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## Solubility of methane in distilled water and seawater

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542	Solubility of Syngas Components in Water, Acetic Acid and Alcohol Using New Standard Fugacity Methodology.		
541	Sub-Ocean: Subsea Dissolved Methane Measurements Using an Embedded Laser Spectrometer Technology.		
540	Methane production in the waters off Walvis Bay. <b>1977</b> , 82, 4947-4953		56
539	Occurrence of methane in the near-surface waters of the western subtropical North-Atlantic. <b>1977</b> , 24, 127-138		139
538	Sources and sinks of atmospheric methane. <b>1978</b> , 116, 452-464		205
537	Methane supersaturation and ATP-zooplankton blooms in near-surface waters of the Western Mediterranean and the subtropical North Atlantic Ocean. <b>1979</b> , 26, 1237-1245		43
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187	The Extent and Regulation of Summer Methane Oxidation in Northern Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2018</b> , 123, 3216-3230	3.7	27
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174	Methane levels in five shallow lakes in China: Effect of lake paludification. <b>2019</b> , 503, 128-135		2
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162	Methane Dynamics of Aquaculture Shrimp Ponds in Two Subtropical Estuaries, Southeast China: Dissolved Concentration, Net Sediment Release, and Water Oxidation. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 1430-1445	3.7	13
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159	Effects of Moisture and Salinity on Methane Adsorption in Kerogen: A Molecular Simulation Study. <b>2019</b> , 33, 5368-5376		20
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156	Seasonal Sources of Whole-Lake CH <sub>4</sub> and CO <sub>2</sub> Emissions From Interior Alaskan Thermokarst Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 1209-1229	3.7	13
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152	Geographically widespread <sup>13</sup> C-depletion of grazing caddis larvae: A third way of fuelling stream food webs?. <b>2019</b> , 64, 787-798		2
151	Regulation of carbon dioxide and methane in small agricultural reservoirs: optimizing potential for greenhouse gas uptake. <i>Biogeosciences</i> , <b>2019</b> , 16, 4211-4227	4.6	10
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148	Carbon outwelling and outgassing vs. burial in an estuarine tidal creek surrounded by mangrove and saltmarsh wetlands. <b>2019</b> , 64, 996-1013		62

147	Enrichment of Anaerobic Methanotrophs in Biotrickling Filters Using Different Sulfur Compounds as Electron Acceptor. <b>2019</b> , 36, 431-443		2
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135	Seasonal variations of geochemical parameters for a tropical landfill: Implications for landfill stabilization. <b>2020</b> , 121, 104686		2
134	Authigenic Ferrimagnetic Iron Sulfide Preservation Due to Nonsteady State Diagenesis: A Perspective From Perseverance Drift, Northwestern Weddell Sea. <b>2020</b> , 21, e2020GC009380		2
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126	REFERENCES. <b>2020</b> , 357-383		
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80	Methanol improves methane uptake in starved methanotrophic microorganisms. <b>1998</b> , 64, 1143-6	43
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73	Physical controls on CH <sub>4</sub> emissions from a newly flooded subtropical freshwater hydroelectric reservoir: Nam Theun 2.	2
72	CO <sub>2</sub> and CH <sub>4</sub> in sea ice from a subarctic fjord.	4
71	Low methane (CH <sub>4</sub> ) emissions downstream of a monomictic subtropical hydroelectric reservoir (Nam Theun 2, Lao PDR).	4
70	Effect of sporadic destratification, seasonal overturn and artificial mixing on CH <sub>4</sub> emissions at the surface of a subtropical hydroelectric reservoir (Nam Theun 2 Reservoir, Lao PDR).	3
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67	Impact of an 8.2-kyr-like event on methane emissions in northern peatlands.	3
66	Improved quantification of microbial CH <sub>4</sub> oxidation efficiency in Arctic wetland soils using carbon isotope fractionation.	1
65	Organic matter sources, fluxes and greenhouse gas exchange in the Oubangui River (Congo River basin).	1
64	Implementation and evaluation of a new methane model within a dynamic global vegetation model: LPJ-WHyMe v1.3.	14
63	A numerical scheme to calculate temperature and salinity dependent air-water transfer velocities for any gas.	7
62	Effectiveness of phosphorus control under extreme heatwaves: implications for sediment nutrient releases and greenhouse gas emissions. <b>2021</b> , 156, 421	3
61	Assessing Spatio-Temporal Variability of Free Gas in Surficial Cohesive Sediments Using Tidal Pressure Fluctuations. <b>2021</b> , 126,	
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