

## Accepted Manuscript

Title: Perovskite Nanostructures Assembled in Molten Salt Based on Halogen Anions KX (X=F, Cl and Br): Regulated Morphology and Defect-Mediated Photocatalytic Activity

Authors: Reshalaiti Hailili, Chuanyi Wang, Eric Lichtfouse

PII: S0926-3373(18)30283-2  
DOI: <https://doi.org/10.1016/j.apcatb.2018.03.075>  
Reference: APCATB 16533

To appear in: *Applied Catalysis B: Environmental*

Received date: 26-1-2018  
Revised date: 13-3-2018  
Accepted date: 21-3-2018

Please cite this article as: Hailili R, Wang C, Lichtfouse E, Perovskite Nanostructures Assembled in Molten Salt Based on Halogen Anions KX (X=F, Cl and Br): Regulated Morphology and Defect-Mediated Photocatalytic Activity, *Applied Catalysis B, Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.03.075>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Perovskite Nanostructures Assembled in Molten Salt Based on Halogen  
Anions KX (X = F, Cl and Br): Regulated Morphology and Defect-  
Mediated Photocatalytic Activity**

Reshalaiti Hailili,<sup>†‡1</sup> Chuanyi Wang,<sup>†§1\*</sup> Eric Lichtfouse<sup>//</sup>

<sup>†</sup>Laboratory of Environmental Sciences and Technology, Xinjiang Technical Institute of Physics & Chemistry, Key Laboratory of Functional Materials and Devices for Special Environments, Chinese Academy of Sciences, Urumqi 830011, China.

<sup>‡</sup>The Graduate School of Chinese Academy of Science, Beijing 100049, China.

<sup>§</sup>School of Environmental Science and Engineering, Shaanxi University of Science and Technology, Xi'an, Shaanxi 710021, China.

<sup>//</sup>CEREGE, University of Aix-Marseille, Aix en Provence 13100, France.

<sup>1</sup>These authors contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/6498411>

Download Persian Version:

<https://daneshyari.com/article/6498411>

[Daneshyari.com](https://daneshyari.com)