

Accepted Manuscript

Title: Laser assisted synthesis of silver nanoparticles in silica aerogel by supercritical deposition technique

Authors: Vladimir Arakcheev, Victor Bagratashvili, Alexey Bekin, Dmitry Khmelenin, Nikita Minaev, Viacheslav Morozov, Alexey Rybaltovsky



PII: S0896-8446(16)30496-X
DOI: <http://dx.doi.org/doi:10.1016/j.supflu.2017.03.028>
Reference: SUPFLU 3897

To appear in: *J. of Supercritical Fluids*

Received date: 1-12-2016
Revised date: 27-3-2017
Accepted date: 28-3-2017

Please cite this article as: Vladimir Arakcheev, Victor Bagratashvili, Alexey Bekin, Dmitry Khmelenin, Nikita Minaev, Viacheslav Morozov, Alexey Rybaltovsky, Laser assisted synthesis of silver nanoparticles in silica aerogel by supercritical deposition technique, The Journal of Supercritical Fluids <http://dx.doi.org/10.1016/j.supflu.2017.03.028>

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.

Laser assisted synthesis of silver nanoparticles in silica aerogel by supercritical deposition technique

Vladimir Arakcheev^{a*}, Victor Bagratashvili^b, Alexey Bekin^a, Dmitry Khmelenin^c, Nikita Minaev^b, Viacheslav Morozov^a, Alexey Rybaltovsky^d

^aInternational Laser Centre and Physics Faculty of Lomonosov Moscow State University, Moscow 119991, Russia.

^bInstitute of Laser and Information Technology, Russian Academy of Sciences, Pionerskaya ul. 2, Troitsk, Moscow oblast, 142190 Russia

^cFSRC "Crystallography and Photonics" RAS, 59, Leninskiy Prospekt, 119333, Moscow, Russia

^dSkobel'tsyn Science Research Institute of Nuclear Physics, Lomonosov Moscow State University, Moscow, 119991 Russia

* Corresponding author: Vladimir Arakcheev, e-mail adress: arakcheev@physics.msu.ru

Download English Version:

<https://daneshyari.com/en/article/4909625>

Download Persian Version:

<https://daneshyari.com/article/4909625>

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