



Journal of Applicable Chemistry

2015, 4 (4): 1301-1307

(International Peer Reviewed Journal)



Seminars & Conferences

➤ **International Conference on Condensed Matter and Applied Physics (ICC-2015), October 30-31, 2015 at Govt. Engineering College, Bikaner**

International Conference on Condensed Matter & Applied Physics (ICC-2015) during Oct. 30-31, 2015 at Govt. Engineering College, Bikaner.

CONTACT:

Convener, ICC-2015
Department of Physics
Govt. Engineering College,
Karni Industrial Area, Pugal Road, Bikaner – 334004
Rajasthan, India
Mobile : +91 9461012574.
Website: www.iccindia15.com

➤ **Recent Developments in Medical Biotechnology and Structure based Drug Designing at IIT Guwahati**

Recent Developments in Medical Biotechnology and Structure Based Drug Designing will be held at IIT Guwahati, Assam during 06-07th December, 2015.

CONTACT:

Dr. Vikash Kumar Dubey
Professor
Department of Biosciences and Bioengineering
Indian Institute of Technology Guwahati
Guwahati, Assam, India-781039
Webpage: <http://www.iitg.ernet.in/vdubey>

➤ **International Conference on Nanomaterials and Nanotechnology (NANO-2015)**

NANO-2015 to be held during December 7-10, 2015 at KSR Campus, Tamil Nadu, India.

CONTACT:

Dr. V. RAJENDRAN
Chair- NANO-15
Director, Centre for Nano Science and Technology
Director, Research and Development
K S R Group of Institutions
K S R Kalvi Nagar, Tiruchengode - 637 215

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E.mail : nano15@ksrct.ac.in, directorrd@ksrct.ac.in
Centre : www.nanotech.ksrct.ac.in
Conference : www.nano15.ksrct.ac.in

➤ **4th International Conference on Emerging Trends in Scientific Research at Istanbul, Turkey 28th – 29th November 2015**

The Pak Research & Development Wing proudly announces the 4th International Conference on Emerging Trends in Scientific Research, 28-29 November, 2015, İstanbul-Turkey.

CONTACT:

4th ICETSR 2015 Secretariat,
Suite 8.01, Level 8, Menara IGB, Mid Valley City
Lingkaran Syed Putra, 59200,
Kuala Lumpur, Malaysia
OR
Sadeeq Block, Near Fawara Chowk, Abbasia Town,
Rahim Yar Khan - 64200, Punjab, Pakistan .
E-mail : Conference@pakrdw.com
Conference@pakinsight.com
URL: <http://www.pakrdw.com/?ic=details&id=11>

➤ **3rd International Multidisciplinary Microscopy and Microanalysis Congress and Exhibition (InterM)**

3rd International Multidisciplinary Microscopy and Microanalysis Congress & Exhibition (InterM) will be held on October 19-23, 2015 in Oludeniz, Fethiye / Mugla-TURKEY

CONTACT:

<http://www.interm2015.org/abstract-submission>
chair@interm2015.org
www.interm2015.org

➤ **International Conference and Expo on Pharmaceuticals on August 03-04 at Hyderabad**

International Conference and Expo on Pharmaceuticals on August 03-04 at Leonia International Convention Centre, Hyderabad

CONTACT:

www.brightice.co.in
biotechnology2015@brightice.co.in
biotechnologycarrers@brightice.co.in

➤ **2nd International Conference and Exhibition on Biotechnology on August 03-04 at Hyderabad**

International Conference and Exhibition on Biotechnology on August 03-04 at Leonia International Convention Centre, Hyderabad

CONTACT:

www.brightice.co.in

biotechnology2015@brightice.co.in

biotechnologycarrers@brightice.co.in

➤ **Zonal Nominations for Shri Anupam Sinha ACT Chemistry Teacher Award and ACT Best Women Teacher Award for 2015**

National Convention of Chemistry Teavhers NCCT 2015 will be held on Oct 8-10 2015 at Lucknow University under the convenorship of Prof Sudha Jain, our former President.

