

Mo Yilin (Asst Prof)

From: noreply@webofscience.com
Sent: Tuesday, July 3, 2018 10:44 AM
To: Mo Yilin (Asst Prof)
Subject: Web of Science

Notes: Web of Science =====

AUTHOR: (Lennartson Bengt)

Timespan=All years, Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI.

Results found: 97

Sum of the Times Cited: 472

Average Citations per Item: 4.87

h-index: 13

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| 1. | Title: Modeling and Optimization of Energy Consumption in Cooperative Multi-Robot Systems By: Vergnano, Alberto; Thorstensson, Carl; Lennartson, Bengt; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 9 Issue: 2 Pages: 423-428 Published: APR 2012 | 8 | 5 | 5 | 11 | 2 | 38 | 5.43 |
| 2. | Title: Height control of laser metal-wire deposition based on iterative learning control and 3D scanning By: Heralic, Almir; Christiansson, Anna-Karin; Lennartson, Bengt Source: OPTICS AND LASERS IN ENGINEERING Volume: 50 Issue: 9 Pages: 1230-1241 Published: SEP 2012 | 6 | 5 | 9 | 12 | 2 | 36 | 5.14 |
| 3. | Title: Efficient supervisory synthesis of large systems By: Vahidi, Arash; Fabian, Martin; Lennartson, Bengt Conference: 7th Workshop on Discrete Event Systems Location: Reims, FRANCE Date: SEP 22-24, 2004 Source: CONTROL ENGINEERING PRACTICE Volume: 14 Issue: 10 Pages: 1157-1167 Published: OCT 2006 | 5 | 4 | 4 | 3 | 0 | 34 | 2.62 |
| 4. | Title: Sequence Planning for Integrated Product, Process and Automation Design By: Lennartson, Bengt; Bengtsson, Kristofer; Yuan, Chengyin; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 7 Issue: 4 Special Issue: SI Pages: 791-802 Published: OCT 2010 | 6 | 2 | 4 | 5 | 1 | 30 | 3.33 |
| 5. | Title: Energy Reduction in a Pallet-Constrained Flow Shop Through On-Off Control of Idle Machines By: Mashaei, Maziar; Lennartson, Bengt Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND | 3 | 3 | 7 | 8 | 2 | 25 | 4.17 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | ENGINEERING Volume: 10 Issue: 1 Special Issue: SI Pages: 45-56 Published: JAN 2013 | | | | | | | |
| 6. | Title: High-Level Scheduling of Energy Optimal Trajectories By: Wigstrom, Oskar; Lennartson, Bengt; Vergnano, Alberto; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 10 Issue: 1 Special Issue: SI Pages: 57-64 Published: JAN 2013 | 9 | 4 | 2 | 10 | 0 | 25 | 4.17 |
| 7. | Title: Increased stability in laser metal wire deposition through feedback from optical measurements By: Heralic, Almir; Christiansson, Anna-Karin; Ottosson, Mattias; et al. Source: OPTICS AND LASERS IN ENGINEERING Volume: 48 Issue: 4 Pages: 478-485 Published: APR 2010 | 2 | 2 | 3 | 9 | 2 | 24 | 2.67 |
| 8. | Title: A BDD-Based Approach for Modeling Plant and Supervisor by Extended Finite Automata By: Miremadi, Sajed; Lennartson, Bengt; Akesson, Knut Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 20 Issue: 6 Pages: 1421-1435 Published: NOV 2012 | 7 | 4 | 3 | 5 | 0 | 21 | 3.00 |
| 9. | Title: Methods for Reliable Simulation-Based PLC Code Verification By: Carlsson, Henrik; Svensson, Bo; Danielsson, Fredrik; et al. Source: IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 8 Issue: 2 Pages: 267-278 Published: MAY 2012 | 2 | 4 | 5 | 5 | 1 | 21 | 3.00 |
| 10. | Title: Symbolic Computation of Reduced Guards in Supervisory Control By: Miremadi, Sajed; Akesson, Knut; Lennartson, Bengt Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 8 Issue: 4 Pages: 754-765 Published: OCT 2011 | 6 | 3 | 3 | 2 | 0 | 21 | 2.63 |
| 11. | Title: Numerical Sensitivity of Linear Matrix Inequalities Using Shift and Delta Operators By: Lennartson, Bengt; Middleton, Richard H.; Gustafsson, Ivar Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 57 Issue: 11 Pages: 2873-2878 Published: NOV 2012 | 7 | 5 | 4 | 2 | 0 | 18 | 2.57 |
| 12. | Title: An event-driven manufacturing information system architecture for Industry 4.0 By: Theorin, Alfred; Bengtsson, Kristofer; Provost, Julien; et al. Source: INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH Volume: 55 Issue: 5 Pages: 1297-1311 Published: 2017 | 0 | 0 | 0 | 7 | 8 | 15 | 7.50 |
| 13. | Title: Automation in Green Manufacturing By: Li, Jingshan; Morrison, James R.; Zhang, Mike Tao; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 10 Issue: 1 Special Issue: SI Pages: 1-4 Published: JAN 2013 | 3 | 5 | 2 | 1 | 2 | 13 | 2.17 |
| 14. | Title: Sequence Planning Using Multiple and Coordinated Sequences of Operations By: Bengtsson, Kristofer; Bergagard, Patrik; Thorstensson, Carl; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND | 3 | 1 | 2 | 4 | 0 | 12 | 1.71 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | ENGINEERING Volume: 9 Issue: 2 Pages: 308-319 Published: APR 2012 | | | | | | | |
| 15. | Title: Restarting Manufacturing Systems; Restart States and Restartability By: Andersson, Kristin; Lennartson, Bengt; Fabian, Martin Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 7 Issue: 3 Pages: 486-499 Published: JUL 2010 | 1 | 1 | 1 | 2 | 0 | 11 | 1.22 |
| 16. | Title: Solving two supervisory control benchmark problems using Supremica By: Miremadi, Sajed; Akesson, Knut; Fabian, Martin; et al. Edited by: Lennartson, B; Fabian, M; Akesson, K; et al. Conference: 9th International Workshop on Discrete Event Systems Location: Goteborg, SWEDEN Date: MAY 28-30, 2008 Source: WODES' 08: PROCEEDINGS OF THE 9TH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS Pages: 131-136 Published: 2008 | 2 | 3 | 1 | 1 | 0 | 11 | 1.00 |
