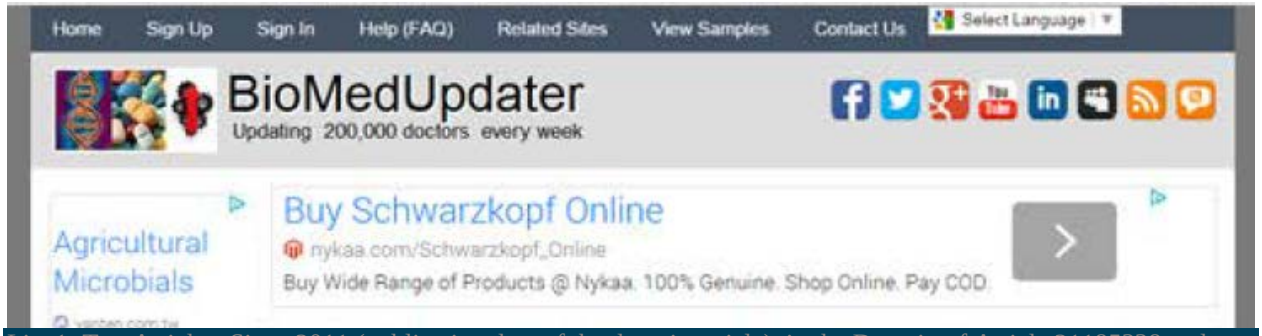

List 1: Top Articles, Since 2011 (publication date of the domain article), in the Domain of Article 21185338 and Keywords 'biohydrogen, microbial fuel cell, algal biotechnology'

Note: when none of the articles in the list is relevant to your topic, this means there haven't been new publications on your topic in this time-frame.

Items 1 to 20 of about 4536324

1. 25% Nishio K, Hashimoto K, Watanabe K: **Digestion of algal biomass for electricity generation in microbial fuel cells.** *Biosci Biotechnol Biochem*; 2013;77(3):670-2

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2. 14% Lee JY, Chen XJ, Lee EJ, Min KS: **Effects of pH and carbon sources on biohydrogen production by co-culture of Clostridium butyricum and Rhodobacter sphaeroides.** *J Microbiol Biotechnol*; 2012 Mar;22(3):400-6

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3. 10% Begemann MB, Mormile MR, Sitton OC, Wall JD, Elias DA: **A Streamlined Strategy for Biohydrogen Production with Halanaerobium hydrogeniformans, an Alkaliphilic Bacterium.** *Front Microbiol*; 2012;3:93

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4. 10% Mullai P, Rene ER, Sridevi K: **Biohydrogen production and kinetic modeling using sediment microorganisms of Pichavaram mangroves, India.** *Biomed Res Int*; 2013;2013:265618

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5. 9% Chen R, Wang YZ, Liao Q, Zhu X, Xu TF: **Hydrolysates of lignocellulosic materials for biohydrogen production.** *BMB Rep*; 2013 May;46(5):244-51

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6. 9% Khanna N, Ghosh AK, Huntemann M, Deshpande S, Han J, Chen A, Kyrpides N, Mavrommatis K, Szeto E, Markowitz V, Ivanova N, Pagani I, Pati A, Pitluck S, Nolan M, Woyke T, Teshima H, Chertkov O, Daligault H, Davenport K, Gu W, Munk C, Zhang X, Bruce D, Detter C, Xu Y, Quintana B, Reitenga K, Kunde Y, Green L, Erkkila T, Han C, Brambilla EM, Lang E, Klenk HP, Goodwin L, Chain P, Das D: **Complete genome sequence of Enterobacter sp. IIT-BT 08: A potential microbial strain for high rate hydrogen production.** *Stand Genomic Sci*; 2013 Dec 20;9(2):359-69

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7. 4% Cooper IF, Siadaty MS: **'Laboratory Procedures' associated with 'Ph': Top Publications.** *BioMedLib Review*; LaboratoryProcedure;Ph:705411698. ISSN: 2331-5717. 2014/4/27 **[Fulltext service]** Download fulltext PDF of **this article**.

