

Igor Å krjanc

List of Publications by Year in descending order

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180
papers

4,259
citations

101543

36
h-index

149698

56
g-index

184
all docs

184
docs citations

184
times ranked

2539
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-Driven Modelling and Optimization of Energy Consumption in EAF. Metals, 2022, 12, 816.	2.3	8
2	Evolving clustering algorithm based on average cluster distance - eCAD. , 2022, , .		0
3	Evolving Gaussian on-line clustering in social network analysis. Expert Systems With Applications, 2022, 207, 117881.	7.6	3
4	Drivable Path Planning Using Hybrid Search Algorithm Based on E* and Bernsteinâ€“BÃ©zier Motion Primitives. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4868-4882.	9.3	13
5	Nonlinear modeling and robust LMI fuzzy control of overhead crane systems. Journal of the Franklin Institute, 2021, 358, 1376-1402.	3.4	40
6	An Automated Indoor Localization System for Online Bluetooth Signal Strength Modeling Using Visual-Inertial SLAM. Sensors, 2021, 21, 2857.	3.8	16
7	eGauss+ evolving clustering in classification. , 2021, , .		0
8	Obstacle Avoidance for Line-Following AGV with Local Maps. , 2021, , .		2
9	Depth-Image Segmentation Based on Evolving Principles for 3D Sensing of Structured Indoor Environments. Sensors, 2021, 21, 4395.	3.8	0
10	The Influence of Electric-Arc-Furnace Input Feeds on its Electrical Energy Consumption. Journal of Sustainable Metallurgy, 2021, 7, 1013-1026.	2.3	9
11	Online bagging of evolving fuzzy systems. Information Sciences, 2021, 570, 16-33.	6.9	17
12	An evolving concept in the identification of an interval fuzzy model of Wiener-Hammerstein nonlinear dynamic systems. Information Sciences, 2021, 581, 73-87.	6.9	12
13	Soft sensor of bath temperature in an electric arc furnace based on a data-driven Takagiâ€“Sugeno fuzzy model. Applied Soft Computing Journal, 2021, 113, 107949.	7.2	13
14	Cascade affine constant recursive algorithm for model-based control. IFAC-PapersOnLine, 2021, 54, 299-302.	0.9	0
15	Segmentation of Stereo-Camera Depth Image into Planar Regions based on Evolving Principal Component Clustering. , 2021, , .		0
16	Evolving Fuzzy Model Identification of Nonlinear Wiener-Hammerstein Processes. IEEE Access, 2021, 9, 158470-158480.	4.2	9
17	Incremental Fuzzy C-Regression Clustering From Streaming Data for Local-Model-Network Identification. IEEE Transactions on Fuzzy Systems, 2020, 28, 758-767.	9.8	29
18	Optimal Rule-Based Granular Systems From Data Streams. IEEE Transactions on Fuzzy Systems, 2020, 28, 583-596.	9.8	32

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19	Automated vehicle driveaway with a manual dry clutch on chassis dynamometers: Efficient identification and decoupling control. ISA Transactions, 2020, 98, 237-250.	5.7	4
20	Incremental Missing-Data Imputation for Evolving Fuzzy Granular Prediction. IEEE Transactions on Fuzzy Systems, 2020, 28, 2348-2362.	9.8	40
21	Fuzzy Space Partitioning Based on Hyperplanes Defined by Eigenvectors for Takagi-Sugeno Fuzzy Model Identification. IEEE Transactions on Industrial Electronics, 2020, 67, 5144-5153.	7.9	18
22	Cluster-Volume-Based Merging Approach for Incrementally Evolving Fuzzy Gaussian Clustering. IEEE Transactions on Fuzzy Systems, 2020, 28, 2222-2231.	9.8	25
23	Computation of continuous sequential reference paths from discrete optimal paths for mobile robots. , 2020, , .		0
24	Fuzzy Interval Modelling based on Joint Supervision. , 2020, , .		2
25	Hybrid System Identification by Incremental Fuzzy C-regression Clustering. , 2020, , .		3
26	An overview on evolving systems and learning from stream data. Evolving Systems, 2020, 11, 181-198.	3.9	39
27	Fault detection in smart grids with time-varying distributed generation using wavelet energy and evolving neural networks. Evolving Systems, 2020, 11, 165-180.	3.9	11
28	Cyber-physical modelling in Modelica with model-reduction techniques. Journal of Systems and Software, 2020, 163, 110517.	4.5	5
29	Detection of driver maneuvers using evolving fuzzy cloud-based system. , 2020, , .		3
30	Confidence-Interval-Fuzzy-Model-Based Indoor Localization. IEEE Transactions on Industrial Electronics, 2019, 66, 2015-2024.	7.9	27
31	Ensemble of evolving optimal granular experts, OWA aggregation, and time series prediction. Information Sciences, 2019, 504, 95-112.	6.9	26
32	Evolvable fuzzy systems from data streams with missing values: With application to temporal pattern recognition and cryptocurrency prediction. Pattern Recognition Letters, 2019, 128, 278-282.	4.2	16
33	Evolving fuzzy and neuro-fuzzy approaches in clustering, regression, identification, and classification: A Survey. Information Sciences, 2019, 490, 344-368.	6.9	203
34	Multiobjective Optimization of Fully Autonomous Evolving Fuzzy Granular Models. , 2019, , .		1
35	Nonlinear Fuzzy State-Space Modeling and LMI Fuzzy Control of Overhead Cranes. , 2019, , .		5
36	Optimization of the Electric Arc Furnace Process. IEEE Transactions on Industrial Electronics, 2019, 66, 8030-8039.	7.9	27

