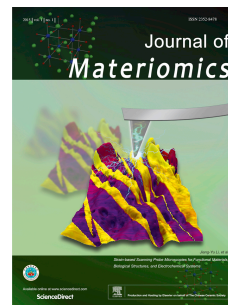


# Accepted Manuscript

Recent advancements in plasmon-enhanced visible light-driven water splitting

Qingzhe Zhang, Deepak Thrithamarassery Gangadharan, Yanlong Liu, Zhenhe Xu, Mohamed Chaker, Dongling Ma



PII: S2352-8478(16)30098-3

DOI: [10.1016/j.jmat.2016.11.005](https://doi.org/10.1016/j.jmat.2016.11.005)

Reference: JMAT 80

To appear in: *Journal of Materiomics*

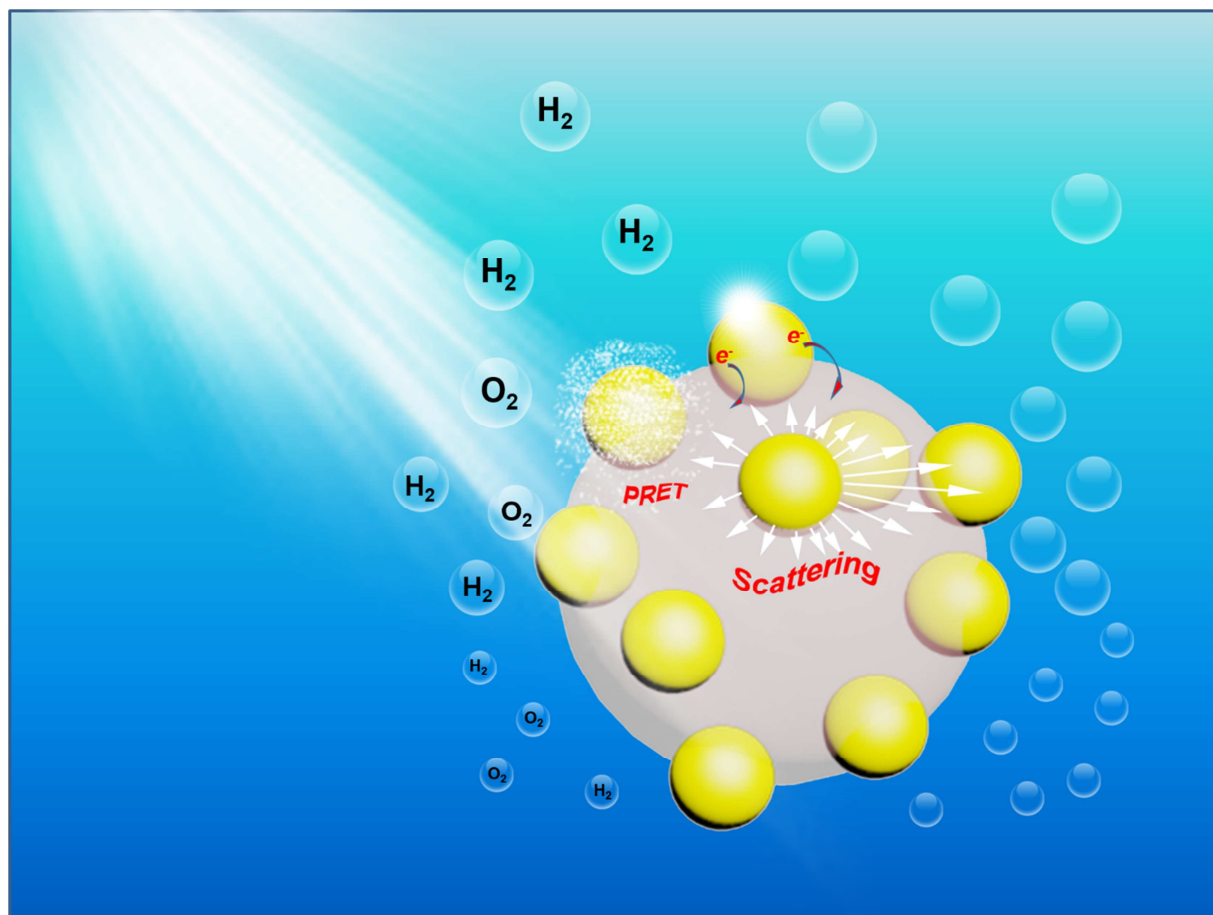
Received Date: 10 September 2016

Revised Date: 14 November 2016

Accepted Date: 21 November 2016

Please cite this article as: Zhang Q, Thrithamarassery Gangadharan D, Liu Y, Xu Z, Chaker M, Ma D, Recent advancements in plasmon-enhanced visible light-driven water splitting, *Journal of Materiomics* (2016), doi: 10.1016/j.jmat.2016.11.005.

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.



The most recent advancements in visible light-driven plasmon-enhanced water splitting were reviewed according to different enhancement mechanisms. Moreover, the influencing factors, such as shape, size and geometric position of metallic nanostructures, in plasmonic-metal/semiconductor system were also discussed in detail.

Download English Version:

<https://daneshyari.com/en/article/5447147>

Download Persian Version:

<https://daneshyari.com/article/5447147>

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