8. 110% Khanna N, Kotay SM, Gilbert JJ, Das D: **Improvement of biohydrogen production by Enterobacter cloacae IIT-BT 08 under regulated pH.** *J Biotechnol*; 2011 Mar 10;152(1-2):9-15

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9. 30% He H, Zhou M, Yang J, Hu Y, Zhao Y: **Simultaneous wastewater treatment, electricity generation and biomass production by an immobilized photosynthetic algal microbial fuel cell.** *Bioprocess Biosyst Eng*; 2014 May;37(5):873-80

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10. 18% Wang H, Liu D, Lu L, Zhao Z, Xu Y, Cui F: **Degradation of algal organic matter using microbial fuel cells and its association with trihalomethane precursor removal.** *Bioresour Technol*; 2012 Jul;116:80-5

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11. 17% Tenca A, Schievano A, Perazzolo F, Adani F, Oberti R: **Biohydrogen from thermophilic co-fermentation of swine manure with fruit and vegetable waste: maximizing stable production without pH control.** *Bioresour Technol*; 2011 Sep;102(18):8582-8

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12. 17% Xiao Y, Zhang X, Zhu M, Tan W: **Effect of the culture media optimization, pH and temperature on the biohydrogen production and the hydrogenase activities by Klebsiella pneumoniae ECU-15.** *Bioresour Technol*; 2013 Jun;137:9-17

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13. 16% Robledo-Narváez PN, Muñoz-Páez KM, Poggi-Varaldo HM, Ríos-Leal E, Calva-Calva G, Ortega-Clemente LA, Rinderknecht-Seijas N, Estrada-Vázquez C, Ponce-Noyola MT, Salazar-Montoya JA: **The influence of total solids content and initial pH on batch biohydrogen production by solid substrate fermentation of agroindustrial wastes.** *J Environ Manage*; 2013 Oct 15;128:126-37

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14. 16% Jeon HJ, Seo KW, Lee SH, Yang YH, Kumaran RS, Kim S, Hong SW, Choi YS, Kim HJ:**Production of algal biomass (Chlorella vulgaris) using sediment microbial fuel cells.** *Bioresour Technol*; 2012 Apr;109:308-11

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15. 16% Diamantis V, Khan A, Ntougias S, Stamatelatou K, Kapagiannidis AG, Aivasidis A: **Continuous biohydrogen production from fruit wastewater at low pH conditions.** *Bioprocess Biosyst Eng*; 2013 Jul;36(7):965-74

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16. 15% Redwood MD, Orozco RL, Majewski AJ, Macaskie LE: **Electro-extractive fermentation for efficient biohydrogen production.** *Bioresour Technol*; 2012 Mar;107:166-74

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17. 14% Kumar K, Roy S, Das D: **Continuous mode of carbon dioxide sequestration by C. sorokiniana and subsequent use of its biomass for hydrogen production by E. cloacae IIT-BT 08.***Bioresour Technol*; 2013 Oct;145:116-22

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18. ..... 12% Lin YH, Juan ML, Hsien HJ: **Effects of temperature and initial pH on biohydrogen production from food-processing wastewater using anaerobic mixed cultures.** *Biodegradation*; 2011 Jun;22(3):551-63

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19. ..... 12% Yong YC, Yu YY, Yang Y, Liu J, Wang JY, Song H: **Enhancement of extracellular electron transfer and bioelectricity output by synthetic porin.** *Biotechnol Bioeng*; 2013 Feb;110(2):408-16

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20. ..... 11% Chairattanamanokorn P, Tapananont S, Detjaroen S, Sangkhatim J, Anurakpongsatorn P, Sirirote P: **Additional paper waste in pulping sludge for biohydrogen production by heat-shocked sludge.***Appl Biochem Biotechnol*; 2012 Jan;166(2):389-401

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