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Insights into Advancements in Intelligent Information Technologies: Discoveries

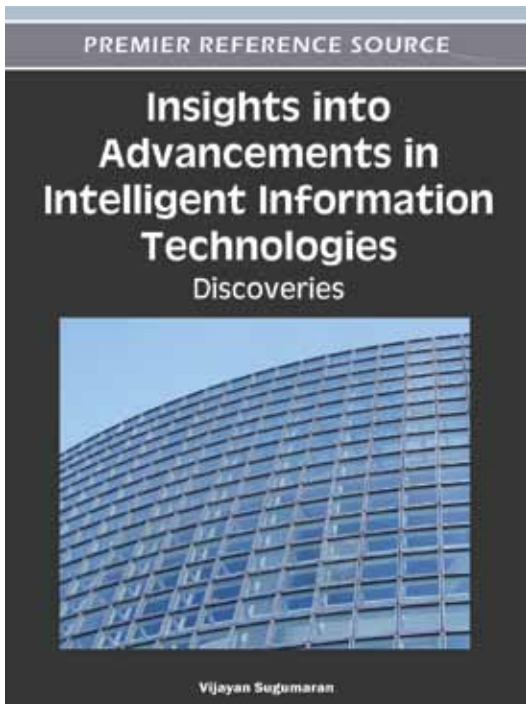
Vijayan Sugumaran (Oakland University, USA)

Intelligent Information Technologies are vital to businesses, hospitals, research facilities, and any number of institutions that rely on the infrastructure provided therein to remain current within their respective fields, and keep their access to data secure and efficient.

Insights into Advancements in Intelligent Information Technologies: Discoveries offers the latest the field has to offer in research, methodologies, frameworks, and advances in the field. Within the various business enterprises that share resources and compete for a market share, information, and its uses are crucial to growing and furthering their burgeoning needs. This volume has collected case studies and research from around the globe in the most updated collection of research within the field to date.

Topics Covered:

- Artificial Intelligence
- Autonomous Systems
- Bioinformatics
- Data Modeling
- Database Technologies
- Metadata
- MIS
- Privacy and Security
- Recommendation Systems
- Retrieval Engines



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Vijayan Sugumaran is Professor of Management Information Systems in the department of Decision and Information Sciences at Oakland University, Rochester, Michigan, USA. He is also WCU Professor of Service Systems Management and Engineering at Sogang University, Seoul, South Korea. He received his PhD in Information Technology from George Mason University, Fairfax, VA. His research interests are in the areas of service science, ontologies and Semantic Web, intelligent agent and multi-agent systems, component based software development, and knowledge-based systems. His most recent publications have appeared in *Information systems Research*, *ACM Transactions on Database Systems*, *IEEE Transactions on Education*, *IEEE Transactions on Engineering Management*, *Communications of the ACM*, *Healthcare Management Science*, and *Data and Knowledge Engineering*. He has published over 150 peer-reviewed articles in journals, conferences, and books. He has edited ten books and two journal special issues. He is the editor-in-chief of the *International Journal of Intelligent Information Technologies* and also serves on the editorial board of seven other journals. He was the program co-chair for the 13th International Conference on Applications of Natural Language to Information Systems (NLDB 2008). In addition, he has served as the chair of the Intelligent Agent and Multi-Agent Systems mini-track for Americas Conference on Information Systems (AMCIS 1999 - 2012) and Intelligent Information Systems track for the Information Resources Management Association International Conference (IRMA 2001, 2002, 2005 - 2007). He served as Chair of the E-Commerce track for Decision Science Institute's Annual Conference, 2004. He was the Information Technology Coordinator for the Decision Sciences Institute (2007-2009). He also regularly serves as a program committee member for numerous national and international conferences.



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