## Accepted Manuscript

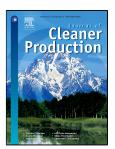
Gold nanoparticles fabrication by plant extracts: synthesis, characterization, degradation of 4-nitrophenol from industrial wastewater, and insecticidal activity – A review

Maryam Teimouri, Fariba Khosravinejad, Farnoosh Attar, Ali Akbar Saboury, Irena Kostova, Giovanni Benelli, Mojtaba Falahati

PII:	S0959-6526(18)30600-0
DOI:	10.1016/j.jclepro.2018.02.268
Reference:	JCLP 12215
To appear in:	Journal of Cleaner Production
Received Date:	06 November 2017
Revised Date:	30 January 2018
Accepted Date:	24 February 2018

Please cite this article as: Maryam Teimouri, Fariba Khosravinejad, Farnoosh Attar, Ali Akbar Saboury, Irena Kostova, Giovanni Benelli, Mojtaba Falahati, Gold nanoparticles fabrication by plant extracts: synthesis, characterization, degradation of 4-nitrophenol from industrial wastewater, and insecticidal activity – A review, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro. 2018.02.268

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.



#### ACCEPTED MANUSCRIPT

### Gold nanoparticles fabrication by plant extracts: synthesis, characterization,

#### degradation of 4-nitrophenol from industrial wastewater, and insecticidal

#### activity - A review

Maryam Teimouri<sup>1</sup>, Fariba Khosravinejad<sup>2</sup>, Farnoosh Attar<sup>3</sup>, Ali Akbar Saboury<sup>4</sup>, Irena Kostova<sup>5</sup>, Giovanni Benelli<sup>6,7</sup>, Mojtaba Falahati<sup>8\*</sup>

<sup>1</sup> Department of Biology, Roudehen Branch, Islamic Azad University, Roudehen, Iran.

<sup>2</sup> Faculty of Biology, North Tehran Branch, Islamic Azad University, Tehran, Iran

<sup>3</sup> Department of Biology, Faculty of Food Industry & Agriculture, Standard Research Institute (SRI), Karaj, Iran.

<sup>4</sup> Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran.

<sup>5</sup> Department of Chemistry, Faculty of Pharmacy, Medical University, 2 Dunav St., Sofia 1000, Bulgaria.

<sup>6</sup> Department of Agriculture, Food and Environment, University of Pisa, via del Borghetto 80, 56124 Pisa, Italy.

<sup>7</sup> The BioRobotics Institute, Scuola Superiore Sant'Anna, Viale Rinaldo Piaggio 34, 56025Pontedera, Pisa, Italy.

<sup>8</sup>Department of Nanotechnology, Faculty of Advance Science and Technology, Pharmaceutical Sciences Branches, Islamic Azad University of Tehran, Iran (IAUPS).

\* Corresponding author: Mojtaba Falahati. Tel: +98 21 22640055. Fax: +98 21 22640059. Email address: falahati@ibb.ut.ac.ir Download English Version:

# https://daneshyari.com/en/article/8096811

Download Persian Version:

https://daneshyari.com/article/8096811

Daneshyari.com