| 17. | Title: Nonconservative Robust Control: Optimized and Constrained Sensitivity Functions By: Fransson, Carl-Magnus; Wik, Torsten; Lennartson, Bengt; et al. Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 17 Issue: 2 Pages: 298-308 Published: MAR 2009 | 0 | 0 | 1 | 2 | 0 | 10 | 1.00 |
| 18. | Title: Energy Optimization of Multi-robot Systems By: Riazi, Sarmad; Bengtsson, Kristofer; Wigstrom, Oskar; et al. Conference: IEEE International Conference on Automation Science and Engineering (CASE) Location: Gothenburg, SWEDEN Date: AUG 24-28, 2015 Sponsor(s): IEEE; IEEE Robotics & Automation Society; ABB; Chalmers; Wingquist Laboratory; City of Gothenburg; Cognibotics; Kuka; Volvo; AREUS; Information and communication technology Source: 2015 INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 1345-1350 Published: 2015 | 0 | 0 | 0 | 7 | 1 | 8 | 2.00 |
| 19. | Title: Coordination of Operations by Relation Extraction for Manufacturing Cell Controllers By: Andersson, Kristin; Richardsson, Johan; Lennartson, Bengt; et al. Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 18 Issue: 2 Pages: 414-429 Published: MAR 2010 | 2 | 0 | 0 | 0 | 0 | 7 | 0.78 |
| 20. | Title: Emissivity compensated spectral pyrometry for varying emissivity metallic measurands By: Hagqvist, Petter; Sikstrom, Fredrik; Christiansson, Anna-Karin; et al. Source: MEASUREMENT SCIENCE AND TECHNOLOGY Volume: 25 Issue: 2 Article Number: 025010 Published: FEB 2014 | 1 | 1 | 2 | 1 | 1 | 6 | 1.20 |
| 21. | Title: Constructive cooperative coevolutionary optimisation for interacting production stations By: Glorieux, Emile; Danielsson, Fredrik; Svensson, Bo; et al. Source: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 80 Issue: 1-4 Pages: 673-688 Published: SEP 2015 | 0 | 1 | 0 | 2 | 2 | 5 | 1.25 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| 22. | Title: Emissivity compensated spectral pyrometry-algorithm and sensitivity analysis By: Hagqvist, Petter; Sikstroem, Fredrik; Christiansson, Anna-Karin; et al. Source: MEASUREMENT SCIENCE AND TECHNOLOGY Volume: 25 Issue: 2 Article Number: 025011 Published: FEB 2014 | 0 | 1 | 0 | 2 | 2 | 5 | 1.00 |
| 23. | Title: Generation of STEP AP214 models from discrete event systems for process planning and control By: Falkman, Petter; Nielsen, Johan; Lennartson, Bengt; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 5 Issue: 1 Pages: 113-126 Published: JAN 2008 | 1 | 0 | 1 | 1 | 0 | 5 | 0.45 |
| 24. | Title: Symbolic On-the-Fly Synthesis in Supervisory Control Theory By: Miremadi, Sajed; Lennartson, Bengt Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 24 Issue: 5 Pages: 1705-1716 Published: SEP 2016 | 0 | 0 | 0 | 3 | 1 | 4 | 1.33 |
| 25. | Title: Flexible Specification of Operation Behavior Using Multiple Projections By: Bengtsson, Kristofer; Lennartson, Bengt Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 11 Issue: 2 Pages: 504-515 Published: APR 2014 | 0 | 0 | 2 | 1 | 1 | 4 | 0.80 |
| 26. | Title: Supervisory Control for State-Vector Transition Models-A Unified Approach By: Lennartson, Bengt; Basile, Francesco; Miremadi, Sajed; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 11 Issue: 1 Pages: 33-47 Published: JAN 2014 | 0 | 1 | 2 | 1 | 0 | 4 | 0.80 |
| 27. | Title: Sensor Graphs for Discrete Event Modeling Applied to Formal Verification of PLCs By: Alenljung, Tord; Lennartson, Bengt; Hosseini, Mona Noori Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 20 Issue: 6 Pages: 1506-1521 Published: NOV 2012 | 0 | 1 | 3 | 0 | 0 | 4 | 0.57 |
| 28. | Title: Efficient reachability analysis on modular discrete-event systems using binary decision diagrams By: Byrod, Martin; Lennartson, Bengt; Vahidi, Arash; et al. Edited by: Lafortune, S; Lin, F; Tilbury, D Conference: 8th International Workshop on Discrete Event Systems Location: Ann Arbor, MI Date: JUL 10-12, 2006 Sponsor(s): Univ Michigan; Wayne State Univ; US Natl Sci Fdn; IEEE Control Syst Soc; Honeywell; HP Labs; Rockwell Sci; United Technol Res Ctr Source: WODES 2006: EIGHTH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS, PROCEEDINGS Pages: 288-+ Published: 2006 | 0 | 1 | 0 | 0 | 0 | 4 | 0.31 |
| 29. | Title: Energy and Peak Power Optimization of Time-Bounded Robot Trajectories By: Riazi, Sarmad; Wigstrom, Oskar; Bengtsson, Kristofer; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 14 Issue: 2 Pages: 646-657 Published: APR 2017 | 0 | 0 | 0 | 2 | 1 | 3 | 1.50 |
| 30. | Title: An Event-Driven Manufacturing Information System Architecture | 0 | 0 | 0 | 3 | 0 | 3 | 0.75 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | By: Theorin, Alfred; Bengtsson, Kristofer; Provost, Julien; et al. Conference: 15th IFAC Symposium on Information Control Problems in Manufacturing Location: Ottawa, CANADA Date: MAY 11-13, 2015 Source: IFAC PAPERSONLINE Volume: 48 Issue: 3 Pages: 547-554 Published: 2015 | | | | | | | |
| 31. | Title: Improved Constructive Cooperative Coevolutionary Differential Evolution for Large-Scale Optimisation By: Glorieux, Emile; Svensson, Bo; Danielsson, Fredrik; et al. Conference: IEEE Symposium Series Computational Intelligence Location: Cape Town, SOUTH AFRICA Date: DEC 07-10, 2015 Sponsor(s): IEEE; IEEE Computational Intelligence Soc; IEEE BigData Source: 2015 IEEE SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE (IEEE SSCI) Pages: 1703-1710 Published: 2015 | 0 | 0 | 0 | 3 | 0 | 3 | 0.75 |
