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**Activation of peroxymonosulfate by nitrogen-functionalized
sludge carbon for efficient degradation of organic pollutants in
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List of abbreviations (Alphabetically):

AC: activated carbon; **ACF:** activated carbon fiber; **AO7:** acid orange 7;

DMPO: 5,5-dimethyl-1-pyrroline;

EDX: energy dispersive X-ray spectrometry; **EPR:** electron paramagnetic resonance;

ICP-OES: inductively coupled plasma optical emission spectrometry;

NSC: nitrogen-functionalized sludge carbon; **NSC-700-X:** NSC prepared with varied
mass ratio of urea to sludge carbon (X) under 700 °C;

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