



**Editors:**

**Prof. Shengyong Chen, Zhejiang University of Technology, China**

**Prof. Hongkuan Wu, China Jiliang University, China**

# **Applied Computer & Applied Computational Science**

**Hosted and Sponsored by:**

- **China Jiliang University**
- **Zhejiang University of Technology**
- **Hebei University of Technology**



**Proceedings of the 9<sup>th</sup> WSEAS International Conference on  
Applied Computer and Applied Computational Science  
(ACACOS '10)**

**Hangzhou, China, April 11-13, 2010**

**Electrical and Computer Engineering Series  
A Series of Reference Books and Textbooks**



**ISBN: 978-960-474-173-1  
ISSN: 1790-5117**

**Published by WSEAS Press  
[www.wseas.org](http://www.wseas.org)**

**APPLIED COMPUTER & APPLIED COMPUTATIONAL SCIENCE**



# **APPLIED COMPUTER & APPLIED COMPUTATIONAL SCIENCE**

**Proceedings of the 9th WSEAS International Conference on  
APPLIED COMPUTER and APPLIED COMPUTATIONAL  
SCIENCE (ACACOS '10)**

**Hangzhou, China, April 11-13, 2010**

**Hosted and Sponsored by:  
China Jiliang University  
Zhejiang University of Technology  
Hebei University of Technology**

Electrical and Computer Engineering Series  
A Series of Reference Books and Textbooks

Published by WSEAS Press  
[www.wseas.org](http://www.wseas.org)

ISSN: 1790-5117  
ISBN: 978-960-474-173-1

# APPLIED COMPUTER & APPLIED COMPUTATIONAL SCIENCE

**Proceedings of the 9th WSEAS International Conference on  
APPLIED COMPUTER and APPLIED COMPUTATIONAL  
SCIENCE (ACACOS '10)**

**Hangzhou, China, April 11-13, 2010**

**Hosted and Sponsored by:  
China Jiliang University  
Zhejiang University of Technology  
Hebei University of Technology**

Electrical and Computer Engineering Series  
A Series of Reference Books and Textbooks

Published by WSEAS Press  
[www.wseas.org](http://www.wseas.org)

**Copyright © 2010, by WSEAS Press**

All the copyright of the present book belongs to the World Scientific and Engineering Academy and Society Press. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the Editor of World Scientific and Engineering Academy and Society Press.

All papers of the present volume were peer reviewed by two independent reviewers. Acceptance was granted when both reviewers' recommendations were positive.  
See also: <http://www.worldses.org/review/index.html>

ISSN: 1790-5117  
ISBN: 978-960-474-173-1



World Scientific and Engineering Academy and Society

# **APPLIED COMPUTER & APPLIED COMPUTATIONAL SCIENCE**

**Proceedings of the 9th WSEAS International Conference on  
APPLIED COMPUTER and APPLIED COMPUTATIONAL  
SCIENCE (ACACOS '10)**

**Hangzhou, China, April 11-13, 2010**

**Hosted and Sponsored by:  
China Jiliang University  
Zhejiang University of Technology  
Hebei University of Technology**