| 32. | Title: Efficient Symbolic Supervisor Synthesis for Extended Finite Automata By: Fei, Zhennan; Miremadi, Sajed; Akesson, Knut; et al. Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 22 Issue: 6 Pages: 2368-2375 Published: NOV 2014 | 0 | 0 | 1 | 1 | 1 | 3 | 0.60 |
| 33. | Title: Resistance measurements for control of laser metal wire deposition By: Hagqvist, Petter; Heralic, Almir; Christiansson, Anna-Karin; et al. Source: OPTICS AND LASERS IN ENGINEERING Volume: 54 Special Issue: SI Pages: 62-67 Published: MAR 2014 | 0 | 2 | 0 | 1 | 0 | 3 | 0.60 |
| 34. | Title: Integrated OR/CP Optimization for Discrete Event Systems with Nonlinear Cost By: Wigstrom, Oskar; Lennartson, Bengt Conference: 52nd IEEE Annual Conference on Decision and Control (CDC) Location: Florence, ITALY Date: DEC 10-13, 2013 Sponsor(s): Honeywell; MathWorks; Springer; Taylor & Francis; Univ Trieste; Elsevier; GE Global Res; Natl Instruments; PendCon; Soc Ind & Appl Math; Wolfram; Journal Franklin Inst; United Technologies Res Ctr; Danieli Automat Source: 2013 IEEE 52ND ANNUAL CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 7627-7633 Published: 2013 | 0 | 0 | 1 | 2 | 0 | 3 | 0.50 |
| 35. | Title: Developing control logic using aspect-oriented programming and sequence planning By: Bengtsson, Kristofer; Lennartson, Bengt; Ljungkrantz, Oscar; et al. Source: CONTROL ENGINEERING PRACTICE Volume: 21 Issue: 1 Pages: 12-22 Published: JAN 2013 | 1 | 1 | 0 | 1 | 0 | 3 | 0.50 |
| 36. | Title: Time-synchronised hardware-in-the-loop simulation - Applied to sheet-metal press line optimisation By: Svensson, Bo; Danielsson, Fredrik; Lennartson, Bengt Source: CONTROL ENGINEERING PRACTICE Volume: 20 Issue: 8 Pages: 792-804 Published: AUG 2012 | 0 | 1 | 0 | 1 | 0 | 3 | 0.43 |
| 37. | Title: Specification of a batch plant using process algebra and petri nets By: Falkman, Petter; Lennartson, Bengt; Tittus, Michael Source: CONTROL ENGINEERING PRACTICE Volume: 17 Issue: 9 Pages: 1004-1015 Published: SEP 2009 | 0 | 0 | 0 | 0 | 0 | 3 | 0.30 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| 38. | Title: Restarting flexible manufacturing systems; Synthesis of restart states By: Andersson, Kristin; Lennartson, Bengt; Fabian, Martin Edited by: Lafortune, S; Lin, F; Tilbury, D Conference: 8th International Workshop on Discrete Event Systems Location: Ann Arbor, MI Date: JUL 10-12, 2006 Sponsor(s): Univ Michigan; Wayne State Univ; US Natl Sci Fdn; IEEE Control Syst Soc; Honeywell; HP Labs; Rockwell Sci; United Technol Res Ctr Source: WODES 2006: EIGHTH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS, PROCEEDINGS Pages: 201-+ Published: 2006 | 0 | 0 | 0 | 0 | 0 | 3 | 0.23 |
| 39. | Title: Modeling and Optimization of Hybrid Systems for the Tweeting Factory By: Lennartson, Bengt; Bengtsson, Kristofer; Wigstrom, Oskar; et al. Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 13 Issue: 1 Pages: 191-205 Published: JAN 2016 | 0 | 0 | 0 | 2 | 0 | 2 | 0.67 |
| 40. | Title: Sustainable and Robust Control of Cyclic Pallet Systems By: Mashaei, Maziar; Lennartson, Bengt Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 10 Issue: 4 Pages: 916-927 Published: OCT 2013 | 1 | 0 | 0 | 1 | 0 | 2 | 0.33 |
| 41. | Title: An efficient algorithm for press line optimisation By: Svensson, Bo; Danielsson, Fredrik; Lennartson, Bengt Source: INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY Volume: 68 Issue: 5-8 Pages: 1627-1638 Published: SEP 2013 | 0 | 1 | 0 | 1 | 0 | 2 | 0.33 |
| 42. | Title: Sustainable Production Automation - Energy Optimization of Robot Cells By: Wigstrom, Oskar; Lennartson, Bengt Conference: IEEE International Conference on Robotics and Automation (ICRA) Location: Karlsruhe, GERMANY Date: MAY 06-10, 2013 Sponsor(s): IEEE Source: 2013 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION (ICRA) Book Series: IEEE International Conference on Robotics and Automation ICRA Pages: 252-257 Published: 2013 | 0 | 0 | 0 | 2 | 0 | 2 | 0.33 |
| 43. | Title: Formal Verification of PLC Controlled Systems Using Sensor Graphs By: Alenljung, Tord; Lennartson, Bengt Conference: IEEE International Conference on Automation Science and Engineering Location: Bangalore, INDIA Date: AUG 22-25, 2009 Sponsor(s): IEEE Source: 2009 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING Book Series: IEEE International Conference on Automation Science and Engineering Pages: 164-170 Published: 2009 | 0 | 0 | 0 | 0 | 0 | 2 | 0.20 |
| 44. | Title: Productivity/energy optimisation of trajectories and coordination for cyclic multi-robot systems By: Glorieux, Emile; Riazi, Sarmad; Lennartson, Bengt Source: ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING Volume: 49 Pages: 152-161 Published: FEB 2018 | 0 | 0 | 0 | 0 | 1 | 1 | 1.00 |
| 45. | Title: Control protocol synthesis for multi-agent systems with similar actions instantiated from agent and requirement templates By: Su, Rong; Lennartson, Bengt | 0 | 0 | 0 | 1 | 0 | 1 | 0.50 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|--|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | Source: AUTOMATICA Volume: 79 Pages: 244-255 Published: MAY 2017 | | | | | | | |
| 46. | Title: Conflict Between Energy, Stability, and Robustness in Production Schedules By: Sundstrom, Nina; Wigstrom, Oskar; Lennartson, Bengt Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 14 Issue: 2 Pages: 658-668 Published: APR 2017 | 0 | 0 | 0 | 1 | 0 | 1 | 0.50 |