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37	Realization-preserving model reduction of object-oriented models using energy-based metrics. Simulation, 2019, 95, 607-620.	1.8	0
38	Inner matrix norms in evolving Cauchy possibilistic clustering for classification and regression from data streams. Information Sciences, 2019, 478, 540-563.	6.9	19
39	Short-Term Load Forecasting by Separating Daily Profiles and Using a Single Fuzzy Model Across the Entire Domain. IEEE Transactions on Industrial Electronics, 2018, 65, 7406-7415.	7.9	70
40	EAF Heat Recovery from Incident Radiation on Water-Cooled Panels Using a Thermophotovoltaic System: A Conceptual Study. Steel Research International, 2018, 89, 1700446.	1.8	5
41	Large-scale cyber attacks monitoring using Evolving Cauchy Possibilistic Clustering. Applied Soft Computing Journal, 2018, 62, 592-601.	7.2	25
42	Incremental Rule Splitting in Generalized Evolving Fuzzy Systems for Autonomous Drift Compensation. IEEE Transactions on Fuzzy Systems, 2018, 26, 1854-1865.	9.8	67
43	Design of fuzzy robust control strategies for a distributed solar collector field. Applied Soft Computing Journal, 2018, 71, 1009-1019.	7.2	16
44	Evolving model identification for process monitoring and prediction of non-linear systems. Engineering Applications of Artificial Intelligence, 2018, 68, 214-221.	8.1	31
45	Evolving cloud-based system for the recognition of drivers' actions. Expert Systems With Applications, 2018, 99, 231-238.	7.6	28
46	Partial cloud-based evolving method for fault detection of HVAC system. , 2018, , .		1
47	Fault detection through evolving fuzzy cloud-based model - Presented work has been co-financed by Ministry of Education, Science and Sport of Republic of Slovenia in the frame of GOSTOP programme, operation no. C3330-16-529000.. IFAC-PapersOnLine, 2018, 51, 795-800.	0.9	4
48	Comparison of Novel Approaches to the Predictive Control of a DC-DC Boost Converter, Based on Heuristics. Energies, 2018, 11, 3300.	3.1	4
49	Indoor RSSI-based Localization using Fuzzy Path Loss Models. , 2018, , .		2
50	Editorial: Special issue on Advanced Soft Computing for Prognostic Health Management. Applied Soft Computing Journal, 2018, 72, 552-554.	7.2	0
51	Robust evolving controller for simulated surge tank and for real two-tank plant. Automatisierungstechnik, 2018, 66, 725-734.	0.8	8
52	Initial study on evolving state space neural networks (eSSNN). , 2018, , .		0
53	Optimum Velocity Profile of Multiple Bernstein-Chebyshev Curves Subject to Constraints for Mobile Robots. ACM Transactions on Intelligent Systems and Technology, 2018, 9, 1-23.	4.5	14
54	Modular Serial Flow Through device for pulsed electric field treatment of the liquid samples. Scientific Reports, 2017, 7, 8115.	3.3	22

