

Accepted Manuscript

Hydrogen-Bonded Polymer Nanocomposites Containing Discrete Layers of Gold Nanoparticles

Joshua T. O'Neal, Matthew J. Bolen, Ethan Y. Dai, Jodie L. Lutkenhaus

PII: S0021-9797(16)30699-3
DOI: <http://dx.doi.org/10.1016/j.jcis.2016.09.044>
Reference: YJCIS 21596

To appear in: *Journal of Colloid and Interface Science*

Received Date: 6 August 2016
Revised Date: 19 September 2016
Accepted Date: 20 September 2016

Please cite this article as: J.T. O'Neal, M.J. Bolen, E.Y. Dai, J.L. Lutkenhaus, Hydrogen-Bonded Polymer Nanocomposites Containing Discrete Layers of Gold Nanoparticles, *Journal of Colloid and Interface Science* (2016), doi: <http://dx.doi.org/10.1016/j.jcis.2016.09.044>

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.



Hydrogen-Bonded Polymer Nanocomposites Containing Discrete Layers of Gold Nanoparticles

Joshua T. O'Neal,¹ Matthew J. Bolen,² Ethan Y. Dai,³ Jodie L. Lutkenhaus^{1,2}*

¹Department of Materials Science & Engineering, Texas A&M University, College Station,
Texas 77840, United States

josh.oneal534@gmail.com

*jodie.lutkenhaus@tamu.edu

979-845-6446

²Artie McFerrin Department of Chemical Engineering, Texas A&M University, College Station,
Texas 77843, United States

mattbolen@tamu.edu

³Department of Electrical & Computer Engineering, Texas A&M University, College Station,
Texas 77843, United States

[yd2542@tamu.edu](mailto:yid2542@tamu.edu)

Keywords. Layer-by-layer assembly, spray, gold nanoparticles, hydrogen bonding, nanocomposites, stimuli-responsive, delivery

Download English Version:

<https://daneshyari.com/en/article/4985373>

Download Persian Version:

<https://daneshyari.com/article/4985373>

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