



ENVIRONMENTAL SCIENCE, ECOSYSTEMS & DEVELOPMENT

Proceedings of the 5th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT (EED'07)

Puerto De La Cruz, Tenerife, Canary Islands, Spain December 14-16, 2007

ENVIRONMENTAL SCIENCE, ECOSYSTEMS & DEVELOPMENT

Proceedings of the 5th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT (EED'07)

Energy and Environmental Engineering Series A Series of Reference Books and Textbooks

Published by WSEAS Press www.wseas.org

Copyright © 2007, 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: 1790-5095

ISBN: 978-960-6766-20-6



Editors:

Prof. Marius Otesteanu, Politehnica University of Timisoara, Romania

Prof. Selma Celikyay, Zonguldak Karaelmas University, Turkey

Prof. Nikos Mastorakis, Military Institutes of Univ. Education (ASEI), HNA, Greece

Prof. Simona Lache, University Transilvania of Brasov, Romania

Prof. F.-K. Benra, University of Duisburg-Essen, GermanyProfessor Dr. Selma Celikyay, Zonguldak

Scientific Committee:

M. Cristina Amezquita, COLOMBIA Joanna Boguniewicz, POLAND Zbigniew Bzowski, POLAND Roberto De Lotto, ITALY John Gelegenis, GREECE Carlo Giaconia, ITALY Anastasia Giannakoula, GREECE Valentina Golubeva, RUSSIA Volker C. Hammen, GERMANY Alice Hatzopoulou, GREECE Chih-Hong Huang, TAIWAN Alexander Iomin, ISRAEL Kamaruzaman Jusoff, MALAYSIA Alexander Kantartzis, GREECE Christos Karydas, GREECE Fotini Kehagia, GREECE Selma Celikyay, TURKEY Reza Khoshraftar, IRAN

Chockalingam Letchumanan, MALAYSIA

Pablo Lopez, SPAIN Ion Melinte, ROMANIA Homayoun Moghimi, IRAN

Jitka Mohelnikova, CZECH REPUBLIC

Jose Navar, MEXICO

Agelos Papaioannou, GREECE Daniela Rosca, ROMANIA Radu Rugescu, UNITED STATES

Roberto San Jose, SPAIN

Masoomeh Sohrabi-Mollayosefi, IRAN

Filippos Vallianatos, GREECE

Bram Van Putten, the NETHERLANDS Mark Van Wijk, the NETHERLANDS

Shahab Varkouhi, IRAN Surendra P. Verma, MEXICO Rong Wang, SINGAPORE Shih-Hung Yang, TAIWAN Dimitrios Yfantis, GREECE

Preface

The book you are currently holding contains the Proceedings of the 5th WSEAS Int. Conf. on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT (EED'07) which was held in Puerto De La Cruz, Tenerife, Canary Islands, Spain, December 14-16, 2007

Environmental Science and Engineering as well as Environmental Policy is now of fundamental importance to our civilization. Several problems have now become major political issues and the subject of international debate and regulation. It is for this reason that there is a need for conferences dedicated to energy and environment issues. Environment, Ecosystems and Development is an interdisciplinary conference aimed at natural scientists, technologists and the international social science and policy communities covering the direct and indirect environmental impacts of environment, ecology and ecosystems, sustainable development, cultural heritage, energy acquisition, transport, production and use, natural hazards, water resources management and so on.

The Plenary Speech of EED'07 was:

Natural Rain - Analysis, Modeling, Simulation

Professor Marius Otesteanu

Politehnica University of Timisoara, Romania Dean of the Faculty of Electronics and Telecommunications

Abstract:

<u>NATURAL RAIN</u>. Sprinkle equipment is used to generate water drops for fire protection, for irrigation or for functional and reliability tests of different systems designed for outdoor use. Neither of this known equipment generates patterns of drops according to natural (real) rain.

But other applications need detailed tests in atmospheric conditions, with controlled parameters, among which natural rain is one of the most important.

For such applications, a rain simulator (generator) with natural parameters, in a controlled environment, has to be developed. To achieve such equipment, next steps must be fulfilled.

<u>RAIN ANALYSIS</u>. In order to classify different types of rain, rain parameters have to be understood, defined and measured. Meteorological definition, limited to rain intensity (water quantity / m2 / time), is not enough to correctly classify rain types. Technical definition uses a set of measurable parameters (number of drops / m2 / time, drops size, drops velocity, etc), which allows precise classification of rain types. The rain analysis is based on measuring methods and equipment. The paper presents rain classification criteria and, based on large amount of collected data, answers the questions:

- Is rain intensity uniformly distributed in space? and time?
- Is the rain drops diameter constant for each type of rain?
- What relationships are between rain intensity, drops diameter and drops velocity? <u>RAIN MODELING</u>. Several sets of parameter recording where used to select appropriate rain models. The model must match the natural rain behavior, so real rain parameters distribution where compared with computed values.

The paper presents additional requirements, imposed to a rain simulator (as desired velocity of the rain drops).

<u>RAIN SIMULATION</u>. Different devices (nozzles, sprinklers) where tested and selected, to simulate (generate) each type of natural rain, according to the real set of parameters.

Based on defined parameters for each type of rain and on selected rain generation devices, the design and development of a rain simulator can be started.

<u>RAIN SIMULATOR</u>. The paper compares different rain simulators, according to their target application and presents solutions for generating fog, drizzle, light rain, heavy rain, etc.

