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entitled "Research on the release of volatile organic compounds from om municipal solid waste" NCN funding, Preludium BIS 2 program, /ST8/02750, \$136K - PI entitled "Investigation of the influence of technological parameters of 6 on the release of volatile organic compounds from biochar". NCN decision number DEC-2019/35/O/ST8/03353, \$136K - PI ge Grant "The effect and microbial mechanisms of hydrochar on the tion from organic waste", the bilateral, scientific exchange between al Agency for Academic Exchange, PPN/BCN/2019/1/00050, \$8K - PI ovative, effective method of biomass biological treatment under an mplemented under the Bon for Innovations program. Project number: K - PI ogical line for the conversion of organic waste into innovative, high- m program 1/1.1.1/2015 action 1.1.1. PO IR POIR (NCBiR). \$4865K - n of substrates based on the best-terra compost and composting ting plant at the Boguszowice sewage treatment plant - the project novations program. Project number: POIR.02.03.02-24-0019/17.
vaste with application of waste sulfur
ng and Energy
elopment projects related to the production of hydrogen from waste management - WasteToHydrogen. Biowaste consisting of highly d water may be a valuable source of hydrogen, however, the direct rk fermentation remains still ineffective. Therefore new approach has ess consisting of anaerobic digestion of biowaste with the application drogen sulfide (H2S) content in the biogas combined with the ting by thermal decomposition or photocatalysis will be developed. unaerobic digestion to increase the H2S yield and to find the most ction and splitting into H2 and elemental sulfur. The possibilities of ic digester have been already examined. It increased the biogas yield beet of the application of waste sulfur into anaerobic digester is that ng is 10 fold lower than in the case of water in the electrolysis he synergistic effect of the recycling of the type of waste biowaste the petrochemical industry.
ience in environmental engineering, environmental biotechnology, or ate should have knowledge of biowaste conversion via biological and candidate should willingly participate in the international internship, should be active in increasing scientific skills during the specialized e skills, especially in the journal manuscripts and scientific proposals equired.
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