

**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

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

**Tikker, Priit; Dulova, Niina; Kornev, Iakov; Preis, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts

2021 / O 11 [http://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](http://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril**

**Suut-Tuule, Elina; Jarg, Tatsiana; Tikker, Priit; Lootus, Ketren-Marlein; Martõnova, Jevgenija; Reitalu, Rauno; Ustrnol, Lukas; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Ören, Mario; Rissanen, Kari; Kananovich, Dzmitry; Aav, Riina** Cell reports physical science 2024 / art. 102161

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**Optimization of aqueous media treatment with pulsed corona discharge : hydrodynamics and kinetics conformed with the discharge parameters and energy efficiency = Impulss koroona elektrilahenduse optimeerimine vesikeskkonna töötlemiseks : hüdrodünaamika ja kineetika lähtuvalt elektrilahenduse parameetritest ning energia efektiivsusest**

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**Optimized spray density in water treatment with gas-phase pulsed corona discharge**

**Tikker, Priit; Kornev, Iakov; Preis, Sergei** 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts 2019 / p. 678–679

**Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density**

**Tikker, Priit; Kornev, Iakov; Preis, Sergei** Journal of electrostatics 2020 / art. 103466, 5 p. : ill

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**Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density : [conference paper]**

**Tikker, Priit; Kornev, Iakov; Preis, Sergei** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 83

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**Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and oxidation products identification**

**Tikker, Priit; Nikitin, Dmitri; Preis, Sergei** The chemical engineering journal 2022 / art. 135602

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**Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and oxidation products identification : [conference paper]**

**Tikker, Priit; Nikitin, Dmitri; Preis, Sergei** MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 69 <https://www.researchgate.net/publication/362102748>

**Oxidation of aqueous p-Nitroaniline by pulsed corona discharge**

**Jayachandrabal, Balachandramohan; Tikker, Priit; Preis, Sergei** Separation and Purification Technology 2022 / Art. nr. 121473

<https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxidation of bisphenol a by pulsed corona discharge : impacts of plasma-liquid contact surface and a surfactant radical scavenger**

**Nikitin, Dmitri; Tikker, Priit; Preis, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 37

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**Photochemical oxidation of ceftriaxone by magnetite-activated persulfate [Online resource]**

**Tikker, Priit; Kattel, Eneliis; Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmdk.ut.ee/teesid-2019/>

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**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](#)

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**Tseftriaksooni fotokeemiline oksüdatsioon magnetiidiga aktiveeritud persulfaadiga**

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