

**Gas-phase photocatalytic activity of nanostructured titanium dioxide from flame aerosol synthesis**

**Jöks, Svetlana; Klauson, Deniss; Kritševskaja, Marina; Preis, Sergei;** Qi, Fei; Weber, Alfred; Moiseev, Anna; Deubener, Joachim Applied catalysis B : environmental 2012 / p. 1-9 : ill <https://www.sciencedirect.com/science/article/pii/S0926337311004255>

**Interaction of tannic acid with ferric iron to assist 2,4,6-trichlorophenol catalytic decomposition and reuse of ferric sludge as a source of iron catalyst in Fenton-based treatment**

**Bolobajev, Juri; Trapido, Marina; Goi, Anna** Applied catalysis B : environmental 2016 / p. 75-82 : ill

<https://doi.org/10.1016/j.apcatb.2016.01.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Titanium dioxide sol-gel-coated expanded clay granules for use in photocatalytic fluidized-bed reactor**

**Pronina, Natalja; Klauson, Deniss;** Moiseev, Anna; Deubener, Joachim; **Kritševskaja, Marina** Applied catalysis B : environmental 2015 / p. 117-123 : ill <https://doi.org/10.1016/j.apcatb.2014.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

**Water delignification by advanced oxidation processes : homogeneous and heterogeneous Fenton and H<sub>2</sub>O<sub>2</sub> photo-assisted reactions**

Makhotkina, O.; **Preis, Sergei;** Parkhomchuk, E. Applied catalysis B : environmental 2008 / 3/4, p. 821-826 : ill

<https://www.sciencedirect.com/science/article/pii/S0926337308002348>