

ISSN: 2331-2076 Vol. 3, No. 3, July 2015



# Detection



ISSN: 2331-2076



[www.scirp.org/journal/detection](http://www.scirp.org/journal/detection)

# Journal Editorial Board

ISSN: 2331-2076 (Print) ISSN: 2331-2084 (Online)

<http://www.scirp.org/journal/detection>

---

## Editorial Board

<b>Dr. Kamel Ahmed Abd-Elsalam</b>	Plant Pathology Research Institute, Egypt
<b>Dr. Mohamed Salem Badawi</b>	Alexandria University, Egypt
<b>Prof. Ahmed ASaad Ibrahim Khalil</b>	Cairo University, Egypt
<b>Prof. Yanbin Li</b>	University of Arkansas, USA
<b>Prof. Laith Ahmed Najam</b>	Mosul University, Iraq
<b>Dr. Henry Y. T. Ngan</b>	Hong Kong Baptist University, China
<b>Dr. Sen Qian</b>	Institute of High Energy Physics, China
<b>Dr. Tawfik A. Saleh</b>	King Fahd University of Petroleum and Minerals, Saudi Arabia
<b>Prof. Nada Fadhil Tawfiq</b>	Al-Nahrain University, Iraq
<b>Dr. Binbin Weng</b>	University of Oklahoma, USA
<b>Prof. Guang Yang</b>	Irobotics Inc., USA

# Table of Contents

Volume 3    Number 3

July 2015

**Determination the Effect of Gamma Radiation and Thermal Neutron on PM-355 Detector by Using FTIR Spectroscopy**

H. A. Al-Jobouri.....15

## **Detection**

### **Journal Information**

#### **SUBSCRIPTIONS**

The *Detection* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$39 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **SERVICES**

##### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

##### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **COPYRIGHT**

##### **COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:**

Copyright © 2015 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

##### **COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:**

Copyright © 2015 by author(s) and Scientific Research Publishing Inc.

##### **REUSE RIGHTS FOR INDIVIDUAL PAPERS:**

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

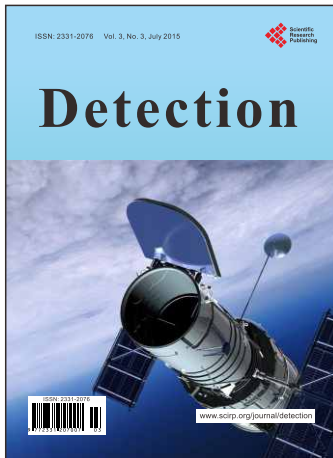
##### **DISCLAIMER OF LIABILITY**

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact:

E-mail: [detection@scirp.org](mailto:detection@scirp.org)



# Detection

ISSN: 2331-2076 (Print), 2331-2084 (Online)

<http://www.scirp.org/journal/detection>

Detection is a unique platform for publishing novel ideas, research outcomes and fundamental advances in all aspects of detection.

## Editorial Board

Dr. Kamel Ahmed Abd-Elsalam	Plant Pathology Research Institute, Egypt
Dr. Mohamed Salem Badawi	Alexandria University, Egypt
Prof. Ahmed ASaad Ibrahim Khalil	Cairo University, Egypt
Prof. Yanbin Li	University of Arkansas, USA
Prof. Laith Ahmed Najam	Mosul University, Iraq
Dr. Henry Y. T. Ngan	Hong Kong Baptist University, China
Dr. Sen Qian	Institute of High Energy Physics, China
Dr. Tawfik A. Saleh	King Fahd University of Petroleum and Minerals, Saudi Arabia
Prof. Nada Fadhil Tawfiq	Al-Nahrain University, Iraq
Dr. Binbin Weng	University of Oklahoma, USA
Prof. Guang Yang	Itrobotics Inc., USA

## Subject Coverage

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. The journal publishes original papers including but not limited to the following fields:

- Food Testing
- Infrared Detection
- Laboratory Reconnaissance
- Materials Test
- Military Detection
- Power Quality Detection
- Security Detection
- Water Detection

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

## Website and E-Mail

<http://www.scirp.org/journal/detection>

E-mail: [detection@scirp.org](mailto:detection@scirp.org)