Comptes Rendus
Chimie
Supplementary material to the article available at:
https://doi.org/10.5802/crchim.145

Supplementary material: Excellent ambient oxidation and mineralization of an emerging water pollutant using Pd-doped TiO_2 photocatalyst and UV-A irradiation

Document complémentaire : Excellentes oxydation et minéralisation d'un polluant émergent de l'eau en conditions ambiantes en utilisant un photocatalyseur TiO_2 dopé avec Pd et irradiation UV-A

Doina Lutic [a], Amalia Maria Sescu [b], Samy Siamer [c, d], Maria Harja [*, b] and Lidia Favier [*, d]

[a] Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi, 700506 Iasi, Romania

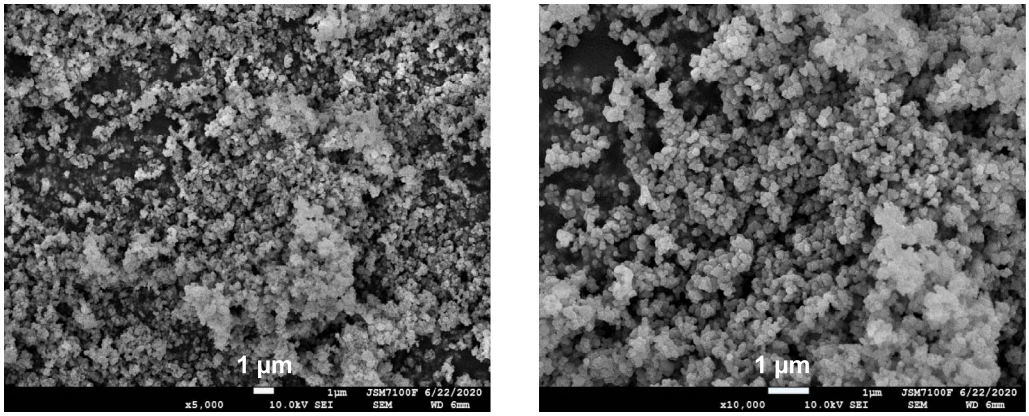
[b] Faculty of Chemical Engineering and Environmental Protection, "Gheorghe Asachi" Technical University of Iasi, 700050 Iasi, Romania

[c] Laboratoire Génie de la Réaction, Faculté de Génie des Procédés et Génie Mécanique, U.S.T.H.B., BP 32, El Allia, Bab Ezzouar, Algeria

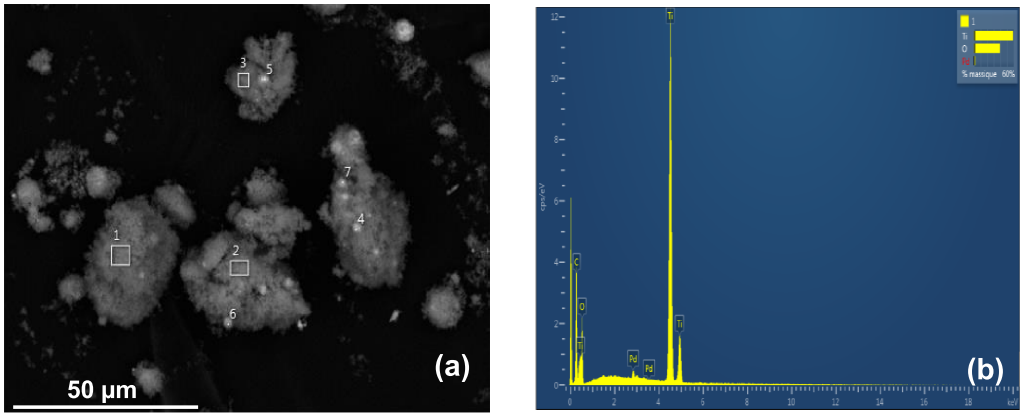
[d] Univ Rennes, Ecole Nationale Supérieure de Chimie de Rennes, CNRS, ISCR-UMR 6226, F-35000 Rennes, France

E-mails: doilub@uaic.ro (D. Lutic), sescu.amaliamaria@gmail.com (A. M. Sescu), samysiamer92@gmail.com (S. Siamer), maria_harja06@yahoo.com (M. Harja), lidia.favier@ensc-rennes.fr (L. Favier)

[*] Corresponding authors.



Supplementary Figure S1. Scanning electron microscopy images of TiO_2_Pd sample obtained by incipient wet impregnation technique.



Supplementary Figure S2. Elemental mapping by EDAX for a sample of TiO_2_Pd (a) overall aspect; (b) average elemental composition on the selected areas.