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**PUBLICATIONS**

F. L. Lewis

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Ranked at position 89 worldwide, 64 in the USA, and 3 in Texas of all scientists in Computer Science and Electronics, by Guide2Research (June 2019).

Author of 23 books, 420 journal papers, 35 reprint volumes/journal special issues, 63 book chapters, 420 fully refereed & published conference papers.

F. Lewis is a Thomson Reuters Web of Science Highly Cited Researcher, since 2016. He has in excess of 57,000 citations on Google Scholar and h-index of 107.

Books
   
   This book was translated into Chinese.
   
   This book reached 21,500 chapter downloads in 2016. It was a top 25% Springer downloaded book.
   
   This book was translated into Chinese


*Note: these two books resulted in the receipt of the American Society of Engineering Education (ASEE) Frederick Emmons Terman Award in 1989.*

**Proceedings and Reprint Volumes**


**Book Chapters**


This chapter reached 3000 downloads in March 2014.


This chapter reached 3000 downloads in May 2014.


This chapter reached 12,000 downloads in April 2017.


Journal Special Issues


Journal Papers

Reinforcement Learning, Intelligent Control, and Game Theory


This was the top most downloaded paper for the month of February 2017.


This paper was listed by BioMedLib as the 8th most read article in ISA Trans. of October 2013.


This paper was listed by IEEEExplore as the second most accessed CS Mag. article in March 2013 and the third most accessed in March 2017.


*This paper was cited by www.BioMedLib.com as the top article in the topic domain in Oct. 2012.*


*This paper was listed by Science Direct as the 17th most read Automatica article of July-Sept 2011.*


*Selected for inclusion in the ‘ACC Virtual Special Issue of Annual Reviews in Control’ as the first-listed among the six most influential papers of Automatica published between 2010-2013.*

*This paper was cited online by Elsevier.com/Automatica in March 2015 as the 10th most cited Automatic paper published since 2010.*


*This paper was cited by www.BioMedLib.com as the top 15th article in the topic domain in May 2012.*


*This paper was cited by www.BioMedLib.com as the top 15th article in the topic domain in May-July 2012.*

*This paper was cited in April 2012 by www.BioMedLib.com as the top article in the topic domain since its publication.*

*Cited by Biomedupdater.com in July 2016 as the 4th top article in the topic research domain since its publication.*


*This paper was cited by www.BioMedLib.com as the top article in the topic domain in March 2011.*


Cooperative Multi-agent Distributed Control


Best Paper Award, J. Control Theory and Technology, 2017


Listed by Science Direct as the 5th most read Automatica article of July-Sept 2012.


Second most downloaded Automatica article Jun-Aug 2012.


Third most downloaded Automatica article Jun-Aug 2012.


*This paper was in the top 50 Most Accessed papers in TAC, Nov. 2018.*


*This paper was listed by Science Direct as the 2nd most read Automatica article of July-Sept 2011.*


*This paper was cited online by Elsevier.com/Automatica in March 2015 as the 17th most cited Automatic paper published since 2010.*

**Control of Microgrid and Electric Power Systems**


*Best Paper Award, IEEE Transactions on Energy Conversion, 2017-2018*


Prize Paper Award, IEEE Power and Energy Society, 2016


This was the 3rd most downloaded article in this journal in August 2013


**Discrete Event Supervisory Control & Decision Systems**


**Control of Industrial and Computer Processes**


Aircraft and Helicopter Control


Robotics and Human-Robot Interaction

Note: For additional papers on robot control see ‘Mobile Robots’, ‘Neural Networks’, ‘Fuzzy Logic’, ‘Stewart Platform’, and ‘Flexible and Vibratory Systems’.


Sensor Networks & Real-Time/Internet-Based Control


**MEMS Microelectromechanical Systems**


*This paper won the Emerald Highly Commended Award. Dr. Lewis assisted with the editing of the paper.*

**System Theory**


**Adaptive and Robust Control**


**Neural Networks for Control**

*Note: For additional papers on neural network control see ‘Intelligent Control and Adaptive Critics’ and ‘Mobile Robots’*


Fuzzy Logic Control


**Biosystems**


**Mobile Robots**


**Stewart Platform Manipulator**


**Flexible and Vibratory Systems Control**


**Construction Automation**


**2-Dimensional Systems**


**Singular/Descriptor Systems**


**Magazine and Trade Journal Articles**


**Conference Papers Published in Proceedings**

*Note: Papers for conferences involving the IEEE Control Systems Society are fully refereed and appear in Proceedings. All of the listed papers below are peer-reviewed and published.*

**Reinforcement Learning, Intelligent Control, and Game Theory**


This paper won the IJCNN 2010 Best Paper Award.


In 2014 this was the most cited paper in IJCNN since 2009 according to http://arnetminer.org/conference/ijcnn.


Cooperative Distributed Control


This paper won the ICCA 2018 Best Paper Award.


Won the Best Paper Award for Autonomous/Unmanned Vehicles, Army Science Conf. 2010.


Control of Microgrid and Electric Power Systems


This paper won the ISRCS 2015 Best Paper Award.


**Discrete Event Control & Decision Systems**

*Note: Additional papers on discrete event control are listed under ‘Cooperative Distributed Control’*


**Control of Industrial and Computer Processes**


Won the Best Application Paper Award at Asian Control Conference, Taiwan, May 2011.


**Aircraft and Helicopter Control**


**Robotics and Human-Robot Interaction**

Note: For additional papers on robot control see ‘Mobile Robots’, ‘Neural Networks’, ‘Fuzzy Logic’, ‘Stewart Platform’, and ‘Flexible and Vibratory Systems’.


**Sensor Networks & Real-Time/Internet-Based Control**


This paper won the IEEE RAM Conf. Best Paper Award 2006.


MEMS Microelectromechanical Systems


**System Theory**


**Adaptive and Robust Control**


**Neural Networks for Control**


**Fuzzy Logic Control**


Mobile Robots


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Stewart Platform Manipulator


Flexible and Vibratory Systems Control


Construction Automation


2-Dimensional Systems


Singular/Descriptor Systems


Unpublished Reports

This paper won two awards: (1) Fourth Place Award, 1992 IEEE Region 5 Meeting. (2) Second Place Award, IEEE Industry Applications Society 1992 National Student Prize Paper Competition.


Technical Reports

Reviews and Editorials