

LIST OF POSTER PRESENTATIONS SPEA6 - SESSION 2

Air and Water Treatment (Tuesday 15.6.2010)

Poster No.	Author's name	Poster title
PP2.01	Muñoz-Vicente María	Photocatalytic Elimination Of Biological Pollution In Indoor Air
PP2.02	Hernández Alonso M. D.	Hybrid TiO ₂ /SiMgO _x Materials for Combined Adsorption and Photocatalytic Elimination of Gaseous H ₂ S
PP2.03	Lin Chia-Chang	Photoreduction of CO ₂ with H ₂ O by UV/ZnO process
PP2.04	Koci Kamila	Comparison of the Pure TiO ₂ and Kaolinite/TiO ₂ Composite as Catalyst for CO ₂ Photocatalytic Reduction
PP2.05	Faure Marie	Impact of photocatalytic supports on <i>E.coli</i> cells injury
PP2.06	Ballari M.M.	Experimental Study of the NO and NO ₂ Degradation by Photocatalytically Active Concrete
PP2.07	Alfano Orlando	Inactivation of Spores of <i>Bacillus subtilis</i> on UV-irradiated TiO ₂ thin films
PP2.08	Hequet Valérie	Kinetic Investigations and Reaction Intermediates During Photocatalytic Degradation of Decane at ppb Levels
PP2.09	Hadj-ssa Aurélie	Formaldehyde Removal by Photocatalytic Mortar Mixed With TiO ₂
PP2.10	Bourgeois Pierre-Alexandre	Photocatalytic Removal of VOCs by a New Textile Composed of Optical Fibers
PP3.11	Revilla González Asunción	Photocatalytic Removal of s-triazines: Evaluation of Operational Parameters
PP2.12	Tasbihi Minoo	Titania-Containing Mesoporous Silica Powders: Structural Properties and Photocatalytic Activity Towards Toluene Degradation
PP2.13	Li Puma Gianluca	Multi-Plate Photocatalytic Reactor For Air Purification
PP2.14	Matejka Vlastimil	Kaolinite/TiO ₂ Composite as a Photoactive Component in Cement Based Materials Designed for Reduction of NO
PP2.15	Floris T.	Waste Gas Treatment: The Flexible Testing of the Photocatalytic Activity of Layered Materials in the Circulating Batch Set-Up
PP2.16	Trapalis Christos	Photocatalytic Oxidation of NO _x by Composite Hydroxyapatite/ TiO ₂ Materials
PP2.17	Yu Q.L.	Kinetic Study of Indoor Air Purification Using Heterogeneous Photocatalytic Oxidation
PP2.18	Meroni Daniela	N-doped TiO ₂ Nanoparticles. Photocatalytic Degradation of Ethanol and Acetaldehyde in the Gas Phase
PP2.19	Yamin Yas	One Dimensional TiO ₂ -Based Photocatalysts for Odors Removal Under UV-A, Visible and Solar Light Illumination
PP2.20	Teramura Kentaro	Photocatalytic Aerobic Epoxidation of Alkenes under Visible Light Irradiation by an Iron(III) Porphyrin with Mg-Al Hydrocalcite Anionic Clay
PP2.21	Pintor A.M.A.	Treatment of Cork Industry Wastewaters by Combined Solar Photo-Fenton and Biological Oxidation Processes
PP2.22	Qamar Mohammad	A Comparative Photocatalytic Activity of Pt/WO ₃ and Au/WO ₃ Nanocomposites in Aqueous Suspensions
PP2.23	Adan Cristina	UV-Assisted Photocatalytic Degradation of Ethidium Bromide with an Iron-Doped TiO ₂ Catalyst Employing H ₂ O ₂ as Oxidant
PP2.24	Mansilla Héctor	Sulfacetamide Oxidation by TiO ₂ and ZnO Photocatalysis
PP2.25	Nasuhoglu Deniz	Photocatalytic Removal of Two Antibiotics under UV-C Radiation: Sulfamethoxazole (SMX) and Levofloxacin (LEVO)
PP2.26	Fedorova Tatiana	Heterogeneous Sensitizers on Basis of Metal Phthalocyanines in Phenol and Chlorophenols Photooxidation
PP2.27	Aguirre Miriam	Decontamination of IGCC Power-Station Wastewater Effluent in a UV Pilot Plant
PP2.28	Choina Julia	The Adsorption Contribution of Tetracycline Abatement Assisted by Photocatalysis
PP2.29	Andronic Ludmila	Methyl Orange Degradation on Fly-Ash and Photo-Fenton Systems
PP2.30	Malato Sixto	Application of Modified Mild Photo-Fenton as a Tertiary Treatment for Municipal Wastewater
PP2.31	Peral Jose	Nitrogen doped TiO ₂ for Hydrogen Production under Visible Light Irradiation
PP2.32	Bubacz Kamila	Thermal Treatment of Nitrogen Modified TiO ₂ and Its Photocatalytic Properties
PP2.33	Piszc Micha?	Photoactivity of WO ₃ -TiO ₂ Composites under UV and Visible Light Irradiation
PP2.34	Gimenez Jaime	Photocatalytic Treatment of Metoprolol and Propranolol
PP2.35	Eslami Akbar	Photocatalytic Degradation of Methyl Tert-butyl Ether (MTBE) in Contaminated Water by ZnO Nanoparticles
PP2.36	Heciak Aleksandra	Photocatalytic Decomposition of Acetic Acid on Fe – modified TiO ₂ . Generation of Useful Hydrocarbons and Hydrogen
PP2.37	Safari Ali Asghar	Application of Photocatalytic Process for Removal of Methyl Tert-butyl Ether (MTBE) from Highly Contaminated Water
PP2.38	Kim Jungwon	Photocatalytic Activities of Platinized WO ₃ for the Degradation of Aquatic Pollutants under Visible Light Irradiation
PP2.39	Coutinho Mathilda	Application of Titanium Dioxide Sol-gel Coatings on Historic Tiles: An Approach to Prevent Biodeterioration
PP2.40	Yeo Jiman	Photocatalytic Oxidation of As(III) on TiO ₂ : Mechanism and the Identity of Main Oxidant
PP2.41	Rey Ana	Photocatalytic Phenol Oxidation with Fe/AC+TiO ₂ +H ₂ O ₂ Hybrid System
PP2.42	Cazoir David	Photocatalytic Treatment of a Real Bilge Water Sample: A New Approach Considering Both Aqueous and Gas Phases
PP2.43	Carbajo Jaime	Influence Of Different TiO ₂ Sol-gel Synthesis on Phenol Photodegradation
PP2.44	Heikkila Mikko	Photoelectrocatalysis Using Atomic Layer Deposited TiO ₂
PP2.45	Uyguner Demirel Ceyda	Employing Spectroscopic Tools for the Assessment of Photocatalytic Degradation of Humic Acids
PP2.46	vanGrieken Rafael	Photocatalytic Inactivation of Bacteria in a Fixed-bed Reactor
PP2.47	van Grieken Rafael	Comparison of Different TiO ₂ Electrodes for the Photoelectrocatalytic Inactivation of Bacteria
PP2.48	Hernandez-Ramirez Aracely	Performance of Photo-Fenton Process for the Decolorization of a Model Mixture of Azo Dyes
PP2.49	Sannino Diana	PhotoFenton Oxidation of Acetic Acid on Structured Catalysts
PP2.50	Helali Sihem	Photocatalytic Degradation of Methylamine and Dimethylamine
PP2.51	Alfano Orlando	Treatment of Wastewater from Rinsing of Herbicide Containers. Optimization of UV/H ₂ O ₂ Process.
PP2.52	Frontistis Zacharias	Degradation of EDCs in Aqueous Solution by Solar-Fenton Homogeneous Photocatalysis
PP2.53	Hamdy Mohamed	Effect of TiO ₂ Source on the Photocatalytic Degradation of Aqueous Methyl Orange Solution
PP2.54	Baudys Michal	Photocatalytic Degradation of AO7 on Various Powder TiO ₂ Photocatalysts