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55	Efficient Time-To-Collision Estimation for a Braking Supervision System with LIDAR. , 2017, , .		13
56	Robust Evolving Cloud-based Controller (RECCo). , 2017, , .		3
57	Comprehensive Electric Arc Furnace Model for Simulation Purposes and Model-Based Control. Steel Research International, 2017, 88, 1600083.	1.8	23
58	Fuzzy model predictive control of a DC-DC boost converter based on non-linear model identification. Mathematical and Computer Modelling of Dynamical Systems, 2017, 23, 116-134.	2.2	5
59	A comparison of continuous and discrete tracking-error model-based predictive control for mobile robots. Robotics and Autonomous Systems, 2017, 87, 177-187.	5.1	14
60	Bluetooth localization based on fuzzy models and particle swarm optimization. , 2017, , .		2
61	Evolving cauchy possibilistic clustering and its application to large-scale cyberattack monitoring. , 2017, , .		4
62	Additional Slag Doors for Increased EAF Efficiency: A Conceptual Study. ISIJ International, 2017, 57, 1394-1399.	1.4	1
63	Modelling and Simulation of the Melting Process in Electric Arc Furnacesâ€™Influence of Numerical Solution Methods. Steel Research International, 2016, 87, 581-588.	1.8	8
64	A practical implementation of Robust Evolving Cloud-based Controller with normalized data space for heat-exchanger plant. Applied Soft Computing Journal, 2016, 48, 29-38.	7.2	41
65	Robust evolving cloud-based control for the distributed solar collector field. , 2016, , .		4
66	Automated generation of feedforward control using feedback linearization of local model networks. Engineering Applications of Artificial Intelligence, 2016, 50, 320-330.	8.1	5
67	On-line Evolving Cloud-based Model Identification for Production Control. IFAC-PapersOnLine, 2016, 49, 79-84.	0.9	17
68	Evolving fuzzy model based performance identification for production control. , 2016, , .		3
69	A Computational Model for Heat Transfer Coefficient Estimation in Electric Arc Furnace. Steel Research International, 2016, 87, 330-338.	1.8	15
70	Interval-model-based global optimization framework for robust stability and performance of PID controllers. Applied Soft Computing Journal, 2016, 40, 526-543.	7.2	18
71	Two Degrees of Freedom in the Control of a DC-DC Boost Converter, Fuzzy Identified Explicit Model in Feed-forward Line. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 82, 479-493.	3.4	3
72	Influence of sample period variation to MPC trajectory tracking of mobile robot. IFAC-PapersOnLine, 2015, 48, 669-670.	0.9	1

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73	Comparison of Approaches for Identification of All-data Cloud-based Evolving Systems. IFAC-PapersOnLine, 2015, 48, 129-134.	0.9	10
74	Low Computational-complexity Model of EAF Arc-heat Distribution. ISIJ International, 2015, 55, 1353-1360.	1.4	19
75	Fusion of visual odometry and inertial navigation system on a smartphone. Computers in Industry, 2015, 74, 119-134.	9.9	22
76	Possible use of evolving c-regression clustering for energy consumption profiles classification. , 2015, , .		4
77	Analysis of adaptation law of the robust evolving cloud-based controller. , 2015, , .		12
78	Robust Evolving Cloud-based Controller in normalized data space for heat-exchanger plant. , 2015, , .		12
79	The Detection Rate of Enteric Viruses and Clostridium difficile in a Waste Water Treatment Plant Effluent. Food and Environmental Virology, 2015, 7, 164-172.	3.4	31
80	Evolving principal component clustering with a low run-time complexity for LRF data mapping. Applied Soft Computing Journal, 2015, 35, 349-358.	7.2	27
81	A Robust Evolving Cloud-Based Controller. , 2015, , 1435-1449.		8
82	Implementation of an Evolving Fuzzy Model (eFuMo) in a Monitoring System for a Waste-Water Treatment Process. IEEE Transactions on Fuzzy Systems, 2015, 23, 1761-1776.	9.8	110
83	Evolving Fuzzy-Model-Based Design of Experiments With Supervised Hierarchical Clustering. IEEE Transactions on Fuzzy Systems, 2015, 23, 861-871.	9.8	43
84	Evolving Gustafson-kessel Possibilistic c-Means Clustering. Procedia Computer Science, 2015, 53, 191-198.	2.0	21
85	Modelling and Internal Fuzzy Model Power Control of a Francis Water Turbine. Energies, 2014, 7, 874-889.	3.1	39
86	Cloud-based identification of an evolving system with supervisory mechanisms. , 2014, , .		24
87	Applications, results and future direction (EAIS 12). Evolving Systems, 2014, 5, 1-2.	3.9	6
88	Hybrid-fuzzy modeling and identification. Applied Soft Computing Journal, 2014, 17, 67-78.	7.2	13
89	Self-tuning of 2 DOF control based on evolving fuzzy model. Applied Soft Computing Journal, 2014, 19, 403-418.	7.2	44
90	Using a fuzzy black-box model to estimate the indoor illuminance in buildings. Energy and Buildings, 2014, 70, 343-351.	6.7	24

