

Bi-based photocatalysts for bacterial inactivation in water: Inactivation mechanisms, challenges, and strategies to improve the photocatalytic activity

[Bi-based photocatalysts for bacterial inactivation in water: Inactivation mechanisms, challenges, and strategies to improve the photocatalytic activity - ScienceDirect](https://www.sciencedirect.com/science/article/abs/pii/S001393512200161X)

The screenshot shows a web browser displaying the article page on ScienceDirect. The browser's address bar shows the URL: <https://www.sciencedirect.com/science/article/abs/pii/S001393512200161X>. The page header includes a search bar and a notification: "Amazon Regional University IKIAM does not subscribe to this content on ScienceDirect." The article title is "Bi-based photocatalysts for bacterial inactivation in water: Inactivation mechanisms, challenges, and strategies to improve the photocatalytic activity". The journal is "Environmental Research", Volume 209, June 2022, 112834. The authors listed are Michael Suarez-Chamba^a, Saravanan Rajendran^b, Miguel Herrera-Robledo^a, A.K. Priya^c, and Carlos Navas-Cárdenas^a. The abstract begins with: "Bi-based photocatalysts have been considered suitable materials for water disinfection under natural solar light due to their outstanding optical and electronic properties. However, until now, there are not extensive reviews about the development of Bi-based materials and their application in bacterial inactivation in aqueous solutions. For this..." The Windows taskbar at the bottom shows the time as 09:48 a.m. on 04/04/2023.