**Editors:**

Prof. Shengyong Chen, Zhejiang University of Technology, China

Prof. Hongkuan Wu, China Jiliang University, China

**International Program Committee Members:**

Gerardo Acosta, SPAIN

Ping An, CHINA

Yuejun An, CHINA

Kiyoshi Akama, JAPAN

Ali Al-dahoud, JORDAN

Yasar Amin, PAKISTAN

Mehrdad Ardebilipour, IRAN

Carlos Aviles-Cruz, MEXICO

Yun Bai AUSTRALIA

Shahid Ikramullah Butt, PAKISTAN

Ana Madureira, PORTUGAL

Alexander Zemliak, MEXICO

Petr Ekel, BRAZIL

Moh'd belal Al-Zoubi, JORDAN

Poorna Balakrishnan, INDIA

Sorin Borza, ROMANIA

Yue-shan Chang, TAIWAN

Alexander Grebennikov, MEXICO

Huay Chang, TAIWAN

Olga Martin, ROMANIA,

Chin-chen Chang, TAIWAN

Chip Hong Chang, SINGAPORE

Sheng-Gwo Chen, TAIWAN

Min-Xiou Chen, TAIWAN

George Antoniou, USA

Tanglong Chen, CHINA

Lotfi Zadeh, USA

Whai-En Chen, TAIWAN

Yuehui Chen, CHINA

Toly Chen, TAIWAN

Michael Wasfy, USA

Ta-Cheng Chen, TAIWAN

C. Manikopoulos, USA

Chin-Mou Cheng, TAIWAN

Yaoyu Cheng, CHINA

Chin-Mou Cheng, TAIWAN

Myeonggil Choi, KOREA

Yuk Ying Chung, AUSTRALIA

Valeri Mladenov, BULGARIA,

Ahmed Dalalah, JORDAN

Andris Buikis, LATVIA

Saeed Daneshmand, IRAN

Metin Demiralp, TURKEY

Chie Dou, TAIWAN

Guolin Duan, CHINA

Manuel Duarte-Mermoud ,CHILE

Odyseas Efremides, GREECE

Jose Carlos Quadrado, PORTUGAL

Toshio Eisaka, JAPAN

Odyseas Pyrovolakis, GREECE

Frank Ekpar, JAPAN

Eyas El-Qawasmeh, JORDAN

Alberto Escobar, MEXICO

Kwo-Jean Farn, TAIWAN

Alessandra Flammini, ITALY

Athina Lazakidou, GREECE

Jose-Job Flore-Godoy, MEXICO

Joseph Fong, HONG KONG S.A.R.