A complex system, based on mechanical, hydrodynamic and intelligent electronic blocks, controlled by software, is proposed to create a controlled rainy environment, able to simulate natural rain, with all its measurable parameters.

Brief Biography of the Presenter:

Prof. Marius Otesteanu obtained the Diploma of engineer – with honors, in 1978, and the Ph.D., in 1983, both in electronics, at the Politehnica University in Timisoara, Romania. From 1978 to 1982 he was with AEM Timisoara company (Electronic Measuring Equipment) as R&D engineer. Starting with 1982 he is with Politehnica University in Timisoara.

Specialized at Texas Instruments in Freising, Germany (1993, 1994) as third party consultant in digital signal processors for T.I. Visiting professor at University of South-Carolina in Columbia, U,S,A (1995-1996), at University of Central Lancashire in Preston, England (1997), at Polytechnic Institute in Oulu, Finland (1998), at Institute of Technology in Nice, France (2001), at Technical University in Ostrava, Czech Republic (2007) and at Czech Technical University in Prague (2007). Invited professor at University of Technology in Bocholt, Germany (1999, 2000) and at University of Technology in Gelsenkirchen, Germany (2006).

His scientific interest is in real time systems and in image compression. He wrote 12 books, he published 73 articles, he has 9 patents and he was involved in 18 R&D contracts.

He was organizer and chairman of the Special Session Intelligent Systems and Adaptive Control, at the WSEAS International Conference on Dynamical Systems and Control (CONTROL '05), Venice, Italy, 2005. He was chairman of the 7th International Symposium on Electronics and Telecommunications (ETc'06), Timisoara, Romania, 2006, co-chair of the 2nd WSEAS International Conference on Dynamical Systems and Control (CONTROL '06), Bucharest, Romania, 2006, and co-chair of the 8th WSEAS International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE '06), Bucharest, Romania, 2006. He has co-editor of Proceedings of WSEAS International Conferences CONTROL '05, CONTROL '06, MMACTEE '06.

We would like to thank all members of the organizing laboratories for their contribution to the organization of the conference.

The contents of this Book are also published in the CD-ROM Proceedings of the Conference. Both will be sent to the WSEAS collaborating indices after the conference: www.worldses.org/indexes.

In addition, papers of this book are permanently available to all the scientific community via the WSEAS E-Library.

Expanded and enhanced versions of papers published in these conference proceedings are also going to be considered for possible publication in one of the WSEAS journals that participate in the major International Scientific Indices (Elsevier, Scopus, EI, Compendex, INSPEC, CSA see: www.worldses.org/indexes) these papers must be of high-quality (break-through work) and a new round of a very strict review will follow. (No additional fee will be required for the publication of the extended version in a journal).

We cordially thank all the people of WSEAS for their efforts to maintain the high scientific level of conferences, proceedings and journals.

The Editors

Proceedings of the 5th WSEAS International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT (EED'07) <u>TABLE OF CONTENTS</u>

Dongjie Guan, Baoshan Hu, Weijun Gao	1
Mathematical Model for Diffusion- Sorption Processes in Layered Strata with Interlayers Solvita Kostjukova, Andris Buikis	7
Limit Analysis of Stability of Circular Foundation Pit Cui Xinzhuang, Yao Zhanyong, Jin Qing, Wu Shimei	13
Cross Section Strength Calculation of Partial Bonded Prestress Concrete Beam on Dynamic Loading Fengze Hou, Yanzhao Li	19
Direct Mesh Method of Sewer Networks Optimal Design Based on Topography-Geomorphic Yu-Zhou Sima, Yuan-Ming Yang, Bing Zhao, Jian-Sheng Guo	24
Formal Description and Modeling Topological Relations in 3D Based on Dimension-Extended and Euler-Poincare Characteristics Nian Dong Deng, En Ke Hou, Zhi Hua Zhang, Jun Hua Guo	29
Study on 3D Mine Tunnel Modeling Zhi Hua Zhang, En Ke Hou, Nian Dong Deng, Jun Hua Guo	34
Linear Instability of Wake-Shear Layers in Shallow Water I. Volodko, V. Koliskina	40
On Active Filtering of Harmonics Pollution -Theoretical Aspects Vladimir Rasvan, Dan Popescu	45
Structural Identifiability of some Biotechnological Systems Dorin Sendrescu, Emil Petre, Eugen Bobasu	49
Heat Transfer Enhancement in Swirl Annulus Flows Ali M. Jawarneh	55
Mathematical Modeling and Simulation of Automotive Internal Combustion Engine I. H. Kazmi, Q. R Butt, S. I. A. Tirmizi, A. I. Bhatti	61
Study on the Maximum Thickness of Superposition Throttle Slices of Shock Absorber Changcheng Zhou, Zhiyun Zheng	68
Experimental Research on Hysteretic Behavior of Top-Seat and Web Angles Connections Xinwu Wang	74
Experimental Research and Finite Element Analysis on Behavior of Steel Frame with Semi-Rigid Connections Xinwu Wang	79
Influence on the Dynamic Characteristic of Non-Bonded Prestressed Concrete Beam by Initial Effective Prestress Fengze Hou, Yanzhao Li	84
Diesel Engine Emission Improvements by the Use of EGM-DMC-Diesel Blends Fuel Yanxia Wang, Yongqi Liu	89

