

**Acquisition of O<sub>2</sub> 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 O<sub>2</sub> adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts**

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

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**Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level**

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**Traumann, Ada; Kritševskaja, Marina; Tint, Piia; Klauson, Deniss** Agronomy research 2014 / p. 925-934 : ill

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**Akrüülnitriili fotokatalüütiline oksüdatsioon gaasifaasis**

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**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**

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**Application of fly ash of lignite combustion in air and water purification**

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**Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide**

**Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

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

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#### **Development of spray-pyrolysis-synthesised TiO<sub>2</sub> thin films for photocatalytic degradation of volatile organic compounds in air = Pihustuspirolüüsiga sünteesitud TiO<sub>2</sub> õhukeste kilede väljatöötamine lenduvate orgaaniliste ühendite fotokatalüütiliseks lagundamiseks õhus**

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