Kostas Siasiakos, GREECE

Donata Francescato, ITALY

Tapio Frantti, FINLAND

Georges Fried, FRANCE

Rocco Furferi, ITALY

James Gao, UNITED KINGDOM

Zong Geem, USA

Ahmad Ghanbari, IRAN

Gilson Giraldi, BRAZIL

Panos Pardalos, USA

Wanwu Guo, AUSTRALIA

Sungho Ha, KOREA

Amauri Caballero, USA

Aamir Hanif, PAKISTAN

Iraj Hassanzadeh, IRAN

Nualsawat Hiransakolwong, THAILAND

Rong-Lain Ho, TAIWAN

Seyed Ebrahim Hosseini, IRAN

Wen Hou, CHINA

Shih-Wen Hsiao, TAIWAN

Mingsheng Hu, CHINA

Shyh-Fang Huang, TAIWAN

A. Manikas, UK

Chenn-Jung Huang, TAIWAN

Yu-Jung Huang, TAIWAN

Guo-shing Huang, TAIWAN

Chenn-Jung Huang, TAIWAN

Dil Hussain, DENMARK

Philippe Dondon, FRANCE,

Muhammad Ibrahimy, MALAYSIA

Apostolos Ifantis, GREECE

Shiming Ji, CHINA

Zhang Ju, CHINA

Liu Jun, CHINA

Michael Katchabaw, CANADA

Seong Baeg Kim, KOREA

Jin-tae Kim, KOREA

Young Jun Kim, KOREA

Mallikarjun Kodabagi, INDIA

Vicenzo Niola, ITALY

M. I. Garcia-Planas, SPAIN

Insoo Koo, KOREA

Young-doo Kwon, KOREA

Vincent Lee, AUSTRALIA

Hsien-da Lee, TAIWAN

Weimin Li, CHINA

Qin Li, CHINA  
Daoliang Li, CHINA  
Bo Li, CHINA  
Vitaliy Kluev, JAPAN  
Daoliang Li, CHINA  
Xiaoyu Li, CHINA  
Daoliang Li, CHINA  
Aydina Akan, TURKEY  
Congqing Li, CHINA  
Jie Li, CHINA  
Zhu Liehuang, CHINA  
S. S. Lin, TAIWAN  
Pei-huang Lin, TAIWAN  
Chu-Hsing Lin, TAIWAN  
S.S.Dlay, UK  
Chia-Chen Lin, TAIWAN  
Chih-Min Lin, TAIWAN  
Whei-Min Lin, TAIWAN  
Shengyou Lin, CHINA  
YI Liu, UNITED KINGDOM  
Jiang Liu, UNITED STATES  
Shi-er Lou, TAIWAN  
Shyue-Kung Lu, TAIWAN  
Mingfeng Lu, TAIWAN  
Addouche Mahmoud, FRANCE  
Sunilkumar Manvi, INDIA  
Drakoulis Martakos, GREECE  
Aurelio Medina, MEXICO  
Ravinda Meegama, SRI LANKA  
Afif Mghawish, JORDAN  
Tetsushi Miki, JAPAN  
Zhong Ming, CHINA  
Wang Mingquan, CHINA  
Hu Mingsheng, CHINA  
Guoliang Mo, CHINA  
Bartolomeo Montrucchio, ITALY  
K. Ioannou, GREECE  
Francesco Muzi, ITALY  
Mariko Nakano-Miyatake, MEXICO  
Sang-Won Nam, KOREA  
Hamidullah Khan Niazi, CHINA  
Miguel Angel Gomez-Nieto, SPAIN  
Yukio Ohsawa, JAPAN  
Hasnaoui Othman, TUNISIA  
Zeljko Panian, CROATIA (HRVATSKA)  
PooGyeon Park, KOREA  
Vidyasagar Potdar, AUSTRALIA  
Carlos G. Puntonet, SPAIN  
Maria Rizzi, ITALY  
M. Bisiacco, ITALY  
Chen Rong-chang, TAIWAN  
Poornachandra Sanjeeva, INDIA  
Mostafa Sedighzadeh, IRAN  
J.N. Sheen, TAIWAN  
Sangmun Shin, KOREA  
Li Shuhong, CHINA  
Yu Shunkun, CHINA  
Andrzej Sluzek, SINGAPORE  
Hokeun Song, KOREA  
Paulo Sousa, PORTUGAL  
Sarawut Sujitjorn, THAILAND  
Yi Sun, CHINA  
Guangzhong Sun, CHINA  
Yoshihiro Tanada, JAPAN  
Lixin Tao, USA  
Nam Tran, AUSTRALIA  
Argyrios Varonides, USA  
Peter Trkman, SLOVENIA  
Lamberto Tronchin, ITALY  
Amritasu Sinha, INDIA  
Ming-Jer Tsai, TAIWAN  
Woei-Jiunn Tsaur, TAIWAN  
Kuo-Hung Tseng, TAIWAN  
Hiroshi Umeo, JAPAN  
Ronald Yager, USA  
Pragya Varshney, INDIA  
Lusheng Wang, HONG KONG S.A.R.  
Lei Wang, CHINA  
Zhongfei Wang, CHINA  
Hironori Washizaki, JAPAN  
Wang Wen, CHINA  
Kin Yeung Wong, MACAU S.A.R.  
Jyh-Yang Wu, TAIWAN  
Hsiaokuang Wu, TAIWAN  
Yinshui Xia, CHINA  
Yi Xie, CHINA  
Xinli Xu, CHINA  
Yong Xu, CHINA  
Yinlong Xu, CHINA  
Xinli Xu, CHINA  
Bin Xu, CHINA  
Hongwen Yan, CHINA  
Hung-Jen Yang, TAIWAN  
Thomas Yang, USA  
Hung-Jen Yang, TAIWAN  
Houjun Yang, CHINA  
Hsieh-Hua Yang, CHINA  
Wenrong Yang, CHINA  
Hung-Jen Yang, TAIWAN  
Sumanth Yenduri, USA  
Alimujiang Yiming, JAPAN  
Jianfei Yin, CHINA  
Liuguo Yin, CHINA  
Ren Yong Feng, CHINA  
Tetsuya Yoshida, JAPAN  
Hsiang-fu Yu, TAIWAN  
S.Y.Chen, GERMANY  
Longjiang Yu, CHINA  
Kiyun Yu, KOREA  
Costin Cepisca, ROMANIA  
Enzhe Yu, KOREA  
Chang Nian Zhang, CANADA  
Jianwei Zhang, GERMANY  
Wendong Zhang, CHINA