| 47. | Title: Towards Energy Optimization using Trajectory Smoothing and Automatic Code Generation for Robotic Assembly By: Gleeson, Daniel; Bjorkenstam, Staffan; Bohlin, Robert; et al. Edited by: Soderberg, R Conference: 6th CIRP Conference on Assembly Technologies and Systems (CATS) Location: Chalmers Univ Technol, Wingquist Lab, Gothenburg, SWEDEN Date: MAY 16-18, 2016 Sponsor(s): CIRP Source: 6TH CIRP CONFERENCE ON ASSEMBLY TECHNOLOGIES AND SYSTEMS (CATS) Book Series: Procedia CIRP Volume: 44 Pages: 341-346 Published: 2016 | 0 | 0 | 0 | 1 | 0 | 1 | 0.33 |
| 48. | Title: Resistance based iterative learning control of additive manufacturing with wire By: Hagqvist, Petter; Heralic, Almir; Christiansson, Anna-Karin; et al. Source: MECHATRONICS Volume: 31 Pages: 116-123 Published: OCT 2015 | 0 | 0 | 0 | 1 | 0 | 1 | 0.25 |
| 49. | Title: Patient coordination in emergency departments using visualization of operation behavior By: Bengtsson, Kristofer; Lennartson, Bengt Conference: IEEE Symposium on Computational Intelligence in Healthcare and e-Health (CICARE) Location: Singapore, SINGAPORE Date: APR 16-19, 2013 Sponsor(s): IEEE; IEEE Computat Intelligence Soc Source: PROCEEDINGS OF THE 2013 IEEE SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE IN HEALTHCARE AND E-HEALTH (CICARE) Pages: 58-63 Published: 2013 | 1 | 0 | 0 | 0 | 0 | 1 | 0.17 |
| 50. | Title: Supervisory Control of Extended Finite Automata Using Transition Projection By: Shoaie, Mohammad Reza; Feng, Lei; Lennartson, Bengt Conference: 51st IEEE Annual Conference on Decision and Control (CDC) Location: HI Date: DEC 10-13, 2012 Sponsor(s): IEEE; Soc Ind & Appl Math; Inst Operat Res Management Sci; Japanese Soc Instrument & Control Engineers; European Union Control Assoc; Int Federat Automat Control; Elsevier; GE Global Res; MathWorks; Springer; Univ Hawaii Manoa, Coll Engr; Univ Texas Dallas; Journal Franklin Inst, Engr & Appl Math; Taylor & Francis Grp; Visual Solut; Wolfram Res Source: 2012 IEEE 51ST ANNUAL CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 7259-7266 Published: 2012 | 0 | 1 | 0 | 0 | 0 | 1 | 0.14 |
| 51. | Title: OBJECT-ORIENTED MODELING OF INDUSTRIAL MANIPULATORS WITH APPLICATION TO ENERGY OPTIMAL TRAJECTORY SCALING By: Pellicciari, Marcello; Berselli, Giovanni; Leali, Francesco; et al. Conference: ASME Internationl Design Engineering Technical Conferences / Computers and Information in Engineering Conference (IDETC/CIE) Location: Washington, DC Date: AUG 28-31, 2011 Sponsor(s): Amer Soc Mech Engineers, Design Engr Div; Amer Soc Mech Engineers, Comp & Informat Engr Div Source: PROCEEDINGS OF THE ASME INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCES AND | 0 | 0 | 0 | 1 | 0 | 1 | 0.14 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE, 2011, VOL 5, PTS A AND B Pages: 997-1006 Published: 2012 | | | | | | | |
| 52. | Title: Off-line optimisation of complex automated production lines - Applied on a sheet-metal press line By: Svensson, Bo; Danielsson, Fredrik; Lennartson, Bengt Conference: IEEE International Symposium on Assembly and Manufacturing Location: Ann Arbor, MI Date: JUL 22-25, 2007 Sponsor(s): IEEE Source: 2007 IEEE INTERNATIONAL SYMPOSIUM ON ASSEMBLY AND MANUFACTURING Pages: 82-+ Published: 2007 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 |
| 53. | Title: A new camera model and algorithms for higher accuracy and better convergence in vision-based pose calculations By: Ryberg, Anders; Christiansson, A-K; Eriksson, K.; et al. Conference: IEEE International Conference on Mechatronics and Automation Location: Henan Univ Sci & Technol, Luoyang, PEOPLES R CHINA Date: JUN 25-28, 2006 Sponsor(s): IEEE Robot & Automat Soc; Shandong Univ; Harbin Engn Univ; Univ Elect Sci & Technol China; IEEE Hong Kong Sect Joint RACS Chapter; Robot Soc Japan; Japan Soc Mech Engineers; Japan Soc Precis Engn; Chinese Univ Hong Kong; Chiba Inst Technol; Kagawa Univ Source: IEEE ICMA 2006: PROCEEDING OF THE 2006 IEEE INTERNATIONAL CONFERENCE ON MECHATRONICS AND AUTOMATION, VOLS 1-3, PROCEEDINGS Pages: 194-+ Published: 2006 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 |
| 54. | Title: Efficient analysis of large Discrete-Event Systems with binary decision diagrams By: Vahidi, Arash; Lennartson, Bengt; Fabian, Martin Conference: 44th IEEE Conference on Decision Control/European Control Conference (CCD-ECC) Location: Seville, SPAIN Date: DEC 12-15, 2005 Sponsor(s): IEEE Control Syst Soc; European Union Control Assoc; IFAC; INFORMS; SIAM; SICE; Honeywell; MathWorks Source: 2005 44th IEEE Conference on Decision and Control & European Control Conference, Vols 1-8 Book Series: IEEE CONFERENCE ON DECISION AND CONTROL - PROCEEDINGS Pages: 2751-2756 Published: 2005 | 0 | 1 | 0 | 0 | 0 | 1 | 0.07 |
| 55. | Title: Constructive cooperative coevolution for large-scale global optimisation By: Glorieux, Emile; Svensson, Bo; Danielsson, Fredrik; et al. Source: JOURNAL OF HEURISTICS Volume: 23 Issue: 6 Pages: 449-469 Published: DEC 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 56. | Title: Guest Editorial Special Section on the 2015 International Conference on Automation Science and Engineering By: Fabian, Martin; Lennartson, Bengt; Akesson, Knut Source: IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING Volume: 14 Issue: 2 Pages: 692-693 Published: APR 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 57. | Title: Conflict between Energy, Stability and Robustness in Production Schedules By: Sundstrom, Nina; Wigstrom, Oskar; Lennartson, Bengt Conference: 13th IEEE Conference on Automation Science and Engineering (IEEE CASE) Location: Xian, PEOPLES R CHINA Date: AUG 20-23, 2017 Sponsor(s): IEEE Source: 2017 13TH IEEE CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

