

Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis
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Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass

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Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Pilnik-Sudareva, Jana; Pronina, Natalja; Budarnaja, Olga; Kritševskaja, Marina; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Central European journal of chemistry 2013 / p. 1620-1633 : ill <https://doi.org/10.2478/s11532-013-0290-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large area bar coated TiO₂ electron transport layers for perovskite solar cells with excellent performance homogeneity

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Oxygen barrier properties of Al₂O₃- and TiO₂-coated LDPE films

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Photocatalytic degradation of different VOCs in the gas-phase over TiO₂ thin films prepared by ultrasonic spray pyrolysis

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Plasmon resonance effect caused by gold nanoparticles formed on titanium oxide films

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Plasmonic TiO₂:Au composite layers deposited in situ by chemical spray pyrolysis

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Selective performance of sol-gel synthesised titanium dioxide photocatalysts in aqueous oxidation of various-type organic pollutants

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Study on the properties of TiO₂ thin films deposited by ultrasonic spray pyrolysis

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Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO₂ films

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Synthesis control of charge separation at anatase TiO₂ thin films studied by transient surface photovoltage spectroscopy

Dittrich, Thomas; **Sydorenko, Jekaterina; Spalatu, Nicolae**; Nickel, Norbert H.; **Mere, Arvo; Krunks, Malle; Oja Acik, Ilona** ACS applied materials & interfaces 2022 / p. 43163-43170 <https://doi.org/10.1021/acsami.2c09032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Zirconium doped TiO₂ thin films deposited by chemical spray pyrolysis

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Thickness effect on photocatalytic activity of TiO₂ thin films fabricated by ultrasonic spray pyrolysis

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TiO₂:Sm³⁺ based luminescent oxygen sensitive probes in LDPE packaging material

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