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Authors: Ramesh Gade, Jakeer Ahemed, Kalyana Lakshmi Yanapu, Seid Yimer Abate, Yu-Tai Tao, Someshwar Pola



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# Photodegradation of Organic Dyes and Industrial Wastewater in the Presence of Layer-type Perovskite Materials under Visible Light Irradiation

Ramesh Gade,<sup>a</sup> Jakeer Ahemed,<sup>a</sup> Kalyana Lakshmi Yanapu,<sup>b</sup> Seid Yimer Abate,<sup>c,d,e</sup> Yu-Tai Tao<sup>c</sup> and Someshwar Pola<sup>a\*</sup>

<sup>a</sup>Department of Chemistry, Nizam College, Osmania University, Hyderabad, India.

<sup>b</sup>Department of Physics, Nizam College, Osmania University, India.

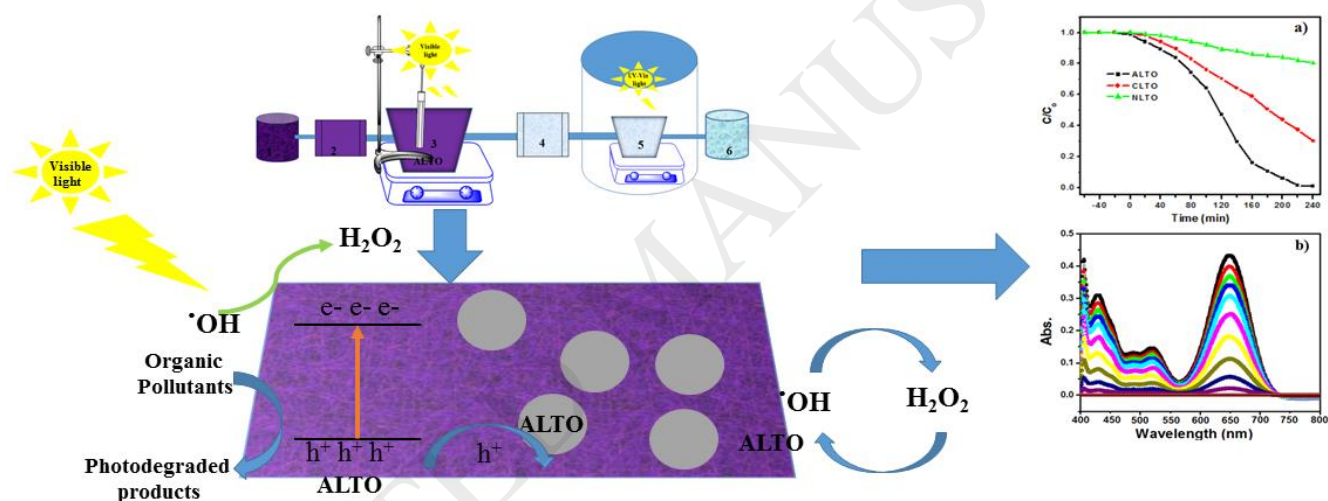
<sup>c</sup>Institute of Chemistry, Academia Sinica, Nankang, Taipei 115, Taiwan.

<sup>d</sup>Taiwan International Graduate Program (TIGP), Sustainable Chemical Science and Technology (SCST), Academia Sinica, Taipei, Taiwan.

<sup>e</sup>Department of Applied Chemistry, National Chiao Tung University, Hsinchu, Taiwan

Corresponding Author: Dr. Someshwar Pola, email: [somesh.pola@gmail.com](mailto:somesh.pola@gmail.com) Tel: +919959972288

## Graphical Abstract



Layer type perovskite materials ( $A^I A^{II} Ti_2 O_6$  ( $A^I = Na$  or  $Ag$  or  $Cu$ ;  $A^{II} = La$ )) acts as photocatalysts for degradation and mineralization of various pollutants and industrial wastewater under visible light irradiation.

## Research highlights

- Preparation of new layer type perovskite materials by ion-exchange method.
- Characterization new materials with various spectroscopic techniques.

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