		0
444	Captive Bears in Asia: Implications for Animal Welfare and Conservation. , 2020, , 364-369.		0
447	A goal-based approach for selecting a ship's polar class. Marine Structures, 2022, 81, 103123.	1.6	2
448	The construction, solidification and political implications of geographical scientific facts: A perspective on the "changing" Arctic region. Geoforum, 2022, 128, 21-32.	1.4	1
449	Sustainable Development of Oil and Gas Resources: A System of Environmental, Socio-Economic, and Innovation Indicators. Journal of Marine Science and Engineering, 2021, 9, 1307.	1.2	18
450	Distribution of Nereilinum murmanicum (Annelida, Siboglinidae) in the Barents Sea in the Context of Its Oil and Gas Potential. Journal of Marine Science and Engineering, 2021, 9, 1339.	1.2	4
452	Mechanisms for the link between onset and duration of open water in the Kara Sea. Acta Oceanologica Sinica, 2021, 40, 119-128.	0.4	4
453	Impacts of permafrost degradation on infrastructure. Nature Reviews Earth & Environment, 2022, 3, 24-38.	12.2	150
454	Hydrocarbon biodegradation potential of microbial communities from high Arctic beaches in Canada's Northwest Passage. Marine Pollution Bulletin, 2022, 174, 113288.	2.3	13
455	Numerical simulation on an icebreaking vessel with fixed drift angles in level ice. Ocean Engineering, 2022, 244, 110382.	1.9	2
456	Disputes in the South China Sea: Does the Arctic Council offer a viable regional governance model?. Asian Politics and Policy, 2022, 14, 7-24.	0.6	0
457	Methods for Interpreting the Partitioning and Fate of Petroleum Hydrocarbons in a Sea Ice Environment. Journal of Physical Chemistry A, 2022, 126, 772-786.	1.1	3
458	Controls on carbon dioxide and methane fluxes from a low-center polygonal peatland in the Mackenzie River Delta, Northwest Territories. Arctic Science, 2022, 8, 471-497.	0.9	2
459	Mode II fracture behaviors of concrete at low temperatures. Construction and Building Materials, 2022, 323, 126612.	3.2	17
460	An overview on pipeline steel development for cold climate applications. Journal of Pipeline Science and Engineering, 2022, 2, 1-17.	2.4	14
461	Toxicity to sea urchin embryos of crude and bunker oils weathered under ice alone and mixed with dispersant. Marine Pollution Bulletin, 2022, 175, 113345.	2.3	1
462	Colville Foreland Basin and Arctic Alaska Prograded Margin Tectono-Sedimentary Elements, Northern Alaska and Southwestern Canada Basin. Geological Society Memoir, 0, , M57-2018-65.	0.9	1
464	Exploring the Impact of Climate Change on Arctic Shipping through the Lenses of Quadruple Bottom Line and Sustainable Development Goals. Sustainability, 2022, 14, 2193.	1.6	11

#	ARTICLE	IF	CITATIONS
465	Brown carbon from biomass burning imposes strong circum-Arctic warming. <i>One Earth</i> , 2022, 5, 293-304.	3.6	23
466	Possibility for strong northern hemisphere high-latitude cooling under negative emissions. <i>Nature Communications</i> , 2022, 13, 1095.	5.8	10
467	Does Multilateralism still Matter? ASEAN and the Arctic Council in Comparative Perspective. <i>Global Policy</i> , 0, , .	1.0	0
468	Assessment of the Impacts of Climate Change on the Russian Arctic Economy (including the Energy) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	1.6	1
469	The effective pore volume of multiscale heterogenous fracture-porous media systems derived from the residence time of an inert tracer. <i>Journal of Hydrology</i> , 2022, 610, 127839.	2.3	4
472	Corrosion behavior of WC-Co coating by plasma transferred arc on EH40 steel in low-temperature. <i>High Temperature Materials and Processes</i> , 2022, 41, 191-205.	0.6	0
473	Blue Economy of the Arctic. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 104-130.	0.4	0
474	Bond behaviors of ribbed CFRP bars in concrete exposed to low temperatures. <i>Construction and Building Materials</i> , 2022, 341, 127910.	3.2	10
475	Mg Effect on the Cryogenic Temperature Toughness of Al-Mg Alloys. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
476	Influence of ICCGHAZ on the Low-Temperature Toughness in HAZ of Heavy-Wall X80 Pipeline Steel. <i>Metals</i> , 2022, 12, 907.	1.0	5
477	Research on Mooring System Design for Kulluk Platform in Arctic Region. <i>Water (Switzerland)</i> , 2022, 14, 1762.	1.2	2
478	Science diplomacy in the Arctic: Contributions of the USGS to policy discourse and impact on governance. <i>Polar Record</i> , 2022, 58, .	0.4	5
480	Convolutional Neural Networks for Automated Built Infrastructure Detection in the Arctic Using Sub-Meter Spatial Resolution Satellite Imagery. <i>Remote Sensing</i> , 2022, 14, 2719.	1.8	5
481	Intensity of Level Ice Simulated with the CICE Model for Oil-Gas Exploitation in the Southern Kara Sea, Arctic. <i>Journal of Ocean University of China</i> , 0, , .	0.6	0
482	Polar Merchant Vessel. , 2022, , 1350-1358.		0
483	Coupling Mechanisms between Cement Hydration and Permafrost During Well Construction in the Arctic Region. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
484	Research and development of anti-icing/deicing techniques for vessels: Review. <i>Ocean Engineering</i> , 2022, 260, 112008.	1.9	24
485	Energy Development of the Russian Arctic and Sustainable Development. , 2022, , 1-18.		0