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|-----|--|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | International Conference on Automation Science and Engineering Pages: 86-86 Published: 2017 | | | | | | | |
| 58. | Title: Computationally efficient energy optimization of multiple robots By: Wigstrom, Oskar; Murgovski, Nikolce; Riazi, Sarmad; et al. Conference: 13th IEEE Conference on Automation Science and Engineering (IEEE CASE) Location: Xian, PEOPLES R CHINA Date: AUG 20-23, 2017 Sponsor(s): IEEE Source: 2017 13TH IEEE CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 515-522 Published: 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 59. | Title: From Trapezoid to Polynomial: Next-generation Energy-efficient Robot Trajectories By: Riazi, Sarmad; Bengtsson, Kristofer; Lennartson, Bengt Conference: 13th IEEE Conference on Automation Science and Engineering (IEEE CASE) Location: Xian, PEOPLES R CHINA Date: AUG 20-23, 2017 Sponsor(s): IEEE Source: 2017 13TH IEEE CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 1191-1195 Published: 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 60. | Title: Energy and Peak-power Optimization of Time-bounded Robot Trajectories By: Riazi, Sarmad; Wigstrom, Oskar; Bengtsson, Kristofer; et al. Conference: 13th IEEE Conference on Automation Science and Engineering (IEEE CASE) Location: Xian, PEOPLES R CHINA Date: AUG 20-23, 2017 Sponsor(s): IEEE Source: 2017 13TH IEEE CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 1301-1301 Published: 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 61. | Title: Decomposition and Distributed Algorithms for Home Healthcare Routing and Scheduling Problem By: Riazi, Sarmad; Wigstrom, Oskar; Bengtsson, Kristofer; et al. Conference: 22nd IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: Limassol, CYPRUS Date: SEP 12-15, 2017 Sponsor(s): IEEE; ABB; ies; Univ Cyprus; Dept Elect Comp Engr Source: 2017 22ND IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2017 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 62. | Title: Comparing MILP, CP, and A* for Multiple Stacker Crane Scheduling By: Hagebring, Fredrik; Wigstrom, Oskar; Lennartson, Bengt; et al. Edited by: Cassandras, CG; Giua, A; Li, ZW Conference: 13th International Workshop on Discrete Event Systems (WODES) Location: Xian, PEOPLES R CHINA Date: MAY 30-JUN 01, 2016 Sponsor(s): IEEE; Xidian Univ; Sch Electromech Engr Xidian Univ; Syst Control & Automat Grp Xidian Univ; IEEE SMC Xian Chapter; Univ Cagliari; Lab Sci Informat & Syst Aix Marseille Univ Source: 2016 13TH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS (WODES) Book Series: International Workshop on Discrete Event Systems Pages: 63-70 Published: 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 63. | Title: Rescheduling Affected Operations - a Purely Predictive Approach | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|--|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | By: Sundstrom, Nina; Lennartson, Bengt Edited by: Cassandras, CG; Giua, A; Li, ZW Conference: 13th International Workshop on Discrete Event Systems (WODES) Location: Xian, PEOPLES R CHINA Date: MAY 30-JUN 01, 2016 Sponsor(s): IEEE; Xidian Univ; Sch Electromech Engn Xidian Univ; Syst Control & Automat Grp Xidian Univ; IEEE SMC Xian Chapter; Univ Cagliari; Lab Sci Informat & Syst Aix Marseille Univ Source: 2016 13TH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS (WODES) Book Series: International Workshop on Discrete Event Systems Pages: 71-78 Published: 2016 | | | | | | | |
| 64. | Title: Diagnosability Verification Using Compositional Branching Bisimulation By: Noori-Hosseini, Mona; Lennartson, Bengt Edited by: Cassandras, CG; Giua, A; Li, ZW Conference: 13th International Workshop on Discrete Event Systems (WODES) Location: Xian, PEOPLES R CHINA Date: MAY 30-JUN 01, 2016 Sponsor(s): IEEE; Xidian Univ; Sch Electromech Engn Xidian Univ; Syst Control & Automat Grp Xidian Univ; IEEE SMC Xian Chapter; Univ Cagliari; Lab Sci Informat & Syst Aix Marseille Univ Source: 2016 13TH INTERNATIONAL WORKSHOP ON DISCRETE EVENT SYSTEMS (WODES) Book Series: International Workshop on Discrete Event Systems Pages: 245-250 Published: 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 65. | Title: Enhancing digital human motion planning of assembly tasks through dynamics and optimal control By: Bjorkenstam, Staffan; Delfs, Niclas; Carlson, Johan S.; et al. Edited by: Soderberg, R Conference: 6th CIRP Conference on Assembly Technologies and Systems (CATS) Location: Chalmers Univ Technol, Wingquist Lab, Gothenburg, SWEDEN Date: MAY 16-18, 2016 Sponsor(s): CIRP Source: 6TH CIRP CONFERENCE ON ASSEMBLY TECHNOLOGIES AND SYSTEMS (CATS) Book Series: Procedia CIRP Volume: 44 Pages: 20-25 Published: 2016 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 66. | Title: Symbolic Supervisory Control of Timed Discrete Event Systems By: Miremadi, Sajed; Fei, Zhennan; Akesson, Knut; et al. Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 23 Issue: 2 Pages: 584-597 Published: MAR 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 67. | Title: Model based feedback control of gas tungsten arc welding - An experimental study By: Sikstrom, Fredrik; Christiansson, Anna-Karin; Lennartson, Bengt Conference: IEEE International Conference on Automation Science and Engineering (CASE) Location: Gothenburg, SWEDEN Date: AUG 24-28, 2015 Sponsor(s): IEEE; IEEE Robotics & Automation Society; ABB; Chalmers; Wingquist Laboratory; City of Gothenburg; Cognibotics; Kuka; Volvo; AREUS; Information and communication technology Source: 2015 INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 411-416 Published: 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 68. | Title: Optimizing Robot Trajectories for Automatic Robot Code Generation By: Gleeson, Daniel; Bjorkenstam, Staffan; Bohlin, Robert; et al. Conference: IEEE International Conference on Automation Science | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | and Engineering (CASE) Location: Gothenburg, SWEDEN Date: AUG 24-28, 2015 Sponsor(s): IEEE; IEEE Robotics & Automation Society; ABB; Chalmers; Wingquist Laboratory; City of Gothenburg; Cognibotics; Kuka; Volvo; AREUS; Information and communication technology Source: 2015 INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 495-500 Published: 2015 | | | | | | | |
| 69. | Title: Exploiting Sparsity in the Discrete Mechanics and Optimal Control Method with Application to Human Motion Planning By: Bjorkenstam, Staffan; Carlson, Johan S.; Lennartson, Bengt Conference: IEEE International Conference on Automation Science and Engineering (CASE) Location: Gothenburg, SWEDEN Date: AUG 24-28, 2015 Sponsor(s): IEEE; IEEE Robotics & Automation Society; ABB; Chalmers; Wingquist Laboratory; City of Gothenburg; Cognibotics; Kuka; Volvo; AREUS; Information and communication technology Source: 2015 INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 769-774 Published: 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 70. | Title: Optimization of Hybrid Petri Nets with Shared Variables By: Lennartson, Bengt; Bengtsson, Kristofer; Wigstrom, Oskar Conference: IEEE International Conference on Automation Science and Engineering (CASE) Location: Gothenburg, SWEDEN Date: AUG 24-28, 2015 Sponsor(s): IEEE; IEEE Robotics & Automation Society; ABB; Chalmers; Wingquist Laboratory; City of Gothenburg; Cognibotics; Kuka; Volvo; AREUS; Information and communication technology Source: 2015 INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING (CASE) Book Series: IEEE International Conference on Automation Science and Engineering Pages: 1395-1396 Published: 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 71. | Title: From time-optimal schedule to robust event-based control By: Sundstrom, Nina; Lennartson, Bengt Conference: 20th IEEE Conference on Emerging Technologies and Factory Automation (ETFA) Location: Univ Luxembourg, Interdisciplinary Ctr Secur Reliabil & Trust, LUXEMBOURG Date: SEP 08-11, 2015 Sponsor(s): IEEE; IEEE Ind Elect Soc Source: PROCEEDINGS OF 2015 IEEE 20TH CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 72. | Title: Patient coordination in emergency departments using an event-based information architecture By: Bengtsson, Kristofer; Lennartson, Bengt Conference: 19th IEEE International Conference on Emerging Technology and Factory Automation (ETFA) Location: Barcelona, SPAIN Date: SEP 16-19, 2014 Sponsor(s): Univ Politecnica Catalunya; IEEE Ind Elect Soc; IEEE Source: 2014 IEEE EMERGING TECHNOLOGY AND FACTORY AUTOMATION (ETFA) Published: 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 73. | Title: Optimal Performance of Modular and Synchronized Mechatronic Systems By: Kanthabhabhajeya, Sathyamyla; Lennartson, Bengt Conference: 19th IEEE International Conference on Emerging Technology and Factory Automation (ETFA) Location: Barcelona, SPAIN Date: SEP 16-19, 2014 Sponsor(s): Univ Politecnica | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | Catalunya; IEEE Ind Elect Soc; IEEE Source: 2014 IEEE EMERGING TECHNOLOGY AND FACTORY AUTOMATION (ETFA) Published: 2014 | | | | | | | |
| 74. | Title: Verification of Diagnosability Based on Compositional Branching Bisimulation By: Noori-Hosseini, Mona; Lennartson, Bengt Conference: 19th IEEE International Conference on Emerging Technology and Factory Automation (ETFA) Location: Barcelona, SPAIN Date: SEP 16-19, 2014 Sponsor(s): Univ Politecnica Catalunya; IEEE Ind Elect Soc; IEEE Source: 2014 IEEE EMERGING TECHNOLOGY AND FACTORY AUTOMATION (ETFA) Published: 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 75. | Title: Optimal Anti-Aliasing Filter based on Multi Criteria Sampled-Data H-infinity Control By: Lennartson, Bengt; Middleton, Richard Conference: 53rd IEEE Annual Conference on Decision and Control (CDC) Location: Los Angeles, CA Date: DEC 15-17, 2014 Sponsor(s): IEEE; MathWorks; Springer; Altair; dSPACE; Journal Franklin Inst; Soc Ind & Appl Math; United Technologies Res Ctr; Wolfram; EBSCO Informat Serv; Inst Engn & Technol; Now; Taylor & Francis; Cogent Engn Source: 2014 IEEE 53RD ANNUAL CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 4348-4354 Published: 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 76. | Title: Towards Integrated OR/CP Energy Optimization for Robot Cells By: Wigstrom, Oskar; Lennartson, Bengt Conference: IEEE International Conference on Robotics and Automation (ICRA) Location: Hong Kong, PEOPLES R CHINA Date: MAY 31-JUN 07, 2014 Sponsor(s): IEEE Source: 2014 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION (ICRA) Book Series: IEEE International Conference on Robotics and Automation ICRA Pages: 1674-1680 Published: 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 77. | Title: Model order reduction methods