Jianjun Zhang, CHINA  
Camelia Ioana Ucenic, ROMANIA  
Zhijin Zhao, CHINA  
Ina Taralova, FRANCE  
Zhige Zhou, CHINA  
Yuanguo Zhu, CHINA





**Preface**

This year the 9th WSEAS International Conference on APPLIED COMPUTER and APPLIED COMPUTATIONAL SCIENCE (ACACOS '10) was held in Hangzhou, China, April 11-13, 2010. The conference remains faithful to its original idea of providing a platform to discuss programming languages, software methodologies, educational software, mobile and wireless computing, broadband networks, fault tolerance, artificial intelligence, wireless communications, blue-tooth technologies, satellite communications, law aspects related to informatics etc. with participants from all over the world, both from academia and from industry.

Its success is reflected in the papers received, with participants coming from several countries, allowing a real multinational multicultural exchange of experiences and ideas.

The accepted papers of this conference are published in this Book that will be indexed by ISI. Please, check it: [www.worldses.org/indexes](http://www.worldses.org/indexes) as well as in the CD-ROM Proceedings. They will be also available in the E-Library of the WSEAS. The best papers will be also promoted in many Journals for further evaluation.

A Conference such as this can only succeed as a team effort, so the Editors want to thank the International Scientific Committee and the Reviewers for their excellent work in reviewing the papers as well as their invaluable input and advice.

The Editors



## Table of Contents

<b>Plenary Lecture 1: Mathematics of Bioinformatics: Theory, Practice, and Applications</b>	15
<i>Matthew He</i>	
<b>A Web-Enabled Intelligent Approach Towards Digital Marketing Planning: The Integrated System and its Effectiveness</b>	17
<i>Shuliang Li, Jim Zheng Li, Hong He</i>	
<b>The Numerical Solution of the Singular Two-Point Boundary Value Problems by using Non-Polynomial Spline Functions</b>	23
<i>Hikmet Caglar, Canan Akkoyunlu, Nazan Caglar, Durmus Dundar</i>	
<b>A Non-Polynomial Spline Solution of the One-Dimensional Wave Equation Subject to an Integral Conservation Condition</b>	27
<i>Hikmet Caglar, Serhat Yilmaz, Nazan Caglar, Muge Iseri</i>	
<b>Spatial Clustering and Outlier Analysis for the Regionalization of Maize Cultivation in China</b>	31
<i>Hu Wang, Xiaodong Zhang, Shaoming Li, Xiaomei Song</i>	
<b>On the Use of Multistage Scenario Trees for Optimal Portfolios in the BMV</b>	37
<i>Maria A. Osorio, Abraham Sanchez, Beatriz Bernabe, Rogelio Gonzalez</i>	
<b>High Speed Multiplier Based on the Algorithm of Chinese Abacus</b>	44
<i>Chien-Hung Lin, Shu-Chung Yi, Jin-Jia Chen</i>	
<b>The Preliminary Study of Ubiquitous Infrastructure of Museum Service Applications in National Palace Museum</b>	50
<i>Chen-Wo Kuo, Johannes K. Chiang</i>	
<b>Applying an Extended E-S-Qual Scale to Assess the Effects of E-service Quality on Online Loyalty with Customer Satisfaction and Perceived Value as Mediators</b>	55
<i>Hao-Erl Yang, Wei-Jen Cheng, Jia-Ying Chan, Bo-Chuan Pan, Chia-Shing Chen</i>	
<b>The Forging Analysis by Using the Rigid-Plastic Hybrid PCM/FEM</b>	60
<i>Yong-Ming Guo, Shunpei Kamitani</i>	
<b>Acceptance Level of Push Technology-based On-line Shopping Widget among Malaysians: Application of Technology Acceptance Theory</b>	67
<i>Lee Yean Hooi, Mohd Azam Osman, Rosnah Idrus, Tan Shiang-Yen</i>	
<b>Study on the Maize Varieties Combination Model of Influence of Multi-factor and System Implement</b>	74
<i>Lin Yang, Xiaodong Zhang, Shaoming Li</i>	
<b>Using a Projective Technique to Investigate Students' Mental Models toward E-Learning</b>	80
<i>Chun-Hui Wu, Shiow-Luan Wang, Yih-Her Yan</i>	
<b>Toward MLS Database System with Write Downs</b>	85
<i>Piya Jitthammapirom, Suphamit Chittayasothorn</i>	