#	ARTICLE	IF	CITATIONS
486	Global Energy Standoff. , 2022, , 1-13.		0
487	Revisiting the Arctic Strategy of Russia up to 2035. , 2022, , 1-21.		0
488	Application of Machine Learning to Predict Climate Change Consequences Arising Due to Investments by Banks in Fossil Fuel Sectors. Advances in Sustainability Science and Technology, 2023, , 49-90.	0.4	0
489	Multi-criteria mapping and prioritization of Arctic and North Atlantic maritime safety and security needs. European Journal of Operational Research, 2023, 307, 827-841.	3.5	3
491	Franklinian Composite Tectono-Sedimentary Element, Canadian Arctic Islands. Geological Society Memoir, 2024, 57, .	0.9	2
492	Mg effect on the cryogenic temperature toughness of Al-Mg alloys. Materials and Design, 2022, 224, 111336.	3.3	11
493	The potential of direct air capture using adsorbents in cold climates. IScience, 2022, 25, 105564.	1.9	5
494	Structural reliability based energy-efficient arctic position mooring control of moored offshore structures under ice loads. Ocean Engineering, 2023, 268, 113435.	1.9	1
495	Experimental study on PVA reinforced salt-water ice under uniaxial-compression at arctic low temperatures. Cold Regions Science and Technology, 2023, 206, 103751.	1.6	3
496	Experimental study on size effect and durability properties of PVA reinforced ice at Arctic low temperatures. Journal of Building Engineering, 2023, 65, 105757.	1.6	2
497	The government behind insurance governance: Lessons for ransomware. Regulation and Governance, 2023, 17, 1000-1020.	1.9	4
498	Distribution of Gutless Siboglinid Worms (Annelida, Siboglinidae) in Russian Arctic Seas in Relation to Gas Potential. Diversity, 2022, 14, 1061.	0.7	3
499	Features of Oil Spills Monitoring on the Water Surface by the Russian Federation in the Arctic Region. Journal of Marine Science and Engineering, 2023, 11, 111.	1.2	5
500	Coupling mechanisms between cement hydration and permafrost during well construction in the Arctic region. , 2023, 222, 211429.		1
501	Quantitative review summarizing the effects of oil pollution on subarctic and arctic marine invertebrates. Environmental Pollution, 2023, 319, 120960.	3.7	7
502	Experimental Study on Mechanical Properties of Basalt Fiber Concrete after Cryogenic Freeze-Thaw Cycles. Polymers, 2023, 15, 196.	2.0	5
503	Research on the Effect of Crucial Parameters on Ice Borehole Deformations Using a Proposed Computation Model. Processes, 2023, 11, 1150.	1.3	0
504	The Northeast Canada Rifted Margin Composite Tectono-Sedimentary Element, Baffin Bay, Davis Strait, and Labrador Sea. Geological Society Memoir, 2024, 57, .	0.9	1

#	ARTICLE	IF	CITATIONS
505	Effect of tempering process on the cryogenic impact toughness of 13Cr4NiMo martensitic stainless steel. <i>Journal of Materials Research and Technology</i> , 2023, 23, 5618-5630.	2.6	8
506	Flexural and fracture performance of UHPC exposed to low-temperature environment. <i>Construction and Building Materials</i> , 2023, 373, 130865.	3.2	5
507	Interaction of a Flexural-Gravity Wave with a Vertical Rigid Plate Built in a Floating Elastic Plate. <i>Journal of Marine Science and Engineering</i> , 2023, 11, 697.	1.2	1
508	Widespread natural methane and oil leakage from sub-marine Arctic reservoirs. <i>Nature Communications</i> , 2023, 14, .	5.8	7
509	Arktyka w przestrzeni informacyjnej państw arktycznych w dobie wojny rosyjsko-ukraińskiej (24 lutego) Tj, ETQq0 0 0 rgBT /Ov	0.1	0
510	Evidence of Arctic methane emissions across the mid-Pleistocene. <i>Communications Earth & Environment</i> , 2023, 4, .	2.6	4
511	Global challenges and opportunities for Arctic oil and gas projects. <i>E3S Web of Conferences</i> , 2023, 378, 06007.	0.2	0
521	Mathematical Geosciences. <i>Encyclopedia of Earth Sciences Series</i> , 2023, , 801-817.	0.1	0
527	Unified Model for Oil and Gas Reservoirs Formation. , 2023, , 183-216.		0
528	Buoyancy-Driven Hydrocarbon Accumulation Depth in the WPS. , 2023, , 103-130.		0
529	Active Source-Rock Depth Limit in the WPS. , 2023, , 159-182.		0
542	Realizing Alternative Energy Futures: From the Promise of a Petroleum Future to Imagining Lofoten as the Green Islands. <i>Springer Climate</i> , 2024, , 169-191.	0.3	0