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91	A robust fuzzy adaptive law for evolving control systems. <i>Evolving Systems</i> , 2014, 5, 3-10.	3.9	57
92	Evolving fuzzy-madel-based on c-regression clustering. , 2014, , .		8
93	Robust evolving cloud-based PID control adjusted by gradient learning method. , 2014, , .		18
94	A 2 DOF predictive control based on evolving fuzzy model. , 2014, , .		2
95	Evolving neural network with extreme learning for system modeling. , 2014, , .		12
96	Mobile-robot pose estimation and environment mapping using an extended Kalman filter. <i>International Journal of Systems Science</i> , 2014, 45, 2603-2618.	5.5	15
97	Energy-efficient fuzzy model-based multivariable predictive control of a HVAC system. <i>Energy and Buildings</i> , 2014, 82, 520-533.	6.7	41
98	Control of indoor CO2 concentration based on a process model. <i>Automation in Construction</i> , 2014, 42, 122-126.	9.8	13
99	Homography estimation from circular motion for use in visual control. <i>Robotics and Autonomous Systems</i> , 2014, 62, 1486-1496.	5.1	3
100	Fuzzy model xml formulation for production dynamics analysis and control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014, 47, 4352-4357.	0.4	0
101	Fuzzy Control of a Helio-Crane. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2013, 72, 497-515.	3.4	8
102	Design of the image-based satellite attitude control algorithm. , 2013, , .		1
103	A practical implementation of self-evolving cloud-based control of a pilot plant. , 2013, , .		31
104	Indoor-environment simulator for control design purposes. <i>Building and Environment</i> , 2013, 70, 60-72.	6.9	15
105	Self-tuning Dynamic Matrix Control of two-axis autopilot for small aeroplanes. , 2013, , .		2
106	Robust evolving cloud-based controller for a hydraulic plant. , 2013, , .		35
107	Visual Trajectory-Tracking Model-Based Control for Mobile Robots. <i>International Journal of Advanced Robotic Systems</i> , 2013, 10, 323.	2.1	13
108	Hybrid Fuzzy Model. <i>Studies in Computational Intelligence</i> , 2013, , 33-47.	0.9	0

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109	Modeling and Validation of the Radiative Heat Transfer in an Electric Arc Furnace. ISIJ International, 2012, 52, 1225-1232.	1.4	20
110	A new fuzzy adaptive law with leakage. , 2012, , .		7
111	Solving the sales prediction problem with fuzzy evolving methods. , 2012, , .		13
112	Modeling and Validation of an Electric Arc Furnace: Part 2, Thermo-chemistry. ISIJ International, 2012, 52, 413-423.	1.4	36
113	Development of an Electric Arc Furnace Simulator Considering Thermal, Chemical and Electrical Aspects. ISIJ International, 2012, 52, 1924-1926.	1.4	8
114	Control of mineral wool thickness using predictive functional control. Robotics and Computer-Integrated Manufacturing, 2012, 28, 344-350.	9.9	9
115	Modeling and Validation of an Electric Arc Furnace: Part 1, Heat and Mass Transfer. ISIJ International, 2012, 52, 402-412.	1.4	62
116	Supervised Hierarchical Clustering in Fuzzy Model Identification. IEEE Transactions on Fuzzy Systems, 2011, 19, 1163-1176.	9.8	52
117	Nonlinear System Identification by Gustafsonâ€™Kessel Fuzzy Clustering and Supervised Local Model Network Learning for the Drug Absorption Spectra Process. IEEE Transactions on Neural Networks, 2011, 22, 1941-1951.	4.2	44
118	Mathematical Modeling and Experimental Validation of an Electric Arc Furnace. ISIJ International, 2011, 51, 382-391.	1.4	46
119	Feedforward control of a class of hybrid systems using an inverse model. Mathematics and Computers in Simulation, 2011, 82, 414-427.	4.4	20
120	EKF-Based Localization of a Wheeled Mobile Robot in Structured Environments. Journal of Intelligent and Robotic Systems: Theory and Applications, 2011, 62, 187-203.	3.4	64
121	Recursive clustering based on a Gustafsonâ€™Kessel algorithm. Evolving Systems, 2011, 2, 15-24.	3.9	103
122	Fuzzy confidence interval for pH titration curve. Applied Mathematical Modelling, 2011, 35, 4083-4090.	4.2	33
123	Theoretical and fuzzy modelling of a pharmaceutical batch reactor. Mathematical and Computer Modelling, 2011, 53, 637-645.	2.0	8
124	Recursive fuzzy c-means clustering for recursive fuzzy identification of time-varying processes. ISA Transactions, 2011, 50, 159-169.	5.7	79
125	Mathematical Model of an Autoclave. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 57, 503-516.	1.1	7
126	Inverse-model predictive control based on INFUMO-BB-BC optimization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 294-299.	0.4	5