Methane Mitigation by Thermal Oxidation in a Reverse Flow Reactor Ruixiang Liu, Yongqi Liu, Zhenqiang Gao	94
Optimization of the Operating Parameters of a Reverse Flow Reactor for Methane Thermal Oxidation Ruixiang Liu, Yongqi Liu, Zhenqiang Gao	99
Modeling Study on a Forward Recursive Construction Approach of Dynamical Equations of Mechanism Systems with Flexible Articulated Joints Yuan-Ming Yang, Bing Zhao, Jiansheng Guo, Chuan-Yao Chen, Tian-Xia Song	103
Base Resistance of Individual Piles in Pile Group Mohamed M. Shahin	111
Design and Performance of a Multiple Compressor Solar Ice-maker Petros Axaopoulos, Michael P. Theodoridis	116
Lean Burn Engine Control for Fuel Economy and Exhaust Aftertreatment Zhengmao Ye, Zhijun Li, Habib Mohamadian	121
Considerations on Environmental Engineering Education for Sustainable Development in Oltenia Region Adrian Rosca, Daniela Rosca	127
Ant Colony System vs ArcGIS Network Analyst: The Case of Municipal Solid Waste Collection Nikolaos V. Karadimas, Maria Kolokathi, Gerasimoula Defteraiou, Vassili Loumos	133
The Evaluation of the Oxycombustion for Power Cycles Gheorghe Dumitrascu	140
The Study on the Water Budget of Hashtgerd Plain in North West of Tehran, Iran (Kordan Basin) Homayoun Moghimi	146
Comparison of Actuated and Fixed Traffic Signals in Controlling Air Pollution and Delay at Intersections Mansour Hadji Hosseinlou, Somaye Sadat Azimi	153
Predicting and Identifying Hot Spots by Applying Neuro- Fuzzy Systems Mansour Hadji Hosseinlou, Mahdi Sohrabi Moshtaghin	159
Biogeochemistry of Macrophytes in Reservoirs of StPetersburg Margarita Ufimtseva, Natalia Terekhina	165
Models and Indicators for Energy and CO2 Emission Assessment of Electric Chillers and Direct-Fired Absorption Chillers Gianfranco Chicco, Pierluigi Mancarella	168
Application of Modern Electrochemical Techniques and Electrode Materials in Determination of Trace Elements in Environment Tomas Navratil, Ivana Sestakova	174
Measuring the Sustainability of Biomass Resources – The Sustainable Biomass Index SBI Stefan Konig, Juergen Sachau	180
Non-Traditional Metal Electrode Materials in Electrochemical Environmental Analysis of Biologically Active Compounds Bogdan Yosypchuk, Ivana Sestakova	186
Portugal Wind Energy Situation F. A. Barata, J. C. Quadrado	191

Energy Saving in a High Insulated House in Iran Reza Srkan Dizaji, Ahadollah A'Zami, Mohammad Hariri	196
Sustainable Development and Processes Innovation Davorin Kralj, Mirko Markic	200
Product Responsibility as a Part of Sustainable Development Strategy Davorin Kralj, Maja Skafar, Mirko Markic	206
Desertification in Crete and the Effect of Global Warming Maria Tsakona, Vassilis Gekas	211
Design of a New Micro Direct Methanol Fuel Cell Using MEMS Technology Xiuling Ji, Wenzhong Lou	217
Air Quality Modelling by Kohonen's Neural Networks Vladimir Olej, Petr Hajek, Jiri Krupka, Ilona Obrsalova	221
Multi Temporal Disaggregation of MODIS Images Using Non-Linear Analysis Hasan Roosta, Rahmatolah Farhoudi, Majid Roosta	227
A Simple Approach to Estimate the Steady-State Performance of Self-Excited Induction Generator K. S. Sandhu, Dheeraj Joshi	233
Evaluation of Ecological Preservative Management Using Multi-Stage Decision and FAHP Process in a Mountainous Maoli site, Taiwan Kuei-Yang Wu, Wann-Ming Wey, Wen-Zer Lin	238
A Framework on Urban Design Strategies for Sustainability of Cultural and Historical Heritage in Urban Landscape Selma Celikyay, Sirin Donmez, Emine Ikiz, Pinar Aydin, Sevgi Gormus Cetinkale, Nurhan Kocan	245
Major Components of Environmental Protection Process Selma Celikyay, Nazmiye Uzun	250
Preliminary Thermal and Mineral Water Survey of Nisyros Volcano, Aegean Sea: A Study Targeted Towards Sustainable Development Dimitrios Zouzias, Karen St. Seymour, George Papaioannou	256
Influence of Atmospheric Pollution on Materials of Culture Heritage. A Physicochemical Study I. Bassiotis, T. Agelakopoulou, S. Margariti, V. Siokos, E. Metaxa, Ch. Karagianni, F. Roubani-Kalantzopoulou	262
Aerosol Hygroscopic Models Based on in Situ Measurements and Lidar Retrievals Daniela Viviana Vladutescu, Yonghua Wu, Barry Gross, Leona Charles, Fred Moshary, Samir Ahmed	268
A Study of Forest Structure, Diversity Index and Above-ground Biomass at Tok Bali Mangrove Forest, Kelantan, Malaysia I. Kasawani, J. Kamaruzaman, M. I. Nurun-Nadhirah	274
The Efficiency of Water Reservoirs at the Region of the Former Lake Karla in Thessaly to Meet Irrigation Requirements P. Lokkas, S. Kotsopoulos, J. Alexiou, G. Gravanis, V. Vassiloglou, S. Magalios, V. Kassos	282
Methodological Approach for Ground Contamination Assessment and Remediation of Brownfields M. G. Brito, C. N. Costa, D. Vendas	288
Economic and Environmental Advantages of Using Fly Ash as a Soil Amendment in Agronomy Isa Yunusa, V. Manoharan, Derek Eamus, Greg Skilbeck	294

