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UV-initiated polymerization of acid- and alkali-resistant
cationic flocculant P(AM-MAPTAC): Synthesis, characterization,
and application in sludge dewatering

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Abstract: Cationic polyacrylamide (CPAM) has been the focus of research in environmental engineering field, particularly in sludge dewatering. However, poor stability of the existing cationic polyacrylamide has limited its application. In the face

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