<b>Industry International Competitiveness-the Case of Taiwan Consumer and Commercial Transformers Firms</b> <i>Chun-Wei Lu</i>	90
<b>Architecture of Web Client Server Systems with Advanced Asynchronous Communications</b> <i>Filip Maly, Antonin Slaby</i>	96
<b>An Analysis of the Current Status of Digital Divide in Taiwan</b> <i>Ruey-Gwo Chung, Chih-Wei Li, Chen-Liao Chen</i>	100
<b>Breadth-First Search based Bus Transport Transfer Algorithm</b> <i>Zhang-Wei Li, Mei Zhu</i>	106
<b>Enhancing Learners' Performances on 3D Animation through Game-Based E-Learning</b> <i>Chih-Hsiao Tsai, Jung-Chuan Yen, I-Jung Chen</i>	111
<b>Using Multiple Imputation to Simulate Time Series</b> <i>Sebastian Cano, Jordi Andreu</i>	117
<b>New Method of the Numerical of Gauss-Lobatto Quadrature Rules With Precision Degree (2n+5)</b> <i>Saeed Ghasrodashti, Mehdi Bagheri, Farzad Hoseinzadeh</i>	123
<b>Reducing Computation Overhead of Flash Translation Layer with Hash</b> <i>Ilhoon Shin</i>	126
<b>Essay on Teletraffic Models (I)</b> <i>Ming Li</i>	130
<b>2-D Dynamic Analysis of a Pressure Relief Valve by CFD</b> <i>Xue Guan Song, Ji Hoon Jung, Hyeong Seok Lee, Dong Kwan Kim, Young Chul Park</i>	136
<b>Shape Optimization of Clutch Drum Hub Preform Using Taguchi Method</b> <i>Yong Seok Song, Joon Hong Park, Jun Ho Lee, Jeong Ju Choi, Young Chul Park</i>	141
<b>Structural Design Method of a Control Arm with Consideration of Strength</b> <i>Jong-kyu Kim, Seung Kyu Kim, Hwan-Jung Son, Kwon-Hee Lee, Young-Chul Park</i>	149
<b>Structural Design Examples Using Metamodel-Based Approximation Model</b> <i>Jin-Hwan Lee, Seok-Cheol Hwang, Joon Hong Park, Kwon-Hee Lee</i>	153
<b>Computational Fluid Dynamic Analysis of Flow Coefficient for Pan Check Valve</b> <i>Joon-Ho Lee, Xue-Guan Song, Young-Chul Park, Sang-Mo Kang</i>	157
<b>An Adaptive Moving Least Squares Method for Non-uniform Points Set Fitting</b> <i>Xianping Huang, Qing Tian, Jianfei Mao</i>	161
<b>Computer-Aided Craniofacial Reconstruction</b> <i>Li Jiang, Yaolei Lin, Le-Wei Yu, Qianwei Ye</i>	167
<b>Fuzzy Basis on Clustering of Knowledge Structure with Cognition Diagnosis for Algebra Learning</b> <i>Jeng-Ming Yih</i>	174

