

The activity of nanomaterials in photocatalysis

Krichevskaya, Marina Proceedings 2023 / art. 23 <https://doi.org/10.3390/proceedings2023092023>

Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis

Altof, Kristen; Krichevskaya, Marina; Preis, Sergei; Bolobajev, Juri Journal of electrostatics 2025 / art. 104104

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Applications of gas-phase ultraviolet photocatalytic oxidation technology in indoor environments

Palmiste, Ülar; Voll, Hendrik; Tang, Walter Zhonghong Healthy Buildings 2017 Europe : July 2-5, 2017, Lublin, Poland 2017 / paper 0278, [6] p

Combination of advanced oxidation methods for the energy-efficient abatement of aqueous and gaseous hazardous pollutants = Süvaoksüdatsiooniprotsesside kombineerimine ohtlike saasteainete energiatõhusaks lagundamiseks vees ja õhus

Kask, Maarja 2021 https://www.ester.ee/record=b5451819*est <https://digikogu.taltech.ee/et/Item/26344f14-93e2-432d-82d6-cc540247d95b>
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Eesti koolid vajavad kohe kiiret remonti

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Ekspert: koroonakriisiga toimetulekuks vajavad koolide ventilatsioonisüsteemid remonti [Võrguväljaanne]

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Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators

Palmiste, Ülar; Voll, Hendrik 3rd International Conference "Innovative Materials, Structures and Technologies" : Riga, Latvia, 27-29 September 2017 : [abstracts] 2017 / p. 123

Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators

Palmiste, Ülar; Voll, Hendrik IOP conference series : materials science and engineering 2017 / art. 012055, p. 1-7

<https://doi.org/10.1088/1757-899X/251/1/012055> Journal metrics at Scopus Article at Scopus Article at WOS

Gas-phase photocatalytic degradation of acetone and toluene, and their mixture in the presence of ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge

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Oxidation of airborne m-Xylene in pulsed corona discharge: Impact of water sprinkling

Altof, Kristen; Krichevskaya, Marina; Preis, Sergei; Bolobajev, Juri ChemEngineering 2024 / art. 99

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Oxidation of aqueous toluene by gas-phase pulsed corona discharge in air-water mixtures followed by photocatalytic exhaust air cleaning

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