

**Advanced chemical oxidation with pre-coagulation for treatment of paint manufacturing wastewater**

**Kattel, Eneliis; Viisimaa, Marika; Klauson, Deniss; Trapido, Marina; Dulova, Niina** Proceedings of the International Conference on Advances In Applied Science and Environmental Engineering - ASEE 2014 2014 / p. 38-43 : ill

**Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge**

**Tikker, Priit; Dulova, Niina; Kornev, Iakov; Preis, Sergei** Chemical engineering journal 2021 / art. 128586

<https://doi.org/10.1016/j.cej.2021.128586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced H<sub>2</sub>O<sub>2</sub>/Fe<sup>2+</sup> and S<sub>2</sub>O<sub>8</sub><sup>2-</sup>/Fe<sup>2+</sup> processes**

**Kattel, Eneliis; Trapido, Marina; Dulova, Niina** Chemosphere 2017 / p. 528-536 : ill

<https://doi.org/10.1016/j.chemosphere.2016.12.104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidative degradation of levofloxacin in aqueous solution by S<sub>2</sub>O<sub>8</sub><sup>2-</sup>/Fe<sup>2+</sup>, S<sub>2</sub>O<sub>8</sub><sup>2-</sup>/H<sub>2</sub>O<sub>2</sub> and S<sub>2</sub>O<sub>8</sub><sup>2-</sup>/OH<sup>-</sup> processes : a comparative study**

**Epold, Irina; Dulova, Niina** Journal of environmental chemical engineering 2015 / p. 1207-1214 : ill

<https://doi.org/10.1016/j.jece.2015.04.019> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in various water matrices**

**Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina** Environmental technology 2020 / p. 202-210 : ill

<https://doi.org/10.1080/09593330.2018.1493149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides**

**Balpreet Kaur; Kuntus, Liina; Tikker, Priit; Kattel, Eneliis; Trapido, Marina; Dulova, Niina** Science of the total environment 2019

/ p. 165-175 : ill <https://doi.org/10.1016/j.scitotenv.2019.04.277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)