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127	New results in modelling derived from Bayesian filtering. Knowledge-Based Systems, 2010, 23, 182-194.	7.1	65
128	A Case Study of the Collision-Avoidance Problem Based on Bernstein's Bézier Path Tracking for Multiple Robots with Known Constraints. Journal of Intelligent and Robotic Systems: Theory and Applications, 2010, 60, 317-337.	3.4	28
129	Optimal cooperative collision avoidance between multiple robots based on Bernstein's Bézier curves. Robotics and Autonomous Systems, 2010, 58, 1-9.	5.1	75
130	Using a LRF sensor in the Kalman-filtering-based localization of a mobile robot. ISA Transactions, 2010, 49, 145-153.	5.7	45
131	Tableting process optimisation with the application of fuzzy models. International Journal of Pharmaceutics, 2010, 389, 86-93.	5.2	19
132	Continuous-time Wiener-model predictive control of a pH process based on a PWL approximation. Chemical Engineering Science, 2010, 65, 1720-1728.	3.8	48
133	Predictive functional control based on an adaptive fuzzy model of a hybrid semi-batch reactor. Control Engineering Practice, 2010, 18, 979-989.	5.5	55
134	Hybrid predictive control design with mixed inputs based on PSO and its application for control of a Batch Reactor. , 2010, , .		0
135	SUPervised Hierarchical CLUSTERing (SUHICLUST) for nonlinear system identification. , 2009, , .		3
136	Fuzzy-model-based hybrid predictive control. ISA Transactions, 2009, 48, 24-31.	5.7	27
137	Confidence interval of fuzzy models: An example using a waste-water treatment plant. Chemometrics and Intelligent Laboratory Systems, 2009, 96, 182-187.	3.5	28
138	Online fuzzy identification for an intelligent controller based on a simple platform. Engineering Applications of Artificial Intelligence, 2009, 22, 628-638.	8.1	31
139	Minimisation of the capping tendency by tableting process optimisation with the application of artificial neural networks and fuzzy models. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 172-178.	4.3	27
140	Model predictive control of nonlinear hybrid systems with discrete inputs employing a hybrid fuzzy model. Nonlinear Analysis: Hybrid Systems, 2008, 2, 491-509.	3.5	19
141	Self-adaptive supervisory predictive functional control of a hybrid semi-batch reactor with constraints. Chemical Engineering Journal, 2008, 136, 312-319.	12.7	15
142	Model-based Predictive Control of Hybrid Systems: A Probabilistic Neural-network Approach to Real-time Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2008, 51, 45-63.	3.4	13
143	Hybrid fuzzy predictive control based on genetic algorithms for the temperature control of a batch reactor. Computers and Chemical Engineering, 2008, 32, 3254-3263.	3.8	59
144	Self-adaptive predictive functional control of the temperature in an exothermic batch reactor. Chemical Engineering and Processing: Process Intensification, 2008, 47, 2379-2385.	3.6	34