CONTACT:

Dr D V Prabhu

General Secretary ACT

Adjunct Professor Dept of Chemistry Wilson College Mumbai

dvprabhu48@gmail.com

➤ **7th IEEE International Conference on Technology for Education (T4E-2015) at NIT Waranagal**

Inviting to Submit Papers in 7th IEEE International Conference on Technology for Education (T4E-2015) to be held during 10-12, Dec.2015 at NIT Warangal, Telangana, India

CONTACT:

Prof. I.A. K. Reddy

Publicity Chair, T4E 2015 &

Prof-in- Charge, Centre for Educational Technology

NIT Warangal

<http://t4e2015.virtual-labs.ac.in/>

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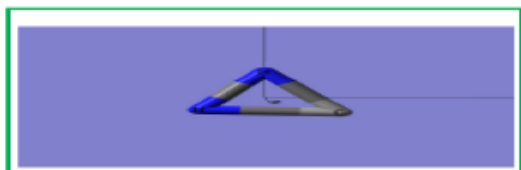
Journal of Applicable Chemistry

2015, 4 (4)

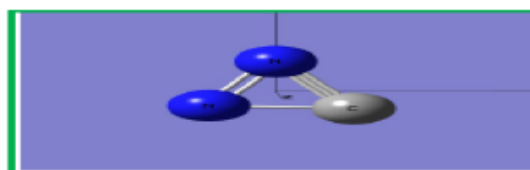
(International Peer Reviewed Journal)



New Chemistry News



New News of Chem (NNC)



ChemNewsNew (CNN)

Editors' choice

Second-Order advantage (SO a) in hyphenated instrumental Data Evolution (HIDE)

Solving signal instability to maintain the second-order advantage in the resolution and determination of multi-analytes in complex systems by modeling liquid chromatography-mass spectrometry data using alternating trilinear decomposition method assisted with piecewise direct standardization

Journal of Chromatography A
2015, In Press

Hui-Wen Gu, Hai-Long Wu, Xiao-Li Yin, Shan-Shan Li, Ya-Juan Liu, Hui Xia, Li-Xia Xie, Ru-Qin Yu, Peng-Yua Yang, Hao-Jie Lu

Generation of non-multilinear three-way voltammetric arrays by an electrochemically oxidized glassy carbon electrode as an efficient electronic device to achieving second-order advantage: Challenges, and tailored applications

Talanta,
134,2015,607-618

Ali R. Jalalvand, Mohammad-Bagher Gholivand, Hector C. Goicoechea, Thomas Skov

Second-order advantage maintenance with voltammetric data modeling for quantitation of ethiofencarb in the presence of interferences

Talanta
132,2015,851-856

Nielene Mora Diez, Agustina Guiberteau Cabanillas, Antonio Silva Rodríguez, Héctor C. Goicoechea

Achieving second order advantage with multi-way partial least squares and residual bi-linearization with total synchronous fluorescence data of monohydroxy-polycyclic aromatic hydrocarbons in urine samples

Analytica Chimica Acta
811,2014,60-69

Korina Calimag-Williams, Gaston Knobel, H.C. Goicoechea, A.D. Campiglia

- Second-order advantage obtained from standard addition first-order instrumental data and multivariate curve resolution-alternating least squares. Calculation of the feasible bands of results
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
122,2014, 721-730
Naimeh Mohseni, Morteza Bahram, Alejandro C. Olivieri
- Multivariate curve resolution based chromatographic peak alignment combined with parallel factor analysis to exploit second-order advantage in complex chromatographic measurements
Analytica Chimica Acta
816,2014, 18-27
Hadi Parastar, Nadia Akvan
- Three-Dimensional Voltammetry: A Chemometrical Analysis of Electrochemical Data for Determination of Dopamine in the Presence of Unexpected Interference by a Biosensor Based on Gold Nanoparticles
Anal. Chem.,
86 (18), 2014,8967–8973
Asma Khoobi, Sayed Mehdi Ghoreishi, Mohsen Behpour, Saeed Masoum
- Analytical Figures of Merit for Partial Least-Squares Coupled to Residual Multilinearization
Anal. Chem.,
84 (24), 2012,10823–10830
Franco Allegrini, Alejandro C. Olivieri
- Exploiting second-order advantage using PARAFAC2 for fast HPLC-DAD quantification of mixture of aflatoxins in pistachio nuts
Food Chemistry
127(2),2011,827-833
Maryam Vosough, Amir Salemi
- Simultaneous Determination of Free Amino Acid Content in Tea Infusions by Using High-Performance Liquid Chromatography with Fluorescence Detection Coupled with Alternating Penalty Trilinear Decomposition Algorithm
J. Agric. Food Chem.,
59 (20), 2011, 10839–10847
Fuyuan Tan, Chao Tan, Aiping Zhao, Menglong Li
- Residual bilinearization combined with kernel-unfolded partial least-squares: A new technique for processing non-linear second-order data achieving the second-order advantage
Chemometrics and Intelligent Laboratory System
100(2),2010,127-135
Alejandro García-Reiriz, Patricia C. Damiani, Alejandro C. Olivieri
- Highly sensitive fluorescence quantification of irinotecan in biological fluids with the aid of second-order advantage
Chinese Chemical Letters
21(12),2010,1482-1486
Hai Yan Fu, Hai Long Wu, Jin Fang Nie, Yong Jie Yu, Hong Yan Zou, Ru Qin Yu
- Evaluation of the number of factors needed for residual bilinearization in BLS and UPLS models to achieve the second-order advantage
Chemometrics and Intelligent Laboratory Systems
100(2),2010,99-109
Jez William Batista Braga, Renato Lajarim Carneiro, Ronei Jesus Poppi
- Second order advantage in the determination of amaranth, sunset yellow FCF and tartrazine by UV-vis and multivariate curve resolution-alternating least squares
Analytica Chimica Acta
6559(1–20),2009,38-42
Natalia Elizabeth Llamas, Mariano Garrido, María Susana Di Nezio, Beatriz Susana Fernández Band

Second-order advantage applied to simultaneous spectrofluorimetric determination of paracetamol and mefenamic acid in urine samples	<i>Analytica Chimica Acta</i> 645(1-2),2009,25-29
Tayyebeh Madrakian, Abbas Afkhami, Masoumeh Mohammadnejad	
Second-order advantage from kinetic-spectroscopic data matrices in the presence of extreme spectral overlapping: A multivariate curve resolution—Alternating least-squares approach	<i>Analytica Chimica Acta</i> 614(1),2008,46-57
María J. Culzoni, Héctor C. Goicoechea, Gabriela A. Ibañez, Valeria A. Lozano, Nilda R. Marsili, Alejandro C. Olivieri, Ariana P. Pagani	
Screening of Oil Samples on the Basis of Excitation–Emission Room-Temperature Phosphorescence Data and Multiway Chemometric Techniques. Introducing the Second-Order Advantage in a Classification Study	<i>Anal. Chem.</i> , 80 (8), 2008,2789–2798
Juan A. Arancibia , Carlos E. Boschetti , Alejandro C. Olivieri , and Graciela M. Escandar	
Multiway Partial Least-Squares Coupled to Residual Trilinearization: A Genuine Multidimensional Tool for the Study of Third-Order Data. Simultaneous Analysis of Procaine and Its Metabolite p-Aminobenzoic Acid in Equine Serum	<i>Anal. Chem.</i> , 79 (18), 2007,6949–6958
Patricia C. Damiani , Isabel Durán-Merás , Alejandro García-Reiriz , Ana Jiménez-Girón , Arsenio Muñoz de la Peña , Alejandro C. Olivieri	
Combining standard addition method and second-order advantage for direct determination of salicylate in undiluted human plasma by spectrofluorimetry	<i>Talanta</i> 68(5),2006,1707-1712
Marcelo M. Sena, Marcello G. Trevisan, Ronei J. Poppi	
Spectroscopic bilinear least-squares methods exploiting the second-order advantage. Theoretical and experimental study concerning accuracy, sensitivity and prediction error	<i>Chemometrics and Intelligent Laboratory Systems</i> 80(1),2006,99-108
Alejandra Haimovich, Rubén Orselli, Graciela M. Escandar, Alejandro C. Olivieri	
Second-Order Advantage Achieved by Unfolded-Partial Least-Squares/Residual Bilinearization Modeling of Excitation–Emission Fluorescence Data Presenting Inner Filter Effects	<i>Anal. Chem.</i> , 2006, 78 (23), pp 8051–8058
Diego Bohoyo Gil , Arsenio Muñoz de la Peña , Juan A. Arancibia , Graciela M. Escandar, Alejandro C. Olivieri	

Third-Order advantage (To a) in hyphenated instrumental Data Evolution (HIDE)

Direct quantitative analysis of aromatic amino acids in human plasma by four-way calibration using intrinsic fluorescence: Exploration of third-order advantages	<i>Talanta</i> 122,2014,293-301
Chao Kang, Hai-Long Wu, Li-Xia Xie, Shou-Xia Xiang, Ru-Qin Yu	
Utilizing the Third Order Advantage with Isotope Dilution Mass Spectrometry	<i>Anal. Chem.</i> , 82 (1), 2010, pp 41–43
Elizabeth M. Humston , Jamin C. Hoggard, Robert E. Synovec	

Analytical Advantages of Multivariate Data Processing. One, Two, Three, Infinity?

Alejandro C. Olivieri

Anal. Chem.,
80 (15), 2008, 5713–5720

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