

Acquisition of O₂ adsorption isotherms as supplementary analysis for thorough characterization of polycrystalline titanium dioxide photocatalysts

Moiseev, Anna; **Kritševskaja, Marina; Klauson, Deniss** 20th International Conference on Photochemical Conversion and Storage of Solar Energy : Berlin, Germany, July 27th-August 1st, 2014 2014 / p. 85

Acquisition of O₂ adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts

Moiseev, Anna; **Kritševskaja, Marina; Preis, Sergei** Surfaces and interfaces 2019 / p. 44-49 : ill

<https://doi.org/10.1016/j.surf.2018.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Aqueous photocatalytic oxidation of doxycycline

Klauson, Deniss; Poljakova, Alissa; Pronina, Natalja; Kritševskaja, Marina; Moiseev, Anna; Dedova, Tatjana; Preis, Sergei

Journal of advanced oxidation technologies 2013 / p. 234-243

Characterization of thermally treated anatase TiO₂ 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

Degradation of environmentally toxic refractory compounds in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis [Online resource]

Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Kamenev, Inna; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna;

Kritševskaja, Marina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

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>

Fenoolsete ja aromaatset[te] amiinoühendite fotokatalüütiline oksüdatsioon saastatud vetes

Preis, Sergei; Kritševskaja, Marina; Terentjeva, Jelena; Moiseev, Anna XXV Eesti keemiapäevad : teaduskonverentsi

ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 134-135

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

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 : book of proceedings 2015 / [1] p. : ill

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 : book of proceedings 2015 / [2] p. : ill

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

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>

Implementation of TiO₂ oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation

Kritševskaja, Marina; Moiseev, Anna; **Klauson, Deniss**; **Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 148 : ill

Implementation of TiO₂ oxygen adsorption capacities for the evaluation of photocatalysts' activity in pollutants' oxidation

Kritševskaja, Marina; Moiseev, Anna; **Klauson, Deniss**; **Pronina, Natalja** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

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

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

Kritševskaja, Marina; Hensch, 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

Titaandioksiidi kinnitamine keramsiidi pinnale : katete fotokatalüütilise aktiivsuse määramine doksütsükliini lagundamisel ning kinnitusmeetodi optimeerimine

Pronina, Natalja; **Moiseev, Anna**; **Kritševskaja, Marina**; **Klauson, Deniss** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 61

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

Pronina, Natalja; **Kritševskaja, Marina**; **Klauson, Deniss**; Moiseev, Anna Book of Abstracts of the 8th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications : Thessaloniki, Greece, 25-28 June, 2014 2014 / p. 66

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 <http://dx.doi.org/10.1016/j.apcatb.2014.10.006>

Treatment of phenolic and aromatic amino compounds in polluted waters by photocatalytical oxidation

Preis, Sergei; **Kritševskaja, Marina**; **Terentjeva, Jelena**; **Moiseev, Anna**; **Kallas, Juha** Journal advanced oxidation technology 2002 / 1, p. 77-84 : ill