applied to a welding model By: Sikstrom, Fredrik; Christiansson, Anna-Karin; Lennartson, Bengt Source: PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING Volume: 226 Issue: I7 Pages: 972-984 Published: AUG 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 78. | Title: Numerical Sensitivity of Linear Matrix Inequalities for Shorter Sampling Periods By: Lennartson, Bengt; Middleton, Richard Conference: 51st IEEE Annual Conference on Decision and Control (CDC) Location: HI Date: DEC 10-13, 2012 Sponsor(s): IEEE; Soc Ind & Appl Math; Inst Operat Res Management Sci; Japanese Soc Instrument & Control Engineers; European Union Control Assoc; Int Federat Automat Control; Elsevier; GE Global Res; MathWorks; Springer; Univ Hawaii Manoa, Coll Engn; Univ Texas Dallas; Journal Franklin Inst, Engn & Appl Math; Taylor & Francis Grp; Visual Solut; Wolfram Res Source: 2012 IEEE 51ST ANNUAL CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 4247-4252 Published: 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 79. | Title: State-Vector Transition Model Applied to Supervisory Control By: Lennartson, Bengt; Miremadi, Sajed; Fei, Zhennan; et al. Conference: 17th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: AGH Univ | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
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| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | Sci & Technol, Krakow, POLAND Date: SEP 17-21, 2012 Sponsor(s): IEEE; IEEE Ind Elect Soc; ABB Source: 2012 IEEE 17TH CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2012 | | | | | | | |
| 80. | Title: A Universal Framework for Lean Design and Control of Automated Material Handling Systems By: Mashaei, Maziar; Lennartson, Bengt Conference: 17th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: AGH Univ Sci & Technol, Krakow, POLAND Date: SEP 17-21, 2012 Sponsor(s): IEEE; IEEE Ind Elect Soc; ABB Source: 2012 IEEE 17TH CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 81. | Title: Efficient geometrical simulation and virtual commissioning performed in stamping By: Nia, Nima Khansari; Danielsson, Fredrik; Lennartson, Bengt Conference: 17th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: AGH Univ Sci & Technol, Krakow, POLAND Date: SEP 17-21, 2012 Sponsor(s): IEEE; IEEE Ind Elect Soc; ABB Source: 2012 IEEE 17TH CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 82. | Title: Planning in assembly systems - A common modeling for products and resources By: Provost, Julien; Lennartson, Bengt; Fabian, Martin; et al. Conference: 17th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: AGH Univ Sci & Technol, Krakow, POLAND Date: SEP 17-21, 2012 Sponsor(s): IEEE; IEEE Ind Elect Soc; ABB Source: 2012 IEEE 17TH CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2012 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 83. | Title: Reduced-Order Synthesis of Operation Sequences By: Shoaie, Mohammad Reza; Miremadi, Sajed; Bengtsson, Kristofer; et al. Edited by: Mammeri, Z Conference: 16th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: Toulouse, FRANCE Date: SEP 05-09, 2011 Sponsor(s): IEEE; IEEE Ind Elect Soc (IES); Univ Toulouse Source: 2011 IEEE 16TH CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 84. | Title: Sheet-Metal Press Line Parameter Tuning using a Combined DIRECT and Nelder-Mead Algorithm By: Svensson, Bo; Nia, Nima K.; Danielsson, Fredrik; et al. Edited by: Mammeri, Z Conference: 16th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: Toulouse, FRANCE Date: SEP 05-09, 2011 Sponsor(s): IEEE; IEEE Ind Elect Soc (IES); Univ Toulouse | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
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| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | Source: 2011 IEEE 16TH CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2011 | | | | | | | |
| 85. | Title: Special Issue on WODES'08 By: Lennartson, Bengt; Fabian, Martin; Giua, Alessandro; et al. Source: DISCRETE EVENT DYNAMIC SYSTEMS-THEORY AND APPLICATIONS Volume: 19 Issue: 4 Pages: 449-450 Published: DEC 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 86. | Title: Optimal Number of Pallets for Reconfigurable Cyclic Manufacturing Plants By: Mashaei, Maziar; Lennartson, Bengt; Sannehed, Fredrik; et al. Conference: 14th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: Univ Balear Isl, Mallorca, SPAIN Date: SEP 22-25, 2009 Sponsor(s): IEEE; IEEE Ind Elect Soc; Tech Univ Catalonia; Gobierno Espana, Ministerio Ciencia & Innovac; Univ Empresa, Dept Innovacio, Generalitat Catalunya; Red Electrica Espana; GESA ENDESA; TIRME; IEEE Transact Ind Informat Source: 2009 IEEE CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (EFTA 2009) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 87. | Title: Simulation Based Optimization of a Sheet-Metal Press Line By: Svensson, Bo; Danielsson, Fredrik; Lennartson, Bengt Conference: 14th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) Location: Univ Balear Isl, Mallorca, SPAIN Date: SEP 22-25, 2009 Sponsor(s): IEEE; IEEE Ind Elect Soc; Tech Univ Catalonia; Gobierno Espana, Ministerio Ciencia & Innovac; Univ Empresa, Dept Innovacio, Generalitat Catalunya; Red Electrica Espana; GESA ENDESA; TIRME; IEEE Transact Ind Informat Source: 2009 IEEE CONFERENCE ON EMERGING TECHNOLOGIES & FACTORY AUTOMATION (EFTA 2009) Book Series: IEEE International Conference on Emerging Technologies and Factory Automation-ETFA Published: 