

# International Journal of Innovative Computing, Information and Control

## Publisher's Note

### Most Cited Paper Award 2010

ICIC International presents its second annual "Most Cited Paper Award" for *International Journal of Innovative Computing, Information and Control*. The most cited paper award offers an alternative to committee-selected "best papers". The only objective and transparent metric that is highly correlated with the quality of a paper is the number of citations. We hope that the design of this most cited paper award will ensure fairness and equal opportunity for all authors published in the Journal. It is our hope that this award will serve authors as a means of recognition and thanks that they have chosen to publish their best work in *International Journal of Innovative Computing, Information and Control*. We also hope to inspire others to submit their best work to the journal.

Papers for this distinction are determined solely based on the highest number of cites, excluding self-citations, received for all journal articles published in 2008 [data culled out from ISI Web of Knowledge reports, <http://apps.isiknowledge.com> [created on 3 January 2011]].

For 2010, two articles will share the award: "Optimal filtering for linear systems over polynomial observations", by Michael Basin, Joel Perez and Dario Calderon-Alvarez, published in vol.4, no.2, pp.313-320 (2008) and "Adaptive fuzzy tracking control for strict-feedback nonlinear systems with unknown time delays", by Min Wang, Bin Chen and Shao-Cheng Tong, published in vol.4, no.4, pp.829-837(2008).

We congratulate the authors on this achievement.



**Michael V. Basin** received his Ph.D. degree in Physical and Mathematical Sciences with major in Automatic Control and System Analysis from the Moscow Aviation Institute in 1992. His work experience includes Senior Scientist position in the Institute of Control Science (Russian Academy of Sciences) in 1992-96, Visiting Professor position in the University of Nevada at Reno in 1996-97, and Full Professor position in the Autonomous University of Nuevo Leon, Mexico, from 1998.

Starting from 1992, Dr. Basin published more than 100 research papers in international referred journals and more than 130 papers in Proceedings of the leading IEEE and IFAC conferences and symposiums. He is the author of the monograph "New Trends in Optimal Filtering and Control for Polynomial and Time-Delay Systems," published by Springer. His works are cited more than 750 times. Dr. Basin has supervised 7 doctoral and 5 master's theses (all of them are successfully defended) and is currently supervising 6 doctoral and 1 master's theses. He serves as the Editor-in-Chief of Journal of The Franklin Institute, an Associate Editor of the IEEE Control System Society Conference Editorial Board, Automatica, International Journal of Innovative Computing, Information and Control, International Journal of Systems Science, and other journals, as a session chairman at a series of the leading IEEE and IFAC conferences, and as a reviewer for a number of leading international journals and conferences in the area of automatic control.

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Dr. Basin serves as a member of the IEEE Control System Society Technical Committee on Intelligent Control, Program Committee member of IEEE Conference on Decision and Control 2008, IEEE Conference on Control Applications 2009, 2012, IEEE International Symposium on Intelligent Control 2011, IEEE Workshops on Variable Structure Systems 2010, 2012, IEEE International Conferences on Innovative Computing, Information and Control 2006-2011, Mexican Automatic Control Conferences 2006, 2008, 2011. Dr. Basin was awarded a title of Highly Cited Researcher by Thomson Reuters (International Science Institute), the publisher of Science Citation Index, in 2009; he is a Senior Member of the IEEE Control Systems Society and a regular member of the Mexican Academy of Sciences. His research interests include optimal filtering and control problems, stochastic systems, time-delay systems, identification, sliding mode control and variable structure systems.

**Joel Perez** Biography is not available when publishing.



**Dario Calderon-Alvarez** was born in Mexico City and received his Ph. D. degree in Automatic Control from the Autonomous University of Nuevo Leon, Mexico, in 2009. He currently works as an assistant professor of Physics and Computer Science and serves as Coordinator of Master Degree Studies in the Autonomous University of the State of Mexico (Campus Valle de Chalco). His research interests include optimal filtering and control problems, stochastic systems, and identification.



**Min Wang** received the B.Sc. and M.Sc. degrees from the Department of Mathematics, Bohai University, Jinzhou, China, in 2003 and 2006, and the Ph.D. degree from the Institute of Complexity Science, Qingdao University, Qingdao, China, in 2009. From June 2008 to September 2008, she worked as a visiting research student in Department of Electrical and Computer Engineering, National University of Singapore, Singapore. Dr. Wang is currently a Lecturer at the College of Automation and the Center for Control and Optimization, South China University of Technology, Guangzhou, China. She has authored over 10 papers in international journals and conference proceedings including IEEE Transactions on Neural Networks, IEEE Transactions on Systems, Man and Cybernetics-Part B, Information Sciences. Her current research interests include intelligent control, deterministic learning, and pattern-based control. She is serving as a reviewer for a number of flagship journals. Dr. Wang received the Excellent Doctoral Dissertations Award of Shandong Province in 2010 and the Outstanding Graduate Award for Technological Innovation of Shandong Province in 2009, respectively.

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**Bing Chen** received the B.A. degree in mathematics from Liaoning University, Shenyang, China, the M.A. degree in mathematics from the Harbin Institute of Technology, Harbin, China, and the Ph.D. degree in electrical engineering from Northeastern University, Shenyang, China, in 1982, 1991, and 1998, respectively. He is currently a Professor with the Institute of Complexity Science, Qingdao University, Qingdao, China. His research interests include nonlinear control systems, robust control, and adaptive fuzzy control.



**Shao-Cheng Tong** received the B.A. degree in mathematics from Jinzhou Normal College, Jinzhou, China, the M.A. degree in fuzzy mathematics from Dalian Marine University, Dalian, China, and the Ph.D. degree in fuzzy control from Northeastern University, Shenyang, China, in 1982, 1988, and 1997, respectively. He is currently a Professor with the Department of Basic Mathematics, Liaoning University of Technology, Jinzhou, China. His current research interests include fuzzy sets and systems theory, nonlinear adaptive control, and intelligent control.