

Hydrogen production by biological processes: a survey

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cyanobacterial hydrogen production. World Journal of Microbiology and Biotechnology, 2000, 16, 757-767.	1.7	69
2	Hydrogen production by biological processes: a survey of literature. International Journal of Hydrogen Energy, 2001, 26, 13-28.	3.8	1,732
3	Electron microscopy of hydrogen producing immobilized <i>E. cloacae</i> IIT-BT 08 on natural polymers. International Journal of Hydrogen Energy, 2001, 26, 1155-1163.	3.8	13
4	Continuous hydrogen production by immobilized <i>Enterobacter cloacae</i> IIT-BT 08 using lignocellulosic materials as solid matrices. Enzyme and Microbial Technology, 2001, 29, 280-287.	1.6	264
5	Characterization of the Oxygen Tolerance of a Hydrogenase Linked to a Carbon Monoxide Oxidation Pathway in <i>Rubrivivax gelatinosus</i> . Applied and Environmental Microbiology, 2002, 68, 2633-2636.	1.4	51
6	Effects of volatile fatty acids on a thermophilic anaerobic hydrogen fermentation process degrading peptone. Water Science and Technology, 2002, 46, 209-214.	1.2	38
7	Hydrogen production by cyanobacteria in an automated outdoor photobioreactor under aerobic conditions. Biotechnology and Bioengineering, 2002, 80, 777-783.	1.7	108
8	Hydrogen futures: toward a sustainable energy system. International Journal of Hydrogen Energy, 2002, 27, 235-264.	3.8	1,197
9	Hydrogen production from rice winery wastewater in an upflow anaerobic reactor by using mixed anaerobic cultures. International Journal of Hydrogen Energy, 2002, 27, 1359-1365.	3.8	383
10	Hydrogen in education? a biological approach. International Journal of Hydrogen Energy, 2002, 27, 1131-1140.	3.8	36
11	Behavioral study on hydrogen fermentation reactor installed with silicone rubber membrane. International Journal of Hydrogen Energy, 2002, 27, 1157-1165.	3.8	70
12	Fermentative hydrogen production by a new chemoheterotrophic bacterium <i>Rhodospseudomonas Palustris</i> P4. International Journal of Hydrogen Energy, 2002, 27, 1373-1379.	3.8	128
13	Dilution methods to deprive <i>Chlamydomonas reinhardtii</i> cultures of sulfur for subsequent hydrogen photoproduction. International Journal of Hydrogen Energy, 2002, 27, 1245-1249.	3.8	75
14	Photohydrogen production using purple nonsulfur bacteria with hydrogen fermentation reactor effluent. International Journal of Hydrogen Energy, 2002, 27, 1309-1313.	3.8	122
15	Hydrogen production from a carbon-monoxide oxidation pathway in <i>Rubrivivax gelatinosus</i> . International Journal of Hydrogen Energy, 2002, 27, 1407-1411.	3.8	44
16	Aspects of the metabolism of hydrogen production by <i>Rhodobacter sphaeroides</i> . International Journal of Hydrogen Energy, 2002, 27, 1315-1329.	3.8	423
17	Biohydrogen production with fixed-bed bioreactors. International Journal of Hydrogen Energy, 2002, 27, 1167-1174.	3.8	362
18	Microbial Hydrogen Production with Immobilized Sewage Sludge. Biotechnology Progress, 2002, 18, 921-926.	1.3	102

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19	Augmentation of H ₂ photoproduction in <i>Rhodospseudomonas palustris</i> by N-heterocyclic aromatic compounds. <i>Biotechnology Letters</i> , 2003, 25, 79-82.	1.1	10
20	H ₂ production with anaerobic sludge using activated-carbon supported packed-bed bioreactors. <i>Biotechnology Letters</i> , 2003, 25, 133-138.	1.1	113
21	Isolation of hydrogen-producing bacteria from granular sludge of an upflow anaerobic sludge blanket reactor. <i>Biotechnology and Bioprocess Engineering</i> , 2003, 8, 54-57.	1.4	39
22	Hydrogen production from sucrose using an anaerobic sequencing batch reactor process. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 678-684.	1.6	100
23	Effect of low pH on the activity of hydrogen utilizing methanogen in bio-hydrogen process. <i>International Journal of Hydrogen Energy</i> , 2003, , .	3.8	45
24	Kinetics of biological hydrogen production by the photosynthetic bacterium <i>Rhodobacter sphaeroides</i> O.U. 001. <i>International Journal of Hydrogen Energy</i> , 2003, 28, 381-388.	3.8	200
25	Fermentative biohydrogen production by a new chemoheterotrophic bacterium <i>Citrobacter</i> sp. Y19. <i>International Journal of Hydrogen Energy</i> , 2003, 28, 1353-1359.	3.8	196
26	Hydrogen production by auto-thermal reforming of ethanol on Rh/Al ₂ O ₃ catalyst. <i>Journal of Power Sources</i> , 2003, 123, 10-16.	4.0	165
27	Fedbatch Operation Using <i>Clostridium acetobutylicum</i> Suspension Culture as Biocatalyst for Enhancing Hydrogen Production. <i>Biotechnology Progress</i> , 2003, 19, 383-388.	1.3	145
28	Hydrogen Production with Immobilized Sewage Sludge in Three-Phase Fluidized-Bed Bioreactors. <i>Biotechnology Progress</i> , 2003, 19, 828-832.	1.3	130
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36	Hydrogen Production From Propionate by <i>Rhodospseudomonas capsulata</i> . <i>Applied Biochemistry and Biotechnology</i> , 2004, 117, 143-154.	1.4	27

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38	Production of H ₂ from sucrose by Escherichia coli strains carrying the pUR400 plasmid, which encodes invertase activity. <i>Biotechnology Letters</i> , 2004, 26, 1879-1883.	1.1	26
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41	Carbon/nitrogen-ratio effect on fermentative hydrogen production by mixed microflora. <i>International Journal of Hydrogen Energy</i> , 2004, 29, 41-45.	3.8	318
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53	Fermentative hydrogen production with CGS5 isolated from anaerobic sewage sludge. <i>International Journal of Hydrogen Energy</i> , 2005, 30, 1063-1070.	3.8	330
54	Biohydrogen production with anaerobic sludge immobilized by ethylene-vinyl acetate copolymer. <i>International Journal of Hydrogen Energy</i> , 2005, 30, 1375-1381.	3.8	90

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