

# Biogas production: current state and perspectives

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Population dynamics of methanogens during acidification of biogas fermenters fed with maize silage. <i>Engineering in Life Sciences</i> , 2010, 10, 496-508.	2.0	49
2	Identification of methanogenic pathways in anaerobic digesters using stable carbon isotopes. <i>Engineering in Life Sciences</i> , 2010, 10, 509-514.	2.0	34
3	Next-Generation Biofuels: Survey of Emerging Technologies and Sustainability Issues. <i>ChemSusChem</i> , 2010, 3, 1106-1133.	3.6	270
4	Membrane biogas upgrading processes for the production of natural gas substitute. <i>Separation and Purification Technology</i> , 2010, 74, 83-92.	3.9	206
5	Selective microbial aerosolization in biogas demonstrated by quantitative PCR. <i>Bioresource Technology</i> , 2010, 101, 7252-7257.	4.8	21
6	Negative Net CO <sub>2</sub> Emissions from Oxy-Decarbonization of Biogas to H <sub>2</sub> . <i>International Journal of Chemical Reactor Engineering</i> , 2010, 8, .	0.6	19
7	Hydrogen producing water treatment through solar photocatalysis. <i>Energy and Environmental Science</i> , 2010, 3, 1042.	15.6	115
8	Difficulties Associated with Monodigestion of Grass as Exemplified by Commissioning a Pilot-Scale Digester. <i>Energy &amp; Fuels</i> , 2010, 24, 4459-4469.	2.5	44
9	Measurements of <sup>13</sup> C/ <sup>12</sup> C Methane from Anaerobic Digesters: Comparison of Optical Spectrometry with Continuous-Flow Isotope Ratio Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2010, 44, 5067-5073.	4.6	30
10	Combustion Characteristics of Biomass Residues and Biowastes: Fate of Fuel Nitrogen. <i>Energy &amp; Fuels</i> , 2010, 24, 5309-5319.	2.5	44
11	Mesophilic anaerobic digestion: first option for waste treatment in tropical regions. <i>Critical Reviews in Biotechnology</i> , 2010, 30, 259-282.	5.1	16
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14	Anaerobic technology harnessed fully by using different techniques: Review. , 2011, , .		10
15	Contribution of Anaerobic Digesters to Emissions Mitigation and Electricity Generation Under U.S. Climate Policy. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6735-6742.	4.6	77
16	Study on Biogas Production by Dry Anaerobic Co-Digestion of Animal Manure and Straw. <i>Advanced Materials Research</i> , 0, 236-238, 98-103.	0.3	1
18	Discriminating Multiple Impacts of Biogas Residues Amendment in Selectively Decontaminating Chloroacetanilide Herbicides. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11177-11185.	2.4	13
19	Application of flow-injection potentiometric system for determination of total concentration of aliphatic carboxylic acids. <i>Talanta</i> , 2011, 85, 2047-2052.	2.9	4

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