

**Analysis of photocatalytic performance of nanostructured pyrogenic titanium dioxide powders in view of their polydispersity and phase transition : critical anatase particle size as a factor for suppression of charge recombination**  
Moiseev, Anna; **Kritševskaja, Marina**; Qi, Fei; Weber, Alfred; Deubener, Joachim Chemical engineering journal 2013 / p. 614-621 : ill <https://doi.org/10.1016/j.cej.2013.05.038>

**Analysis of photocatalytic performance of pyrogenic titanium dioxide nanopowders in view of their polydispersity and anatase phase transition**

**Kritševskaja, Marina**; Moiseev, Anna; Qi, Fei; Weber, Alfred; Deubener, Joachim Book of abstracts : Fourth International Conference on Semiconductor Photochemistry 2013 / p. 226

**Characterization of thermally treated anatase TiO<sub>2</sub> supplemented by oxygen adsorption measurements**

**Kritševskaja, Marina**; Moiseev, Anna; Weber, Alfred; Deubener, Joachim 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 124 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**Elimination of persistent emerging micropollutants in a suspended-bed photocatalytic reactor : influence of operating conditions and combination with aerobic biological treatment**

**Pronina, Natalja; Klauson, Deniss; Rudenko, Tatjana; Künnis-Beres, Kai; Kamenev, Inna; Kamenev, Sven**; Moiseev, Anna; Deubener, Joachim; **Kritševskaja, Marina** Photochemical & photobiological sciences 2016 / p. 1492-1502 : ill <http://doi.org/10.1039/C6PP00319B>

**Fluidized-bed photocatalytic reactor : influence of operating conditions on the elimination of persistent emerging micropollutants**

**Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Rudenko, Tatjana; Künnis-Beres, Kai**; Moiseev, Anna; Deubener, Joachim; **Kritševskaja, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 124 : ill

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

Jöks, Svetlana; **Klauson, Deniss; Kritševskaja, Marina; Preis, Sergei**; Moiseev, Anna; Qi, F.; Deubener, Joachim; Weber, Alfred Photocatalytic and Advanced Oxidation Technologies for Treatment of Water, Air, Soil and Surfaces (PAOT) : Gdansk, Poland, 4-8 July, 2011 : abstracts 2011 / p. 62

**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>

**Gas-phase photocatalytic oxidation of mixtures of refractory organic compounds : through the net of process limitations**

**Kritševskaja, Marina**; Moiseev, Anna; Preis, Sergei; Deubener, Joachim European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 127 : ill

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**Gas-phase photocatalytic oxidation of refractory VOCs mixtures : through the net of process limitations**

**Kritševskaja, Marina**; Preis, Sergei; Moiseev, Anna; **Pronina, Natalja**; Deubener, Joachim Catalysis today 2017 / p. 93-98 : ill <http://dx.doi.org/10.1016/j.cattod.2016.03.041>

**Photocatalytic activity of quenched flame-synthesized titania nanoparticles**

**Klauson, Deniss**; Hauser, G. I.; **Kritševskaja, Marina**; Moiseev, Anna; Weber, Alfred; Deubener, Joachim 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 199 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**Study of gas-phase photocatalytic activity of titania thin films in multi-section plug-flow reactor**

**Kritševskaja, Marina**; Helsch, G.; **Pronina, Natalja**; Moiseev, Anna; Weber, Alfred; Deubener, Joachim 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 197 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

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

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