

Accepted Manuscript

Self-assembly of ionic-liquid-type imidazolium gemini surfactant with polyoxometalates into supramolecular architectures for photocatalytic degradation of dye

Panpan Sun, Shanshan Zhang, Zeyang Xiang, Jinyu Pang, Yebang Tan, Di Sun, Congxin Xia, Xiaohui Cheng, Xia Xin



PII: S0167-7322(18)33289-6
DOI: doi:[10.1016/j.molliq.2018.08.016](https://doi.org/10.1016/j.molliq.2018.08.016)
Reference: MOLLIQ 9461
To appear in: *Journal of Molecular Liquids*
Received date: 28 June 2018
Accepted date: 3 August 2018

Please cite this article as: Panpan Sun, Shanshan Zhang, Zeyang Xiang, Jinyu Pang, Yebang Tan, Di Sun, Congxin Xia, Xiaohui Cheng, Xia Xin , Self-assembly of ionic-liquid-type imidazolium gemini surfactant with polyoxometalates into supramolecular architectures for photocatalytic degradation of dye. Molliq (2018), doi:[10.1016/j.molliq.2018.08.016](https://doi.org/10.1016/j.molliq.2018.08.016)

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.

Self-assembly of Ionic-Liquid-Type Imidazolium Gemini Surfactant with Polyoxometalates into Supramolecular Architectures for Photocatalytic Degradation of Dye

Panpan Sun ^a, Shanshan Zhang ^b, Zeyang Xiang ^a, Jinyu Pang ^c, Yebang Tan ^b, Di Sun ^{b*}, Congxin
Xia ^a, Xiaohui Cheng ^a, Xia Xin ^{a*}

^a *National Engineering Technology Research Center for Colloidal Materials, Shandong University,
Jinan, 250100, P. R. China.*

^b *Key Lab for Colloid and Interface Chemistry of Education Ministry, School of Chemistry and
Chemical Engineering, Shandong University, Jinan 250100, P. R. China.*

^c *Shanxi Transportation Research Institute, Taiyuan, 030006, P. R. China*

*Author to whom correspondence should be addressed, E-mail: dsun@sdu.edu.cn.

Phone: +86-531-88364218. Fax: +86-531-88564750

*Author to whom correspondence should be addressed, E-mail: xinx@sdu.edu.cn.

Phone: +86-531-88363597. Fax: +86-531-88361008

Download English Version:

<https://daneshyari.com/en/article/10155129>

Download Persian Version:

<https://daneshyari.com/article/10155129>

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