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145	Identification of the phase code in an EEG during gripping-force tasks: A possible alternative approach to the development of the brain-computer interfaces. <i>Artificial Intelligence in Medicine</i> , 2008, 44, 41-49.	6.5	9
146	Gripping-force identification using EEG and phase-demodulation approach. <i>Neuroscience Research</i> , 2008, 60, 389-396.	1.9	8
147	Discussion on: "Optimality Properties and Driver Input Parameterization for Trail-braking Cornering". <i>European Journal of Control</i> , 2008, 14, 325-326.	2.6	0
148	Monitoring of waste-water treatment plant using Takagi-Sugeno fuzzy model. , 2008, , .		1
149	Hybrid Fuzzy Predictive Control of a Batch Reactor Using a Branch and Bound and a Genetic Algorithm Approach. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 8381-8386.	0.4	0
150	Cooperative Collision Avoidance between Multiple Robots Based on Bézier Curves. <i>Information Technology Interfaces (ITI), Proceedings of the International Conference on</i> , 2007, , .	0.0	8
151	Continuous-Time Wiener-Model Predictive Control of a pH Process. <i>Information Technology Interfaces (ITI), Proceedings of the International Conference on</i> , 2007, , .	0.0	3
152	Adaptive Supervisory Predictive Control of a Hybrid Fed-Batch Reactor with Slow Actuator. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 8050-8057.	3.7	5
153	A new fault-detection system for nonlinear systems based on an interval fuzzy model. , 2007, , .		1
154	Hybrid fuzzy model-based predictive control of temperature in a batch reactor. <i>Computers and Chemical Engineering</i> , 2007, 31, 1552-1564.	3.8	60
155	Fault detection for nonlinear systems with uncertain parameters based on the interval fuzzy model. <i>Engineering Applications of Artificial Intelligence</i> , 2007, 20, 503-510.	8.1	49
156	A Decomposed-model Predictive Functional Control Approach to Air-vehicle Pitch-angle Control. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 48, 115-127.	3.4	6
157	Coprime-factorized Model Predictive Control for Unstable Processes with Delay. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 49, 237-251.	3.4	0
158	Design and Stability Analysis of Fuzzy Model-based Predictive Control " A Case Study. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 49, 279-292.	3.4	52
159	Hybrid Fuzzy Modelling for Model Predictive Control. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 50, 297-319.	3.4	15
160	Tracking-error model-based predictive control for mobile robots in real time. <i>Robotics and Autonomous Systems</i> , 2007, 55, 460-469.	5.1	318
161	Predictive Trajectory Tracking Control for Mobile Robots. , 2006, , .		4
162	If approximating nonlinear areas, then consider fuzzy systems. <i>IEEE Potentials</i> , 2006, 25, 18-23.	0.3	4

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163	A Comparison of Fuzzy and CPWL Approximations in the Continuous-time Nonlinear Model-predictive Control of Time-delayed Wiener-type Systems. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2006, 47, 125-137.	3.4	5
164	Pitch Angle Control of Unmanned Air Vehicle with Uncertain System Parameters. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2006, 47, 285-297.	3.4	8
165	Advanced control algorithms embedded in a programmable logic controller. <i>Control Engineering Practice</i> , 2006, 14, 935-948.	5.5	13
166	Identification of dynamical systems with a robust interval fuzzy model. <i>Automatica</i> , 2005, 41, 327-332.	5.0	90
167	Predictive Functional Control Based on Fuzzy Model: Design and Stability Study. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2005, 43, 283-299.	3.4	41
168	Interval Fuzzy Modeling Applied to Wiener Models With Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2005, 35, 1092-1095.	5.0	26
169	An approach to predictive control of multivariable time-delayed plant: Stability and design issues. <i>ISA Transactions</i> , 2004, 43, 585-595.	5.7	39
170	Model-Reference Fuzzy Adaptive Control as a Framework for Nonlinear System Control. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2003, 36, 331-347.	3.4	23
171	Title is missing!. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2003, 36, 467-480.	3.4	21
172	Time optimal path planning considering acceleration limits. <i>Robotics and Autonomous Systems</i> , 2003, 45, 199-210.	5.1	117
173	Globally stable direct fuzzy model reference adaptive control. <i>Fuzzy Sets and Systems</i> , 2003, 139, 3-33.	2.7	74
174	Predictive functional control based on fuzzy model: magnetic suspension system case study. <i>Engineering Applications of Artificial Intelligence</i> , 2003, 16, 425-430.	8.1	27
175	Direct fuzzy model-reference adaptive control. <i>International Journal of Intelligent Systems</i> , 2002, 17, 943-963.	5.7	57
176	Fuzzy Predictive Functional Control in the State Space Domain. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2001, 31, 283-297.	3.4	42
177	Predictive functional control based on fuzzy model for heat-exchanger pilot plant. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999, 32, 8608-8612.	0.4	2
178	Novel Fuzzy Adaptive Combustion Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1998, 31, 185-189.	0.4	0
179	Real-time fuzzy adaptive control. <i>Engineering Applications of Artificial Intelligence</i> , 1997, 10, 53-61.	8.1	17
180	Fuzzy predictive control based on relational matrix models. <i>Computers and Chemical Engineering</i> , 1996, 20, S931-S936.	3.8	10