<b>Unsupervised Clustering Algorithm Based on Normalized Mahalanobis Distances</b> <i>Jeng-Ming Yih, Sue-Fen Huang</i>	180
<b>Clustering Approach to Polytomous IRS with Application in Statistics Learning for University Students</b> <i>Yuan-Horng Lin</i>	185
<b>Collaborative Virtual Environment Model for Medical E-Learning</b> <i>Samir M. Abd El-Razek, Hazem M. El-Bakry, Wael F. Abd El-Wahed, Nikos Mastorakis</i>	191
<b>Hardware Implementation of Fuzzy Flip-Flops Based on Lukasiewicz Norms</b> <i>Rita Lovassy, Antonio Hernandez Zavala, Laszlo Gal, Oscar Camacho Nieto, Laszlo T. Koczy, Ildar Batyrshin</i>	196
<b>Determining an Optimal Subdivision of Gene Transfer Partitions</b> <i>Mark Farkas, Peter Foldesi, Janos Botzheim, Laszlo T. Koczy</i>	202
<b>Fuzzy Communication in Collaboration of Intelligent Agents</b> <i>Aron Ballagi, Laszlo T. Koczy</i>	208
<b>Innovation Management Framework in Academic Institutions</b> <i>M. Nordin A. Rahman, Norlina Udin, Fauziah A. Wahab, Rohana Ismail</i>	215
<b>GPS Receiver Tracking Loop Optimization Based on a Behavioral Approach</b> <i>He-Sheng Wang</i>	221
<b>Authors Index</b>	226



## Plenary Lecture 1

### Mathematics of Bioinformatics: Theory, Practice, and Applications



#### Professor Matthew He

Director, Academician of EAI  
Division of Math, Science, and Technology  
Nova Southeastern University  
Ft. Lauderdale, Florida 33314, USA  
Email: hem@nova.edu

**Abstract:** Historically, mathematics, probability and statistics have been widely used in biological sciences. Science has a challenge to understand a system organization of molecular genetic ensemble with its unique properties of reliability and productivity. Disclosing of key secrets of this organization means a big step in science about nature in a whole and a big step to create the most productive biotechnologies. Knowledge about this structural organization should become a part of mathematical natural science.

Recent advances of mathematical methods and techniques in bioinformatics have been rapidly growing. There is more to life than the genomic blueprint of each organism. Life functions within the natural laws that we know and the ones we do not know. Mathematics can be used to understand life from the molecular to the biosphere level. This talk is devoted to the connection and integration between fundamental mathematical methods and biological sequences, structures, and networks.

The outline of this talk includes:

1. Bioinformatics and Mathematics
2. Genetic Codes, Matrices, and Symmetrical Techniques
3. Biological Sequences, Sequence Alignment, and Statistics
4. Structures of DNA and Knot Theory
5. Protein Structures, Geometry, and Topology
6. Biological Networks and Graph Theory

#### Brief Biography of the Speaker:

Matthew He, Ph.D., is Full Professor and Director of the Division of Math, Science, and Technology of Nova Southeastern University, Florida, USA. He is Full Professor and Grand Ph.D. from the World Information Distributed University in 2004. He has been awarded as an academician of European Academy of Informatization since 2004. He received the World Academy of Sciences Achievement Award in recognition of his research contributions in the field of computing in 2003.

Matthew He received his Ph. D. in Mathematics from University of South Florida in 1991. He was a research associate at the Department of Mathematics and Theoretical Physics, Cambridge University, Cambridge, England in 1986 and at the Department of Mathematics, Eidgenossische Technische Hochschule, Zurich, Switzerland in 1987. He was also a visiting professor at National Key Research Lab of Computational Mathematics of Chinese Science of Academy and University of Rome, Italy in 1998.