PP2.55	Arques	Antonio	Solar Photocatalytic Processes (TiO ₂ and Photo-Fenton) to Control Affections Caused by Zebra Mussel
PP2.56	Amat	Ana M.	Solar Photocatalysis (Photo-Fenton and Titanium Dioxide) as a Tertiary Treatment at the Outlet of a Wastewater Treatment Plant
PP2.57	Li Puma	Gianluca	Treatment of Synthetic Swine Manure Water by Ozone-Based Advanced Oxidation Processes in a Pilot-Scale Bubble Column Reactor
PP2.58	Vesela	Mária	Fungicidal and Bactericidal Activity of Printed Titanium Dioxide Layers
PP2.59	Lipenska	Michaela	Antimicrobial Effect of Printed Microstructured Ag/TiO ₂ Layers
PP2.60	Hejda	Stanislav	Efficient Photodegradation of Gasoline Additives MTBE and ETBE with TiO ₂ and CeO ₂
PP2.61	Xekoukoulotakis	Nikos	UV-A Assisted Photocatalytic Degradation of the Antibiotic Sulfamethoxazole in Aqueous TiO ₂ Suspensions
PP2.62	Neumann-Spallart	M.	Photoelectrochemical Degradation of Selected Aromatic Molecules
PP2.63	Merka	O.	Controlling Rhodamine B Degradation over Pb ₃ Nb ₄ O ₁₃ via pH Variation
PP2.64	Hwang	Anna	Photocatalytic Degradation of Bisphenol A with TiO ₂ Slurry
PP2.65	Kluson	P.	Ability of Photocatalytic TiO ₂ Surfaces to Destroy MRSA ST398 Under Controlled UV Light Conditions
PP2.66	Laera	G.	Photo-catalytic Activity of TiO ₂ Nanofibres in Simulated and Real Municipal Effluents
PP2.67	Venieri	Danae	Disinfection of Water by Solar, UV-A and UV-C Irradiation
PP2.68	Bengtsson	Nikolas	Impact of the Nature of UV-A Lamp on the Photocatalytic Degradation of Toluene by Concrete Coated with TiO ₂