

Characterisation of samarium and nitrogen co-doped TiO₂ films prepared by chemical spray pyrolysis

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Effect of the titanium isopropoxide : acetylacetone molar ratio on the photocatalytic activity of TiO₂ thin films

Spiridonova, Jekaterina; **Katerski, Atanas;** **Danilson, Mati;** **Kritševskaja, Marina;** **Krunks, Malle;** **Oja Acik, Ilona** Molecules 2019 / art. 4326, 14 p. : ill <https://doi.org/10.3390/molecules24234326> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced visible and ultraviolet light-induced gas-phase photocatalytic activity of TiO₂ thin films modified by increased amount of acetylacetone in precursor solution for spray pyrolysis

Spiridonova, Jekaterina; **Mere, Arvo;** **Krunks, Malle;** **Rosenberg, Merilin;** Kahru, Anne; **Danilson, Mati;** **Kritševskaja, Marina;** **Oja Acik, Ilona** Catalysts 2020 / 21 p. : ill <https://doi.org/10.3390/catal10091011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spray-pyrolysis synthesised TiO₂ thin films for photocatalytic air treatment from volatile organic compounds

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