Dr. Matthew He has authored/edited 8 books and published over 100 research papers in the areas of mathematics, bioinformatics, computer vision, information theory, mathematics and engineering techniques in medical and biological sciences. He is an editor of International Journal of Software Science and Computational Intelligence, International Journal of Cognitive Informatics and Natural Intelligence, International Journal of Biological Systems, and International Journal of Integrative Biology. He is an invited series editor of Biomedical and Life Sciences of Henry Stewart Talk "Using Bioinformatics in Exploration in Genetic Diversity". He is a Chairman of International Society of Symmetry in Bioinformatics and a member of International Advisory Board of "International Symmetry Association (ISA)". He is a member of American Mathematical Society (AMS), Association of Computing Machinery (ACM), IEEE Computer Society, World Association of Science Engineering (WASE), and International Advisory Board member of Bioinformatics Group of International Federation for Information Processing (IFIP). He was an international scientific committee co-chair of International Conference of Bioinformatics and its Applications (ICBA 2004), a general co-chair of International Conference of Bioinformatics Research and Applications (ISBRA 2009), and a keynote speaker of many international conferences in the areas of mathematics, bioinformatics, and information science and engineering.



## Authors Index

Akkoyunlu, C.	23	Huang, X.	161	Osman, M. A.	67
Andreu, J.	117	Hwang, S.-C.	153	Osorio, M. A.	37
Bagheri, M.	123	Idrus, R.	67	Pan, B.-C.	55
Ballagi, A.	208	Iseri, M.	27	Park, J. H.	141, 153
Batyrshin, I.	196	Ismail, R.	215	Park, Y. C.	136, 141
Bernabe, B.	37	Jiang, L.	167	Park, Y. C.	149, 157
Botzheim, J.	202	Jitthamapirom, P.	85	Rahman, M. N. A.	215
Caglar, H.	23, 27	Jung, J. H.	136	Sanchez, A.	37
Caglar, N.	23, 27	Kamitani, S.	60	Shin, I.	126
Cano, S.	117	Kang, S.-M.	157	Slaby, A.	96
Chan, J.-Y.	55	Kim, D. K.	136	Son, H.-J.	149
Chen, C.-L.	100	Kim, J.-K.	149	Song, X.	31
Chen, C.-S.	55	Kim, S. K.	149	Song, X.-G.	136, 157
Chen, I.-J.	111	Koczy, L. T.	196, 202, 208	Song, Y. S.	141
Chen, J.-J.	44	Kuo, C.-W.	50	Tan, S.-Y.	67
Cheng, W.-J.	55	Lee, H. S.	136	Tian, Q.	161
Chiang, J. K.	50	Lee, Ji.-H.	153	Tsai, C.-H.	111
Chittayasothorn, S.	85	Lee, Jo. H.	141, 157	Udin, N.	215
Choi, J. J.	141	Lee, K.-H.	149, 153	Wahab, F. A.	215
Chung, R.-G.	100	Li, C.-W.	100	Wang, H.	31
Dundar, D.	23	Li, J. Z.	17	Wang, S.-L.	80
El-Bakry, H. M.	191	Li, M.	130	Wu, C.-H.	80
El-Razek, S. M. A.	191	Li, Sha.	31, 74	Yan, Y.-H.	80
El-Wahed, Q. F. A.	191	Li, Shu.	17	Yang, H.-E.	55
Farkas, M.	202	Li, Z.-W.	106	Yang, L.	74
Foldesi, P.	202	Lin, C.-H.	44	Ye, Q.	167
Gal, L.	196	Lin, Y.	167	Yen, J.-C.	111
Ghasrodashti, S.	123	Lin, Y.-H.	185	Yi, S.-C.	44
Gonzalez, R.	37	Lovassy, R.	196	Yih, J.-M.	174, 180
Guo, Y.-M.	60	Lu, C.-W.	90	Yilmaz, S.	27
He, H.	17	Maly, F.	96	Yu, L.-W.	167
Hooi, L. Y.	67	Mao, J.	161	Zavala, A. H.	196
Hoseinzadeh, F.	123	Mastorakis, N.	191	Zhang, X.	31, 74
Huang, S.-F.	180	Nieto, O. C.	196	Zhu, M.	106