Congress on Industrial and Applied Life Sciences & Mathematics (Nature-Math 2016)

Journal of Physics: Conference Series Volume 818

Yogyakarta, Indonesia
5 - 6 November 2016

Editors:

Lumban Gaol

ISBN: 978-1-5108-3979-3
ISSN: 1742-6588

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2016) by the Institute of Physics
All rights reserved. The material featured in this book is subject to
IOP copyright protection, unless otherwise indicated.

Printed by Curran Associates, Inc. (2017)

For permission requests, please contact the Institute of Physics
at the address below.

Institute of Physics
Dirac House, Temple Back
Bristol BS1 6BE UK

Phone: 44 1 17 929 7481
Fax: 44 1 17 920 0979

techtracking@iop.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of contents

Volume 818

2016 Congress on Industrial and Applied Life Sciences & Mathematics (Nature-Math 2016)

5–6 November 2016, Yogyakarta, Indonesia

Accepted papers received: 1 March 2017
Published online: 23 March 2017

Preface

011001
OPEN ACCESS
2016 Congress on Industrial and Applied Life Sciences & Mathematics (Nature-Math 2016)

011002
OPEN ACCESS
Invited Pleanry Speakers

011003
OPEN ACCESS
Peer review statement

Papers

012001
OPEN ACCESS
Development of methods for analysis of knee articular cartilage degeneration by magnetic resonance imaging data

Artjoms Suponenkovs, Aleksandrs Glazs and Ardis Platkajis.....1

012002
OPEN ACCESS
Impulsive Vaccination for an Epidemiology Model

M. De la Sen and A. J. Garrido.....8

012003
OPEN ACCESS
Computational Modelling and Optimal Control of Ebola Virus Disease with non-Linear Incidence Rate

I. Takaidza, O. D. Makinde and O. K. Okosun.....16

012004
OPEN ACCESS
User Requirements Analysis For Digital Library Application Using *Quality Function Deployment*.

Lily Wulandari, Lana Sularto, Tristyanti Yusnitasari and Diana Ikasari.....28