Distribution Pattern of Rare Tree Species in Two Virgin Jungle Reserves in Pahang and Johor, Malaysia I. Faridah-Hanum, J. Kamaruzaman, A. Hikmat, A. Latiff	303
M5 Model Tree for Regional Mean Annual Flood Estimation K. K. Singh	311
Removal of Ni(II) from Aqueous Solution by Biosorption using two Green Algal Species Oscillatoria sp. & Spirogyra sp. Diwan Singh	315
Reducing Risks of Power Plants Development Anna Lampridou, Konstantinos Kirytopoulos	320
Some Problems in Water Vapor Tomography Peep Miidla, Kalev Rannat, Peep Uba	326
A Hydrologic-Hydraulic Method to Define of Ecological Flows Downstream Dams Located in South European Semi-Arid Regions Maria Manuela Portela	334
Variation in Air Pollution Tolerance Index of Plants near a Steel Factory: Implications for Landscape-Plant Species Selection for Industrial Areas Yanju Liu, Hui Ding	340
Telerobotics – Control over the Internet Ionut Resceanu, Marius Niculescu	346
Multivariate Statistical Interpretation of Physical, Chemical and Microbiological Data of Potable Water in the Context of Public Health A. Papaioannou, K. Kakavas, P. Plageras, A. Minas, Z. Roupa, A. G. Paliatsos, P. T. Nastos, A. Minas	352
Zinc Removal From Aqueous Solutions By Turkish Clinoptilolite H. Inan, E. Yazici, Z. Yigit	358
Risk Assessment for Redevelopment of Contaminated Land at an Old Industrial Site D. F. Vendas, C. N. Costa, M. G. Brito	363
Evaluation of Daylighting in Office Buildings L. Doulos, A. Tsangrassoulis, F. V. Topalis	368
Introduction of Wind Power into a Weak Power System Considering System Fluctuation and Limitation Jeff Huang, Zulati Litifu, Ken Nagasaka	377
EUCLIMA: The Personal Micro-Clima Concept, as Environmental Policy Redefinition for Modern Cities: Sensor Interfacing, Anti-Pollution Technology and Economic Development Aspects George Topalidis, Emmanouil Katsanos, Pocha Zoi, Margarita Ganatsios, Dimitrios Zissopoulos	386
Propulsion and Trigeneration by Fuel Cell: an Eco-friendly Camper Van L. Fabiano, G. Florio, P. Fragiacomo	394
Adaptation of Socio-Ecological Systems in sub-Saharan Africa to Global Environmental Change: ICSU ROA's Strategy Achuo Enow, Sospeter Muhongo	400
Dense Ocean Floor Network for Mega Thrust Earthquakes and Tsunamis around the Nankai Trough in	406
Southwestern Japan Yoshiyuki Kaneda, Katsuyoshi Kawaguchi, Eiichiro Araki, Hiroyuki Matsumoto, Takeshi Nakamura, Keisuke Ariyoshi, Hinichiro Kamiya, Takane Hori, Toshitaka Baba	

Conservation of a Wetland Near a City: A Case Study Maisarah Ali, Amnah Shurfa Binti Mohammed Shukry, Noor Shakilah Bt Mohd Radzi, Kamaruzaman Jusoff	410
Fibre Shedding from Cotton Spun Yarn -A Serious Indoor Air Pollution in Knitting Industry N. Bhowmick, S. Ghosh	419
Steady State Modeling of Isolated Induction Generators K. S. Sandhu	425
Geographical Relations Dynamics (3) - on a Material Basis Vs. on a Monetary Basis - <i>Minoru Ueda</i>	432
Mangrove Conservation through Community Participation in Pakistan: The Case of Sonmiani Bay Amjad A. Shah, Kamaruzaman Jusoff	438
Spectral Signatures of Some Mangrove Species in Malaysia J. Kamaruzaman, I. Kasawani	445
Water as a Design Material in Nine Plans of Le Notre; A Topological Study of Relations Between Ensemble, River and Settlement Martin van den Toorn	455
Environmental Education and Design; The Role of Landscape Architecture Martin van den Toorn	465
Air Pollution and Urban Form: Evidence from Satellite Data Julian D. Marshall, Heather Sander, Steven M. Manson	477

Authors Index

Anmed. S. 288										
Alexiou, J. 282 Inan, H. 358 Nakamura, T. 406 Ali, M. 410 Juwarneh, A. M. 55 Nastos, P. T. 352 Araki, E. 406 Ji, X. 217 Navratil, T. 174 Aryoshi, K. 406 Jusoff, K. 410 438 Nurun-Nadhriah, M. I. 274 Aydin, P. 245 Kakavas, K. 352 Obrsalova, I. 221 Azami, A. 196 Kamaruzaman, J. 406 Paliatsos, A. G. 352 Azimi, S. S. 153 Kamiya, H. 406 Papaiciannou, A. 352 Barata, F. A. 191 Karadimas, N.V. 133 Papaiciannou, G. 256 Barati, A. I. 61 Kassos, V. 262 Petre, E. 49 Bhatti, A. I. 419 Kassos, V. 262 Popescu, D. 45 Bobasu, E. 49 Katsanos, E. 49 Katsanos, E. 49 Protes, M. M. 334 Brik, A. T. Karytopoulos, K. 320	Agelakopoulou, T.	262		Huang, J.	377			Muhongo, S.	400	
Air, M. 410 Jawarneh, A. M. 55 Nastos, P. T. 352 Araki, E. 406 Ji, X. 217 Navatili, T. 174 Ariyoshi, K. 406 Joshi, D. 233 Niculescu, M. 346 Axaopoulos, P. 116 Joshi, D. 233 Niculescu, M. 346 Aydin, P. 245 Kakawas, K. 410 438 Nurun-Nadhirah, M. I. 221 AZamin, S. 153 Kamiya, H. 406 Papaioannou, A. 352 Baba, T. 406 Kaneda, Y. 406 Papaioannou, A. 352 Bassiols, I. 262 Karaeda, Y. 406 Papaioannou, A. 352 Bassiols, I. 262 Karaeda, Y. 406 Petre, E. 49 Bhowmick, N. 419 Kassos, V. 282 Pepaeca, D. 352 Bhowmick, N. 429 Kassons, S. 286 Potela, M. M. 334 Butt, Q. R. 61 Kaszami, I. H. 61 Quadrado, J. C.										
Araki, E. 406 Ji, X. 217 Navatil, T. 174 Ariyoshi, K. 406 Joshi, D. 233 Niculescu, M. 346 Axaopoulos, P. 116 Jusoff, K. 410 438 Nurun-Nadhirah, M. I. 274 Aydin, P. 245 Kakawas, K. 352 Obrsalova, I. 221 Azimi, S. S. 153 Kamiya, H. 406 Palaitsos, A. G. 352 Baba, T. 406 Kandad, Y. 406 Papaioannou, A. 352 Barata, F. A. 191 Karadimas, N. V. 133 Papaioannou, G. 256 Bhatil, A. I. 61 Kasawani, I. 274 445 Plageras, P. 352 Bhotmick, N. d. 419 Kasasos, V. 282 Poptela, M. 334 Brito, M. G. 288 363 Kawaguchi, K. 406 Poptela, M. 334 Brito, M. G. 288 363 Kasoos, V. 282 Poptela, M. 334 Buikis, A. 7 K										
Ariyoshi, K. 4 406 Joshi, D. 233 Niculescu, M. 346 Axaopoulos, P. 245 Kakavas, K. 352 Obrsalova, I. 221 AZami, S. 153 Kamaruzaman, J. 274 303 445 Olej, V. 221 Azimi, S. 153 Kamiya, H. 406 Paliatsos, A. G. 352 Baba, T. 406 Kaneda, Y. 406 Papaioannou, A. 352 Barata, F. A. 191 Karadimas, N.V. 406 Papaioannou, G. 256 Bhatti, A. I. 61 Kasawani, I. 274 445 Plageras, P. 352 Bhowmick, N. 419 Kasasos, E. 386 Portela, M. 334 Brito, M. G. 288 33 Kawaguchi, K. 406 Portela, M. M. 334 Butt, O. R. 61 Kiryopoulos, K. 320 Radzi, N. S. B.M. 410 Celikiyay, S. 245 250 Kocan, N. 245 Raoda, N. 45 Celikiyay, S.										
Axagopulos, P. 116 Jusoff, K. 410 438 Nurun-Nadhirah, M. I. 274 Aydin, P. 245 Kakawas, K. 352 Obrsalova, I. 221 Azami, A. 196 Kamaruzaman, J. 274 303 445 Olej, V. 221 Azimi, S. S. 153 Kamiya, H. 406 Palaitsos, A. G. 352 Baba, T. 406 Kanadian, N. 133 Papaidannou, G. 256 Barata, F. A. 191 Karadiama, N. 133 Profela, M. 352 Bassiotis, I. 262 Karadianni, C. 262 Petre, E. 49 Bhowmick, N. 418 Kassos, V. 282 Popescu, D. 45 Bobasu, E. 49 Katsanos, E. 366 Portela, M. 334 Brito, M. G. 288 363 Kawaguchi, K. 406 Quadrado, J. C. 131 Bulki, O. R. 215 Kolokathi, M. 320 Radzi, N. S. B. M. 410 Celikiyay, S. 245								•		
Aydin, P. 245 Kakavas, K. 352 Obrsalova, I. 221 AZamir, S. S. 153 Kamaruzaman, J. 274 406 Holason, A. 352 Baba, T. 406 Kardeda, Y. 406 Papaioannou, A. 352 Bassolts, I. 262 Karagianni, Ch. 262 Papaioannou, G. 256 Bhatti, A. I. 61 Kasawani, I. 274 445 Papaioannou, G. 256 Bhowmick, N. 419 Kassos, V. 282 Poptescu, D. 45 Bobasu, E. 49 Katsanos, E. 386 Portela, M. M. 334 Bukit, O. R. 61 Kiryopoulos, K. 320 Poptela, M. M. 334 Butt, O. R. 61 Kiryopoulos, K. 320 Radzi, N. S. B. M. 410 Celikkaje, A. 7 Kosa, M. 245 250 Kooan, N. 245 Rasava, V. 45 Celtinkale, S. G. 245 Koliskina, V. 40 Rasvan, V. 45 Charies, L.<	•									
AZami, A. 196 Kamaruzaman, J. 274 303 445 Olej, V. 221 Azimi, S. S. 153 Kamiya, H. 406 Handa, Y. 406 Papaioannou, A. 352 Barata, F. A. 191 Karadimas, N. V. 133 Papaioannou, G. 256 Bassiotis, I. 262 Karadianis, N. V. 133 Papaioannou, G. 256 Bhatii, A. I. 61 Kasawani, I. 274 445 Petre, E. 49 Bhowmick, N. 419 Kassons, E. 386 Portela, M. M. 334 Brito, M. G. 288 363 Kawaguchi, K. 406 Qing, J. 13 Buti, O. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celikyay, S. 245 Koliskina, V. 40 Rasvan, V. 45 Charles, L. 268 Koloskathi, M. 133 Resceanu, I. 346 Chen, C. Y. 103 Korigi, S. 282 Roosta, M. 227	•					438				
Azimi, S. S. 153	•									
Baba, T. 406 Kaneda, Y. 406 Papaioannou, A. 352 Barata, F. A. 191 Karadimas, N. V. 133 Papaioannou, G. 256 Bhatti, A. I. 61 Kasawani, I. 274 445 Petre, E. 49 Bhowmick, N. 419 Kassos, V. 282 Popescu, D. 45 Bobasu, E. 49 Katsanos, E. 386 Portela, M. M. 334 Brito, M. G. 288 363 Kawaguchi, K. 406 Qing, J. 13 Butt, Q. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celikyay, S. 245 250 Kocan, N. 245 Rannat, K. 326 Cetinkale, S. G. 245 Kolikakhi, M. 133 Resceanu, I. 346 Charles, L. 268 Kolikakhi, M. 133 Rossta, H. 227 Chicco, G. 168 Kostijukova, S. 7 Rossta, M. 227 Deft, G. N. 29 4 Krujk						303	445			
Barata, F. A. 191 Karadimas, N. V. 133 Papaioannou, G. 256 Bassiotis, I. 262 Karagianni, Ch. 282 Petre, E. 49 Bhowmick, N. 419 Kassos, V. 282 Popescu, D. 45 Bobasu, E. 49 Kassos, V. 282 Popescu, D. 45 Burlo, M. G. 288 363 Kawaguchi, K. 406 Qing, J. 13 Bulkis, A. 7 Kazmi, I. H. 61 Quadrado, J. C. 191 Butt, Q. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celikyay, S. 245 250 Kocan, N. 245 Rannat, K. 326 Charles, L. 268 Koliskina, V. 40 Rasvan, V. 45 Chen, C. Y. 103 Koriskina, V. 40 Rasvan, V. 45 Costa, C. N. 288 363 Kotspoolus, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kraj, D. <td></td>										
Bastolits, I. 262	Baba, T.							•		
Bhatti, A. I.	Barata, F. A.	191		Karadimas, N. V.	133			Papaioannou, G.		
Bhowmick, N. 419	Bassiotis, I.			Karagianni, Ch.				Petre, E.		
Bobasu, E. 49	Bhatti, A. I.	61		Kasawani, I.	274	445		Plageras, P.	352	
Brito, M. G. 288 363 Kawaguchi, K. Kazmi, I. H. 406 Qing, J. 13 Buikis, A. 7 Kazmi, I. H. 61 Quadrado, J. C. 191 Butt, Q. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celitkale, S. G. 245 Kolokathi, M. 245 Rannat, K. 326 Charles, L. 268 Kolokathi, M. 133 Resceanu, I. 346 Chen, C. Y. 103 Konig, S. 180 Roosta, H. 227 Costa, C. N. 288 363 Kotsukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsukova, S. 7 Rosca, A. 127 Defferalou, G. 133 Kraj, D. 200 206 Rosca, A. 127 Defferalou, G. 133 Krayba, J. 221 Roubani-Kalantzopoulou, F. 262 Dizaji, R. S. 196 Lattiff, A. 303 Sachau, J. 180 Dommez, S. 245 <td>Bhowmick, N.</td> <td>419</td> <td></td> <td>Kassos, V.</td> <td>282</td> <td></td> <td></td> <td>Popescu, D.</td> <td>45</td> <td></td>	Bhowmick, N.	419		Kassos, V.	282			Popescu, D.	45	
Buikis, A. 7 Kazmi, I. H. 61 Quadrado, J. C. 191 Butt, Q. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celikyay, S. 245 250 Kocan, N. 245 Rannat, K. 326 Cetinkale, S. G. 245 Koliskina, V. 40 Rasvan, V. 45 Chen, C. Y. 103 Konig, S. 180 Rosca, H. 227 Chico, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defteraiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krugka, J. 221 Roubani-Kalantzopoulou, F. 262 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Doumirascu, G. 140 Li, Z. 121 Sandhu, K.S. 233 425 Dumitrascu, G. 294 <td>Bobasu, E.</td> <td>49</td> <td></td> <td>Katsanos, E.</td> <td>386</td> <td></td> <td></td> <td>Portela, M. M.</td> <td>334</td> <td></td>	Bobasu, E.	49		Katsanos, E.	386			Portela, M. M.	334	
Butt, Q. R. 61 Kirytopoulos, K. 320 Radzi, N. S. B. M. 410 Celikyay, S. C. 245 Z50 Kocan, N. 245 Rannat, K. 326 Cetinkale, S. G. 245 Koliskina, V. 40 Rasvan, V. 45 Chen, C. Y. 103 Konig, S. 180 Roosta, H. 227 Chico, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defferaiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Dommez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 121 Sandhu, K. S. 233 425 Eamus, D. <td< td=""><td>Brito, M. G.</td><td>288</td><td>363</td><td>Kawaguchi, K.</td><td>406</td><td></td><td></td><td>Qing, J.</td><td>13</td><td></td></td<>	Brito, M. G.	288	363	Kawaguchi, K.	406			Qing, J.	13	
Celikyay, S. 245 250 Koćan, N. 245 Rannat, K. 326 Cetinkale, S. G. 245 Koliskina, V. 40 Raswan, V. 45 Charles, L. 288 Kolokathi, M. 133 Resceanu, I. 346 Chicco, G. 168 Kostjukova, S. 7 Roosta, M. 227 Chicco, G. 188 Kostjukova, S. 7 Roosta, M. 227 Defferaiou, G. 133 Kralj, D. 200 206 Rosca, A. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H. 340 Lampridou, A. 320 Roupa, Z. Rasud, J. 180 Dommez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 211 Sander, M. Sa. 233 425 Dumitrascu, G. 40 Liu, Y. 349 99 Shah, A. A. 438 <t< td=""><td>Buikis, A.</td><td>7</td><td></td><td>Kazmi, I. H.</td><td>61</td><td></td><td></td><td>Quadrado, J. C.</td><td>191</td><td></td></t<>	Buikis, A.	7		Kazmi, I. H.	61			Quadrado, J. C.	191	
Cetinkale, S. G. 245 Koliskina, V. 40 Rasvan, V. 45 Charles, L. 268 Kolokathi, M. 133 Resceanu, I. 346 Chen, C. Y. 103 Konig, S. 180 Roosta, H. 227 Chicco, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defteraiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Dirig, H. 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sandtre, H. 477 Doulos, L. 368 Li, Z. 121 Sandtre, M. Sestakova, I. 174 186 Eamus, D.	Butt, Q. R.	61		Kirytopoulos, K.	320			Radzi, N. S. B. M.	410	
Charles, L. 268 Kolokathi, M. 133 Resceanu, I. 346 Chen, C. Y. 103 Konig, S. 180 Roosta, H. 227 Chicco, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defteraiou, G. 133 Kralj, D. 200 206 Rosca, A. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 303 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 121 Sanderescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, Y.	Celikyay, S.	245	250	Kocan, N.	245			Rannat, K.	326	
Chen, C. Y. 103 Konig, S. 180 Roosta, H. 227 Chicco, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, D. 127 Defleraiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latliff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Setakova, I. 174 186	Cetinkale, S. G.	245		Koliskina, V.	40			Rasvan, V.	45	
Chicco, G. 168 Kostjukova, S. 7 Roosta, M. 227 Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defteraiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H. 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 121 Sandhu, K.S. 233 425 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, Y. 349 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 89 94 99 Shim, M. 111 <	Charles, L.	268		Kolokathi, M.	133			Resceanu, I.	346	
Costa, C. N. 288 363 Kotsopoulos, S. 282 Rosca, A. 127 Defferaiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Dommez, S. 245 Li, Y. 19 84 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Farhoudi, R. 227 Liu, Y. 349 99 Shahn, A. A. 438 Farhoudi, R. 227 Liu, Y. 89 94 99 Shimei, W. 13 Gan, W. 1 Lou, W. 217 Sima, Y. Z. 24	Chen, C. Y.	103		Konig, S.	180			Roosta, H.	227	
Defferaiou, G. 133 Kralj, D. 200 206 Rosca, D. 127 Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Domomez, S. 245 Li, Y. 19 84 Sandhu, K. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shahin, M. M. 111 186 Farinoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 410 410 410 410 410 410 410 410 410 410	Chicco, G.	168		Kostjukova, S.	7			Roosta, M.	227	
Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shahn, A. A. 438 Farboudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shime, W. 13 Gao, Z. 94 99 Lou, W. 217 Sima, Y. Z. 24 Gekas, V. 211 Magalios, S. 282 Singh, D. 315 Gekas, V.	Costa, C. N.	288	363	Kotsopoulos, S.	282			Rosca, A.	127	
Deng, N. D. 29 34 Krupka, J. 221 Roubani-Kalantzopoulou, F. 262 Ding, H 340 Lampridou, A. 320 Roupa, Z. 352 Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 121 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farboudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shime, W. 13 Gao, Z. 94 99 Lou, W. 217 Sima, Y. Z. 24 Gekas, V. <	Defteraiou, G.	133		Kralj, D.	200	206		Rosca, D.	127	
Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sander, H. 477 Doulos, L. 368 Li, Z. 121 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shime, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, Z. 94 99 Louw, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Louwos, V. 133 Singh, D. 315 Gekas, V. 211<	Deng, N. D.	29	34	Krupka, J.	221			Roubani-Kalantzopoulou, F.	262	
Dizaji, R. S. 196 Latiff, A. 303 Sachau, J. 180 Donmez, S. 245 Li, Y. 19 84 Sandhu, K. S. 233 425 Dounitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shime, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, Z. 94 99 Lounos, V. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Lounos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R.	Ding, H	340		Lampridou, A.	320				352	
Doulos, L. 368 Li, Z. 121 Sandhu, K. S. 233 425 Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Littifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, Z. 94 99 Loumos, V. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282		196		Latiff, A.	303			Sachau, J.	180	
Dumitrascu, G. 140 Lin, W. Z. 238 Sendrescu, D. 49 Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shahn, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, D. 315 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guo, J. H. 29 34 M	Donmez, S.	245		Li, Y.	19	84		Sander, H.	477	
Eamus, D. 294 Litifu, Z. 377 Sestakova, I. 174 186 Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Gao, W. 1 Louksas, P. 282 Shukry, A. S. B. M. 410 Gao, Z. 94 99 Loumos, V. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guo, J. H. 29 34	Doulos, L.	368		Li, Z.	121			Sandhu, K. S.	233	425
Enow, A. 400 Liu, R. 94 99 Shah, A. A. 438 Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Marshall, J. D. 477	Dumitrascu, G.	140		Lin, W. Z.	238			Sendrescu, D.	49	
Farhoudi, R. 227 Liu, Y. 340 Shahin, M. M. 111 Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hairi, M. 196 <t< td=""><td>Eamus, D.</td><td>294</td><td></td><td>Litifu, Z.</td><td>377</td><td></td><td></td><td>Sestakova, I.</td><td>174</td><td>186</td></t<>	Eamus, D.	294		Litifu, Z.	377			Sestakova, I.	174	186
Faridah-Hanum, I. 303 Liu, Y. 89 94 99 Shimei, W. 13 Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hairi, M. 196	Enow, A.	400		Liu, R.	94	99		Shah, A. A.	438	
Ganatsios, M. 386 Lokkas, P. 282 Shukry, A. S. B. M. 410 Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262	Farhoudi, R.	227		Liu, Y.	340			Shahin, M. M.	111	
Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326	Faridah-Hanum, I.	303		Liu, Y.	89	94	99	Shimei, W.	13	
Gao, W. 1 Lou, W. 217 Sima, Y. Z. 24 Gao, Z. 94 99 Loumos, V. 133 Singh, D. 315 Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326	Ganatsios, M.	386		Lokkas, P.	282			Shukry, A. S. B. M.	410	
Gekas, V. 211 Magalios, S. 282 Singh, J. H. 311 Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29	Gao, W.	1		Lou, W.	217			Sima, Y. Z.	24	
Ghosh, R. 419 Mancarella, P. 168 Siokos, V. 262 Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsangrassoulis, A. 368	Gao, Z.	94	99	Loumos, V.	133			Singh, D.	315	
Gravanis, G. 282 Manoharan, V. 294 Skafar, M. 206 Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsangrassoulis, A. 368 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368 <td>Gekas, V.</td> <td>211</td> <td></td> <td>Magalios, S.</td> <td>282</td> <td></td> <td></td> <td>Singh, J. H.</td> <td>311</td> <td></td>	Gekas, V.	211		Magalios, S.	282			Singh, J. H.	311	
Gross, B. 268 Manson, S. M. 477 Skilbeck, G. 294 Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Ghosh, R.	419		Mancarella, P.	168			Siokos, V.	262	
Guan, D. 1 Margariti, S. 262 Song, T. X. 103 Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Gravanis, G.	282		Manoharan, V.	294			Skafar, M.	206	
Guo, J. H. 29 34 Markic, M. 200 206 St. Seymour, K. 256 Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Gross, B.	268		Manson, S. M.	477			Skilbeck, G.	294	
Guo, J. S. 24 103 Marshall, J. D. 477 Terekhina, N. 165 Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Guan, D.	1		Margariti, S.	262			Song, T. X.	103	
Hajek, P. 221 Matsumoto, H. 406 Theodoridis, M. P. 116 Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Guo, J. H.	29	34	Markic, M.	200	206		St. Seymour, K.	256	
Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Guo, J. S.	24	103	Marshall, J. D.	477			Terekhina, N.	165	
Hariri, M. 196 Metaxa, E. 262 Tirmizi, S. I. A. 61 Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368	Hajek, P.	221		Matsumoto, H.	406			Theodoridis, M. P.	116	
Hikmat, A. 303 Miidla, P. 326 Toorn, M. v. d. 465 Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368										
Hori, T. 406 Minas, A. 352 Topalidis, G. 386 Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368										
Hosseinlou, M. H. 153 159 Moghimi, H. 146 Topalis, F. V. 368 Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368										
Hou, E. K. 29 34 Mohamadian, H. 121 Tsakona, M. 211 Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368			159					•		
Hou, F. 19 84 Moshary, F. 268 Tsangrassoulis, A. 368				<u> </u>				•		
·										
Hu, B. 1 Moshtaghin, M. S. 159 Uba, P. 326	Hu, B.	1		Moshtaghin, M. S.	159			Uba, P.	326	

Authors Index

Ufimtseva, M.	165	Wu, K. Y.	238	Zhang, Z. H.	29 34	
Uzun, N.	250	Wu, Y.	268	Zhanyong, Y.	13	
Vassiloglou, V.	282	Xinzhuang, C.	13	Zhao, B.	24 103	í
Vendas, D. F.	363 288	Yang, Y. M.	24 103	Zheng, Z.	68	
Vladutescu, D. V.	268	Yazici, E.	358	Zhou, C.	68	
Volodko, I.	40	Ye, Z.	121	Zissopoulos, D.	386	
Wang, X.	74 79	Yigit, Z.	358	Zoi, P.	386	
Wang, Y.	89	Yosypchuk, B.	186	Zouzias, D.	256	
Wey, W. M.	238	Yunusa, I.	294			