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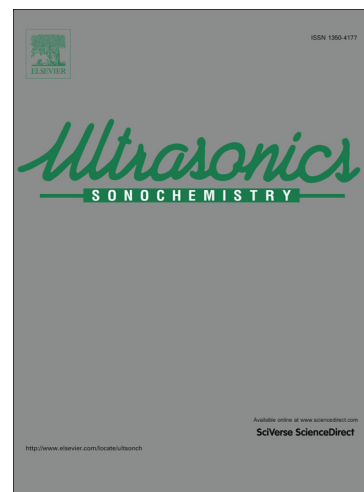
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**Conditioning of sewage sludge via combined
ultrasonication-flocculation-skeleton building to improve sludge dewaterability**

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Abstract

Strong water trapping ability of polyelectrolyte flocculated sludge and high compressibility of sludge filter cake greatly hindered the further improvement of sludge dewaterability. Ultrasound (US) was used to strip the water from the sludge flocs through sludge disintegration, traditional cationic polyacrylamide (CPAM) was

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