

Advances in nanomaterials induced biohydrogen production using waste biomass

Srivastava, Neha; Srivastava, Manish; Mishra, Pradeep Kumar; Kausar, Mohd Adnan; Saeed, Mohd; **Gupta, Vijai Kumar**; Singh, Rajeev; Ramteke, Pramod Wasudeo Bioresource Technology 2020 / art. 123094 <https://doi.org/10.1016/j.biortech.2020.123094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioprocessing of waste biomass for sustainable product development and minimizing environmental impact

Usmani, Zeba; Sharma, Minaxi; Awasthi, Abhishek Kumar; Sivakumar, Nallusamy; **Lukk, Tiit** Bioresource technology 2021 / art. 124548, 12 p. : ill <https://doi.org/10.1016/j.biortech.2020.124548> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations

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Co-gasification of biomass and oil shale under CO₂ atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)

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Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by Clostridium pasteurianum (MTCC116)

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Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

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Ionic liquid based pretreatment of lignocellulosic biomass for enhanced bioconversion

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A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzate under co-culture system

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Simultaneous nitrite and ammonium production in an autotrophic partial denitrification and ammonification of wastewaters containing thiocyanate

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Virus-bacterium interaction involved in element cycles in biological treatment of coking wastewater

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