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 88. | Title: Operation-Oriented Specification for Integrated Control Logic Development By: Bengtsson, Kristofer; Lennartson, Bengt; Yuan, Chengyin; et al. Conference: IEEE International Conference on Automation Science and Engineering Location: Bangalore, INDIA Date: AUG 22-25, 2009 Sponsor(s): IEEE Source: 2009 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING Book Series: IEEE International Conference on Automation Science and Engineering Pages: 183-+ Published: 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 89. | Title: Generation of Restart States for Manufacturing Systems with Discarded Workpieces By: Andersson, Kristin; Lennartson, Bengt; Falkman, Petter; et al. Conference: IEEE International Conference on Automation Science and Engineering Location: Bangalore, INDIA Date: AUG 22-25, 2009 Sponsor(s): IEEE Source: 2009 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING Book Series: IEEE International Conference on Automation Science and Engineering Pages: 191-196 Published: 2009 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 90. | Title: Specification of production systems using PPN and sequential operation charts | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | By: Falkman, Petter; Lennartson, Bengt; Andersson, Kristin Conference: IEEE International Conference on Automation Science and Engineering Location: Scottsdale, AZ Date: SEP 22-25, 2007 Sponsor(s): IEEE Source: 2007 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING, VOLS 1-3 Book Series: IEEE International Conference on Automation Science and Engineering Pages: 120-125 Published: 2007 | | | | | | | |
| 91. | Title: PLC-based implementation of process observation and fault detection for discrete event systems By: Alenljung, Tord; Skoldstam, Markus; Lennartson, Bengt; et al. Conference: IEEE International Conference on Automation Science and Engineering Location: Scottsdale, AZ Date: SEP 22-25, 2007 Sponsor(s): IEEE Source: 2007 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING, VOLS 1-3 Book Series: IEEE International Conference on Automation Science and Engineering Pages: 514-519 Published: 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 92. | Title: Simulation for design of automated welding By: Sikstrom, Fredrik; Christiansson, Anna-Karin; Lennartson, Bengt Conference: International Conference on Computer as a Tool (EUROCON 2007) Location: Warsaw, POLAND Date: SEP 09-12, 2007 Source: EUROCON 2007: THE INTERNATIONAL CONFERENCE ON COMPUTER AS A TOOL, VOLS 1-6 Pages: 1073-1080 Published: 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 93. | Title: Automation of robotized laser metal-wire deposition By: Heralic, Almir; Christiansson, Anna-Karin; Ottosson, Mattias; et al. Edited by: Rabbath, CA Conference: 9th IASTED International Conference on Control and Applications Location: Montreal, CANADA Date: MAY 30-JUN 01, 2007 Sponsor(s): Int Assoc Sci & Technol Dev; QUANSER Source: NINTH IASTED INTERNATIONAL CONFERENCE ON CONTROL AND APPLICATIONS Pages: 80-+ Published: 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 94. | Title: Simulated feedback control of metal fusion welding By: Sikstrom, Fredrik; Christiansson, Anna-Karin; Lennartson, Bengt Edited by: Rabbath, CA Conference: 9th IASTED International Conference on Control and Applications Location: Montreal, CANADA Date: MAY 30-JUN 01, 2007 Sponsor(s): Int Assoc Sci & Technol Dev; QUANSER Source: NINTH IASTED INTERNATIONAL CONFERENCE ON CONTROL AND APPLICATIONS Pages: 104-+ Published: 2007 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 95. | Title: Synthesis of hierarchical and distributed control functions for multi-product manufacturing cells By: Andersson, Kristin; Richardsson, Johan; Lennartson, Bengt; et al. Conference: IEEE International Conference on Automation Science and Engineering Location: Shanghai, PEOPLES R CHINA Date: OCT 08-10, 2006 Sponsor(s): IEEE Source: 2006 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING, VOLS 1 AND 2 Book Series: IEEE International Conference on Automation Science and Engineering Pages: 325-+ Published: 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 96. | Title: Semantics of sensor activation graphs By: Alenljung, Tord; Lennartson, Bengt Conference: IEEE International Conference on Automation Science and Engineering Location: Shanghai, PEOPLES R CHINA Date: | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |

| | | 2014 | 2015 | 2016 | 2017 | 2018 | Total | Average Citations per Year |
|-----|---|------|------|------|------|------|-------|----------------------------|
| | | 77 | 64 | 68 | 132 | 31 | 472 | 39.33 |
| | OCT 08-10, 2006 Sponsor(s): IEEE Source: 2006 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION SCIENCE AND ENGINEERING, VOLS 1 AND 2 Book Series: IEEE International Conference on Automation Science and Engineering Pages: 419-+ Published: 2006 | | | | | | | |
| 97. | Title: A new camera model for higher accuracy pose calculations By: Ryberg, Anders; Christiansson, A-K; Eriksson, K.; et al. Edited by: Lavoie, M; AlHaddad, K; Lagace, PJ Conference: IEEE International Symposium on Industrial Electronics Location: Montreal, CANADA Date: JUL 09-13, 2006 Sponsor(s): IEEE Ind Elect Soc; ABB Canada; Ecol Technol Superieure Source: 2006 IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS, VOLS 1-7 Pages: 2798-+ Published: 2006 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |