# CITATION REPORT List of articles citing



DOI: 10.1016/s0020-7373(76)80028-4 International Journal of Man-Machine Studies, 1976, 8, 669-6

Source: https://exaly.com/paper-pdf/12843200/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
692	Towards users driven privacy control.		4
691	Analysis of fuzzy control algorithms using the relation matrix. <i>International Journal of Man-Machine Studies</i> , <b>1976</b> , 8, 679-686		59
690	Problems of River Water Quality Modelling and Control: A Review. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1977</b> , 10, 341-349		1
689	The fuzzy decade: a bibliography of fuzzy systems and closely related topics. <i>International Journal of Man-Machine Studies</i> , <b>1977</b> , 9, 1-68		98
688	Application of Fuzzy Logic to Approximate Reasoning Using Linguistic Synthesis. <b>1977</b> , C-26, 1182-119	1	1065
687	A control engineering review of fuzzy systems. <b>1977</b> , 13, 559-569		256
686	Analysis of a fuzzy logic controller. <b>1978</b> , 1, 29-44		304
685	PRUFâl meaning representation language for natural languages. <i>International Journal of Man-Machine Studies</i> , <b>1978</b> , 10, 395-460		452
684	SYNTHESIS OF FUZZY MODELS FOR INDUSTRIAL PROCESSES-SOME RECENT RESULTS. <b>1978</b> , 4, 143-16	2	185
683	Theoretical and linguistic aspects of the fuzzy logic controller. <b>1979</b> , 15, 553-577		199
682	A linguistic self-organizing process controller. <b>1979</b> , 15, 15-30		817
681	Towards an analysis of linguistic modelling. <b>1979</b> , 2, 293-307		19
680	Selection of parameters for a fuzzy logic controller. <b>1979</b> , 2, 185-199		111
679	Fuzzy Theory and Environmental Control in Buildings. <b>1979</b> , 6, 279-291		7
678	On stability of formal fuzziness systems. <b>1980</b> , 22, 51-68		27
677	Quantitative analysis with linguistic values. <b>1980</b> , 4, 99-115		77
676	L.P.L. a fuzzy programming language: 1. Syntactic aspects. <b>1980</b> , 3, 151-179		21

675	. <b>1980</b> , 10, 355-365	39
674	Fuzzy Control. <b>1980</b> , 297-307	
673	Approximate reasoning and possibilistic models in classification. <b>1981</b> , 10, 141-175	8
672	Some problems concerning the construction of algorithms of decision-making in fuzzy systems. <i>International Journal of Man-Machine Studies</i> , <b>1981</b> , 15, 201-211	22
671	Fuzzy Perception, Fuzzy Modelling and Fuzzy Control of the Environment in Buildings. <b>1982</b> , 25, 75-80	1
670	Systems Methodology in Social Science Research. <b>1982</b> ,	4
669	Fuzzy system identification via probabilistic sets. <b>1982</b> , 28, 21-43	6
668	Applications of fuzzy decision-making theory to coping with ill-defined problems. <b>1982</b> , 7, 1-18	10
667	On the design of a classifier with linguistic variables as inputs. <b>1983</b> , 11, 265-286	19
666	A generalized concept of a fuzzy probabilistic controller. <b>1983</b> , 11, 287-297	7
665	Linguistic variables, approximate reasoning and dispositions. <b>1983</b> , 8, 173-86	59
664	Control of Complex Processes by Using Fuzzy Probabilistic Controller. <i>IFAC Postprint Volumes IPPV /</i> International Federation of Automatic Control, <b>1983</b> , 16, 49-53	1
663	Criteria for Non-Interactivity of Fuzzy Logic Controller Rules. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1983</b> , 16, 229-233	
662	A retrospective view of fuzzy control systems. <b>1984</b> , 14, 199-210	74
661	Applications of fuzzy relational equations for methods of reasoning in presence of fuzzy data. <b>1985</b> , 16, 163-175	96
660	Analysis of a fuzzy dynamic system and synthesis of its controller. <i>International Journal of Man-Machine Studies</i> , <b>1985</b> , 22, 355-363	13
659	The Fuzzy Logic Controller: An alternative design scheme?. <b>1985</b> , 6, 3-14	1
658	An introductory survey of fuzzy control. <b>1985</b> , 36, 59-83	713

657	A Justification for the Wider Use of Fuzzy Logic Control Algorithms. <b>1985</b> , 199, 43-49	3
656	Fuzzy PID supervisor. <b>1985</b> ,	16
655	Applications of Approximate Reasoning in Risk Analysis. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 227-243	15
654	COPING WITH UNCERTAINTY FOR KNOWLEDGE ACQUISITION AND INFERENCE MECHANISM. <b>1986</b> , 15, 243-249	4
653	Solvability of fuzzy relational equations and manipulation of fuzzy data. <b>1986</b> , 18, 45-65	62
652	Potential applications of fuzzy sets in industrial safety engineering. <b>1986</b> , 19, 105-120	97
651	A Design Study of a Self-Organizing Fuzzy Logic Controller. <b>1986</b> , 200, 59-69	32
650	Rule-based Process Control Using Fuzzy Logic. <b>1987</b> , 145-158	4
649	On solution of fuzzy functional equations. <b>1987</b> , 123, 589-604	6
648	The application of expert systems to manufacturing process control. <b>1987</b> , 12, 307-314	12
647	. <b>1988</b> , 18, 193-203	3
646	Use of fuzzy logic in robotics. <b>1988</b> , 10, 35-46	36
645	Expert systems, fuzzy logic and rule-based control explained at last. <b>1988</b> , 10, 198-206	5
644	Applicability of some fuzzy implication operators. <b>1989</b> , 31, 151-186	66
643	. <b>1989</b> , 19, 998-1007	57
642	Rough sets and dependency analysis among attributes in computer implementations of expert's inference models. <i>International Journal of Man-Machine Studies</i> , <b>1989</b> , 30, 457-473	46
641	Modelling of a fuzzy controller with application to the control of biological processes. <b>1989</b> , 31, 13-22	35
640	Direct digital control, auto-tuning and supervision using fuzzy logic. <b>1989</b> , 30, 135-153	46

639 .

638	Automation of Nuclear Power Plants. <b>1990</b> , 90, 34-48	
637	. <b>1990</b> , 20, 404-418	3145
636	Intelligent Control of Machines and Processes. <b>1990</b> , 19, 205-209	6
635	Application of fuzzy reasoning to the control of an activated sludge plant. 1990, 38, 1-14	22
634	A new model of fuzzy reasoning. <b>1990</b> , 36, 311-325	30
633	Fuzzy control using neural network techniques. 1990,	9
632	Fuzzy Controller and Examples Concerning the Automatic Start Up of the Fluidized Bed Combustor.	
631		10
630	FUZZY SYSTEMS: ANALYSIS AND SYNTHESIS FROM THEORY TO APPLICATIONS. <b>1990</b> , 17, 139-156	3
629	. <b>1990</b> , 35, 148-155	34
628		3
627	. <b>1990</b> , 37, 365-371	157
626		6
625	A system for reasoning with imprecise linguistic information. <b>1991</b> , 5, 463-488	14
624	Computer control of glutamic acid production based on fuzzy clusterization of culture phases. <b>1991</b> , 72, 110-114	55
623	Fuzzy modelling: Fundamentals, construction and evaluation. <b>1991</b> , 41, 1-15	26
622	Fuzzy Logic ControlâA Tutorial. <b>1991</b> , 8, 280-288	3

621		O
620	FUZZY EXPERT SYSTEM BASED ON ROUGH SETS AND ITS APPLICATION TO MEDICAL DIAGNOSIS. <b>1992</b> , 21, 83-97	6
619	CONTROL OF CONSTRUCTION ACTIVITIES: III. FUZZY-BASED CONTROLLER. <b>1992</b> , 9, 275-297	2
618	Predictive Sliding Control with Fuzzy Logic for Fuel-Injected Automotive Engines. <b>1992</b> , 206, 237-244	1
617	Knowledge Based Control: Selecting the Right Tool for the Job. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1992</b> , 25, 1-9	
616	An Adaptive Fuzzy Controller with Application to Petroleum Processing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1992, 25, 327-332	
615		54
614	Knowledge based control: Selecting the right tool for the job. <b>1992</b> , 17, 1-9	1
613	Applications of the theory of fuzzy sets. <b>1992</b> , 58, 148-194	1
612	Stability analysis and design of fuzzy control systems. <b>1992</b> , 45, 135-156	1517
612	Stability analysis and design of fuzzy control systems. <b>1992</b> , 45, 135-156  Fuzzy control rules and their natural control laws. <b>1992</b> , 48, 65-86	1517 35
611	Fuzzy control rules and their natural control laws. <b>1992</b> , 48, 65-86	35
611	Fuzzy control rules and their natural control laws. <b>1992</b> , 48, 65-86  Fuzzy inference and its applicability to control systems. <b>1992</b> , 48, 99-111	35 15
611 610 609	Fuzzy control rules and their natural control laws. 1992, 48, 65-86  Fuzzy inference and its applicability to control systems. 1992, 48, 99-111  New fuzzy learning model with recursive estimation for dynamic systems. 1992, 48, 217-229	35 15 31
611 610 609 608	Fuzzy control rules and their natural control laws. 1992, 48, 65-86  Fuzzy inference and its applicability to control systems. 1992, 48, 99-111  New fuzzy learning model with recursive estimation for dynamic systems. 1992, 48, 217-229  A fuzzy logic power tracking controller for a photovoltaic energy conversion scheme. 1992, 25, 227-238	35 15 31 36
611 610 609 608	Fuzzy control rules and their natural control laws. 1992, 48, 65-86  Fuzzy inference and its applicability to control systems. 1992, 48, 99-111  New fuzzy learning model with recursive estimation for dynamic systems. 1992, 48, 217-229  A fuzzy logic power tracking controller for a photovoltaic energy conversion scheme. 1992, 25, 227-238  On extending the quantity space in qualitative reasoning. 1992, 7, 167-173	35 15 31 36 6

#### [1994-1993]

603	. <b>1993</b> , 23, 1038-1061	129
602	Phase control of fed-batch culture for \text{\text{\text{Bmylase}} production based on culture phase identification using fuzzy inference. <b>1993</b> , 76, 207-212	34
601	Numerical analysis on fuzzy relation equations with various operators. <b>1993</b> , 53, 155-166	6
600	An improved solution to thermoelastic material design in functionally gradient materials: Scheme to reduce thermal stresses. <b>1993</b> , 109, 377-389	88
599		
598	Prototype Of A Neuro-fuzzy Controlled Model Lorry.	
597	Fuzzy control of externally disturbed systems.	
596	Proposal of a Boolean fuzzy logic system guaranteed a logical consistency.	1
595	Fuzzy controller design using the mean-value-based functional reasoning.	O
594		3
593	Mobile robot control using fuzzy-Gaussian neural networks.	9
592		1
591		0
590	Design of battery charging system with fuzzy logic controller. <b>1993</b> , 75, 75-86	6
589	Fuzzy Control. <b>1993</b> , 277-282	
588	SELECTION OF PARAMETERS FOR A FUZZY LOGIC CONTROLLER. <b>1993</b> , 298-305	
587	ANALYSIS OF A FUZZY LOGIC CONTROLLER. <b>1993</b> , 290-297	6
586	Fuzzy control of a manipulator using the switching motion of brakes. <b>1994</b> , 25, 979-989	2

585 .

584		
583	Patterns of fuzzy rule-based inference. <b>1994</b> , 11, 235-255	17
582	Towards symbolic process control. <b>1994</b> , 30, 379-390	8
581	Embedment of a fuzzy logic system into a Boolean lattice for satisfying a complementary law. <b>1994</b> , 78, 257-268	3
580	Growth characteristics in fed-batch culture of hybridoma cells with control of glucose and glutamine concentrations. <b>1994</b> , 44, 95-103	101
579	Improvement of cloned alpha-amylase gene expression in fed-batch culture of recombinant Saccharomyces cerevisiae by regulating both glucose and ethanol concentrations using a fuzzy controller. <b>1994</b> , 44, 1055-63	23
578	Adaptive learning networks of multi-stage fuzzy production rules in expert system of grinding characteristics. <b>1994</b> , 27, 433-436	
577	Approximately solving fuzzy relation equations: Some mathematical results and some heuristic proposals. <b>1994</b> , 66, 175-193	18
576	An intelligent distributed system for real-time control of cone crushers. <b>1994</b> , 18, 377-383	9
575	Fuzzy controller for robot arm trajectory. <b>1994</b> , 2, 69-83	1
574	Application of fuzzy logic to bed height control in agitation-fluidized bed granulation. <b>1994</b> , 81, 161-168	17
573	Fuzzy neural network for the control of high cell density cultivation of recombinant Escherichia coli. <b>1994</b> , 77, 663-673	39
572	. <b>1994</b> , 24, 1035-1043	47
571	. <b>1994</b> , 82, 482-498	40
570		
569	Fuzzy systems and fuzzy expert control: An overview. <b>1994</b> , 9, 229-268	28
568	Efficient fuzzy control strategies for the application of pH-stat to fed-batch cultivation of genetically engineered Escherichia coli. <b>1994</b> , 61, 273-81	9

567	Application of fuzzy logic to moisture control in fluidized bed granulation <b>1995</b> , 28, 282-287		12
566	Modeling, analysis and control of fuzzy systems.		
565	Design and simulation of a fuzzy controller for fed-batch yeast fermentation. <b>1995</b> , 13, 141-148		17
564	Diagnosing continuous systems with qualitative dynamic models. <b>1995</b> , 9, 107-125		14
563	Fuzzy logic control. <b>1995</b> , 26, 481-495		4
562	Parallel fuzzy information processing system. <b>1995</b> , 72, 323-329		6
561	Stability analysis of control system having PD type of fuzzy controller. <b>1995</b> , 74, 321-334		14
560	Fuzzy-neural network controllers using mean-value-based functional reasoning. <b>1995</b> , 9, 39-61		10
559	Classification of ultrasonic images using fuzzy reasoning and spatial smoothing effect of textural features. <b>1995</b> , 78, 62-76		1
558	Geometric compatibility modification in FuzzyCLIPS.		1
557	Neuro-fuzzy GMDH and its application to modelling grinding characteristics. <b>1995</b> , 33, 1229-1240		24
556			3
555	Fuzzy sets as a tool for modeling. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 536-548	9	3
554	Fuzzy control of a manipulator using an actuator and multibrakes. <b>1995</b> , 26, 1005-1016		1
553	A comprehensive strategy for longitudinal vehicle control with fuzzy supervisory expert system.		5
552	Automated structural design based on knowledge engineering and fuzzy control. <b>1995</b> , 12, 593-608		4
551			2
550	A fuzzy-Gaussian neural network and its application to mobile robot control. <b>1996</b> , 4, 193-199		61

549	Fuzzy sliding control of a force reflecting telerobotic system.	2
548	Image filtering, edge detection, and edge tracing using fuzzy reasoning. <b>1996</b> , 18, 481-491	83
547	Dynamically focused fuzzy learning control. <b>1996</b> , 26, 53-74	42
546	Design and DSP implementation of fuzzy controllers for servo drives. <b>1996</b> , 79, 265-276	1
545	Rapid prototyping for fuzzy systems.	
544	Fuzzy Feedback Control for Real-Time Dynamic Traffic Routing: User Equilibrium Model Formulations and Controller Design. <b>1996</b> , 1556, 137-146	5
543	Stability and the fuzzy controller. <b>1996</b> , 77, 167-173	6
542	Design and analysis of a fuzzy proportional-integral-derivative controller. <b>1996</b> , 79, 297-314	146
541	Geometric compatibility modification. <b>1996</b> , 84, 283-299	17
540	A multicriterial material tailoring of a hollow cylinder in functionally gradient materials: Scheme to global reduction of thermoelastic stresses. <b>1996</b> , 135, 369-380	43
539	Customer satisfaction assessment through a fuzzy neural controller.	
538	Application of fuzzy decision-making in facilities layout planning. <b>1996</b> , 34, 3207-3225	74
537	FUZZY SYSTEMS THEORY: A Framework for the Analysis of Humanistic Systems. 1996, 464-480	
536	Relationship between temperature and fluctuations in sandfish catch (Arctoscopus japonicus) in the coastal waters off Akita Prefecture. <b>1997</b> , 54, 1-12	17
535	A fuzzy logic approach for intelligence analysis of actual and simulated military reconnaissance missions.	
534	Neural network controllers for robot manipulators application of damping neurons. <b>1997</b> , 12, 191-208	11
533	Combining Fuzzy Knowledge and Data for Neuro-Fuzzy Modeling. <b>1997</b> , 7,	4
532	Environmental project evaluation: a fuzzy logic based method. <b>1997</b> , 28, 467-481	5

531	Adaptive Performance Seeking Control using Fuzzy Model Reference Learning Control and Positive Gradient Control. <b>1997</b> ,	6
530	Genetic Tuning of a Fuzzy Controller. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1997</b> , 30, 487-492	
529	APPROXIMATE REASONING IN TRANSPORT PROJECT EVALUATION. <b>1997</b> , 14, 199-231	1
528	A fuzzy clustering-based rapid prototyping for fuzzy rule-based modeling. <b>1997</b> , 5, 223-233	115
527	Nonlinear performance seeking control using Fuzzy Model Reference Learning Control and the method of Steepest Descent. <b>1997</b> ,	2
526	Fuzzy contextual classification of multisource remote sensing images. <b>1997</b> , 35, 326-340	40
525	. <b>1997</b> , 27, 45-56	15
524	After the fuzzy wave reached Europe. <b>1997</b> , 99, 58-71	9
523	Fuzzy-PID hybrid control: Automatic rule generation using genetic algorithms. <b>1997</b> , 92, 305-316	25
522	A methodology to model fuzzy systems using fuzzy clustering in a rapid-prototyping approach. <b>1998</b> , 97, 287-301	21
521	Modeling discrete choice behavior based on explicit information integration and its application to the route choice problem. <b>1998</b> , 28, 100-114	17
520	On the construction of hierarchical fuzzy systems models. <b>1998</b> , 28, 55-66	63
519		
518	On-line Tuning Of A Fuzzy Power System Stabiliser.	1
517	Equivalent dynamic fuzzy controllers and their application to engine control. 1998,	1
516	Pen-based recognition system of Arabic character utilizing structural and fuzzy techniques.	6
515	A fuzzy reasoning based approach for ARMA order selection.	1
5 <sup>1</sup> 4	Adaptive techniques for multiple actuator blending. 1998,	19

513	The self organising fuzzy controller.	2
512	Blended homing guidance law using fuzzy logic. 1998,	4
511	A genetic-based neuro-fuzzy approach for modeling and control of dynamical systems. <b>1998</b> , 9, 756-67	136
510	Fuzzy Logic for High Performance Control. <b>1998</b> , 31, 73-79	1
509	Une approche pour la comparaison, du point de vue fonctionnement hydraulique, de propositions d'extension d'un rseau d'assainissement. <b>1998</b> , 11, 241-254	1
508	STRUCTURAL AND FUZZY TECHNIQUES IN THE RECOGNITION OF ONLINE ARABIC CHARACTERS. <b>1999</b> , 13, 1027-1040	8
507	A practical fuzzy interpolator for prediction of reservoir permeability. 1999,	
506	An approach to the reduction of contact bounce using fuzzy control.	13
505	FUZZY INTERPRETATION OF HUMAN INTELLIGENCE. <b>1999</b> , 07, 407-414	15
504	An intelligent parallel control system structure for plants with multiple operating regimes. <b>1999</b> , 9, 453-460	14
503	Fuzzy development of crisp activity relationship charts for facilities layout. <b>1999</b> , 36, 1-16	34
502	About the use of fuzzy clustering techniques for fuzzy model identification. <b>1999</b> , 106, 179-188	138
501	Three-dimensional magnetic resonance imaging of the interosseous membrane of forearm: a new method using fuzzy reasoning. <b>1999</b> , 17, 463-70	23
500	Motion control of a class of underactuated mechanical systems: The acrobot example. <b>1999</b> , 6, 134-137	
499	Editorial: 30th Anniversary Issue. <b>1999</b> , 51, 119-124	
498	Incorporating qualitative knowledge in enzyme kinetic models using fuzzy logic. <b>1999</b> , 62, 722-9	26
497	A rule-based fuzzy power system stabilizer tuned by a neural network. <b>1999</b> , 14, 773-779	22
496	Fuzzy logic in the recognition of machine printed Arabic characters.	O

495	On stability of fuzzy systems expressed by fuzzy rules with singleton consequents. <b>1999</b> , 7, 201-224	234
494	Application of approximate reasoning in marine and offshore safety engineering. 1999,	
493	Control of equilibrium and trajectory of a remotely controlled bicycle.	
492	An adaptive method for constructing fuzzy rules.	
491	Soft Computing Approaches to Fault Diagnosis for Dynamic Systems: A Survey. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2000</b> , 33, 303-315	23
490	Fuzzy control of bioprocess in Japan. <b>2000</b> , 5, 1-23	3
489	NON-LINEAR FUZZY LOGIC CONTROL FOR FORCED LARGE MOTIONS OF SPINNING SHAFTS. <b>2000</b> , 235, 435-449	11
488	Real-time integrated process supervision. <b>2000</b> , 13, 645-658	11
487	Simultaneous solution of fuzzy models: an application to economic equilibrium analysis. <b>2000</b> , 115, 339-349	5
486	8. The Self as a Fuzzy Set of Roles, Role Theory as a Fuzzy System. <b>2000</b> , 30, 261-314	12
485	Production of highly concentrated xylitol by Candida magnoliae under a microaerobic condition maintained by simple fuzzy control. <b>2000</b> , 89, 372-6	22
484	Fuzzy control of bioprocess. <b>2000</b> , 89, 401-8	33
483	THE INTEGRATION OF EXTENSION THEORY TO DESIGN A NEW FUZZY INFERENCE MODEL. <b>2000</b> , 09, 473-492	4
482	Fuzzy ignition timing control for a spark ignition engine. <b>2000</b> , 214, 297-306	13
481	Fuzzy Logic-Based Voltage Control of a Synchronous Generator. <b>2000</b> , 37, 333-343	2
480	Control strategies for energy recovery from a flywheel using a vector controlled induction machine.	12
479	Tools of soft computing as applied to the problem of facilities layout planning. <b>2000</b> , 8, 367-379	26
478	Hierarchical fuzzy pattern matching for the regional comparison of land use maps. <b>2001</b> , 15, 77-100	109

477	New membership functions for effective design and implementation of fuzzy systems. 2001, 31, 717-723	12
476	Membership function modification of fuzzy logic controllers with histogram equalization. <b>2001</b> , 31, 125-32	22
475	Feedback control in high shear granulation of pharmaceutical powders. <b>2001</b> , 52, 337-45	15
474	Fuzzy model and membership for two-dimensional variables.	
473	. 2001,	2
472	References and further reading. <b>2001</b> , 428-432	
471	A COMPARATIVE ANALYSIS OF INCIDENT SERVICE TIME ON URBAN FREEWAYS . <b>2001</b> , 25, 62-72	14
470	Fuzzy sliding control for low emission automotive engines.	
469	Uninorms in fuzzy systems modeling. <b>2001</b> , 122, 167-175	125
468	An ARMA order selection method with fuzzy reasoning. <b>2001</b> , 81, 1331-1335	20
467	Comparative study of a learning fuzzy PID controller and a self-tuning controller. 2001, 40, 245-53	35
466	Study of Learning Fuzzy Controllers. <b>2001</b> , 18, 186-193	10
465	A fuzzy control system of high shear granulation using image processing. <b>2001</b> , 115, 124-130	32
464	Direct control of wet granulation processes by image processing system. <b>2001</b> , 117, 163-172	60
463	References. <b>2001</b> , 373-392	
462	An application of fuzzy rule-based system: to the economic equilibrium considering the shift in demand curve.	
461	NEURO-FUZZY BASED FAULT DIAGNOSIS APPLIED TO AN ELECTRO-PNEUMATIC VALVE. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2002</b> , 35, 477-482	8
460	The SOF-PID controller for the control of a MIMO robot arm. <b>2002</b> , 10, 523-532	33

459	Adaptive tuning of a Kalman filter using the fuzzy integral for an intelligent navigation system.	3
458	Permeability prediction in shaly formations: The fuzzy modeling approach. <b>2002</b> , 67, 817-829	7
457	An expert system to evaluate the sensitivity of urban areas to the functioning failure of storm drainage networks. <b>2002</b> , 4, 43-51	7
456	A GA-based fuzzy modeling approach for generating TSK models. <b>2002</b> , 131, 121-152	62
455	Fuzzy control with fuzzy inputs. 2003, 11, 437-449	17
454	Large motion tracking control for thrust magnetic bearings with fuzzy logic, sliding mode, and direct linearization. <b>2003</b> , 263, 549-567	21
453	Model generation by domain refinement and rule reduction. <b>2003</b> , 33, 45-55	12
452	Concept of Flying Effectors and Preliminary Experiments. 2003,	O
45 <sup>1</sup>	A table lookup scheme for fuzzy logic based model identification applied to time series prediction. <b>2003</b> ,	1
450	Simple Fuzzy control Structure for a Lateral Missile Control Problem. <b>2003</b> ,	
449	Predicting nonlinear network traffic using fuzzy neural network.	
448	Fuzzy Model Identification for Control. 2003,	74
447	Fuzzy logic controllers for MPEG VBR video transmission over ATM networks.	2
446	Implementation of Fuzzy Systems using Micro Processors/Controllers. 2003, 49, 281-288	1
445	. 2004,	83
444	A Flexible Fuzzy Expert System for Fuzzy Duplicate Elimination in Data Cleaning. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 161-170	5
443	Data mining for removing fuzzy duplicates using fuzzy inference. 2004,	1
442	Fuzzy part family formation for cellular manufacturing systems. <b>2004</b> , 15, 292-302	3

441	On some aspects of fuzzy logic application in machine monitoring and diagnostics. <b>2004</b> , 17, 429-437	17
440	A fuzzy approach to video transmission over Bluetooth ACL links.	3
439	Experimental results of an adaptive fuzzy network Kalman filtering integration for low cost navigation applications. <b>2004</b> ,	4
438	Knowledge Discovery by Hopfield Network. <b>2004</b> , 14, 119-136	
437		1
436	Expert system for an INS/DGPS integrated navigator installed in a Bell 206 helicopter. <b>2005</b> , 18, 353-361	7
435	Developments of fuzzy PID controllers. <b>2005</b> , 22, 254-264	19
434	Impact of balanced substrate flux on the metabolic process employing fuzzy logic during the cultivation of Bacillus thuringiensis var. Galleriae. <b>2005</b> , 21, 127-134	7
433	References. <b>2005</b> , 399-402	
432	TSK-based decision feedback equalizer using an evolutionary algorithm applied to QAM communication systems. <b>2005</b> , 52, 596-600	5
431	Sensor fault detection for fault tolerant vector controlled induction machine. 2005,	10
430	Design of Stable Type-2 Fuzzy Logic Controllers based on a Fuzzy Lyapunov Approach. <b>2006</b> ,	9
429	Simultaneous Ant Colony Optimization Algorithms for Learning Linguistic Fuzzy Rules. <b>2006</b> , 75-99	17
428	Fuzzy Modeling and Fuzzy Control. <b>2006</b> ,	
427	Neuro-Fuzzy Control for MPEG Video Transmission Over Bluetooth. 2006, 36, 761-771	4
426	Learning for Hierarchical Fuzzy Systems Based on the Gradient-Descent Method. 2006,	2
425	. <b>2006</b> , 21, 63-71	7
424	TISIT: a model for integrating TQM with software and information technologies. 2006, 18, 118-130	21

#### (2008-2006)

423	A genetic method for designing TSK models based on objective weighting: application to classification problems <b>2006</b> , 10, 805-824	3
422	Research on fuzzy neural network algorithms for nonlinear network traffic predicting. <b>2006</b> , 2, 373-375	4
421	REFERENCES. <b>2006</b> , 489-503	
420	Design, implementation and performance evaluation of a fuzzy control system for a pH neutralisation process pilot plant. <b>2007</b> ,	2
419	PERFORMANCE EVALUATION OF GENETIC DISTRIBUTED FUZZY CONTROLLERS FOR MULTI-PART-TYPE PRODUCTION LINE. <b>2007</b> , 06, 115-128	
418	Sewage Bleedoff Robot with Visual Location of Adoption Specific Feature Recognition Based on Embedded System. <b>2007</b> ,	
417	An Interval Type-2 Fuzzy Logic Toolbox for Control Applications. <b>2007</b> ,	66
416	Chapter 10 Online monitoring. <b>2007</b> , 11, 477-498	5
415	Generation of Fuzzy Classification Rules Directly from Overlapping Input Partitioning. 2007,	1
414	Fuzzy Decision Support for Service Selection in E-Business Environments. 2007,	4
413	Cluster Analysis for Data Mining and System Identification. 2007,	3
412	Interval Type-2 Fuzzy Logic for Intelligent Control Applications. 2007,	2
411	Predicting injection profiles using ANFIS. <b>2007</b> , 177, 4445-4461	77
410	Analysis of groundwater quality using fuzzy synthetic evaluation. 2007, 147, 938-46	148
409	Hierarchical hybrid fuzzy-neural networks for approximation with mixed input variables. <b>2007</b> , 70, 3019-3033	10
408	Knowledge representation and acquisition in expert systems for pattern recognition. <b>2007</b> , 47, 1373-1397	0
407	Use of fuzzy synthetic evaluation for assessment of groundwater quality for drinking usage: a case study of Southern Haryana, India. <b>2008</b> , 54, 249-255	16
406	Systematic design of a stable type-2 fuzzy logic controller. <i>Applied Soft Computing Journal</i> , <b>2008</b> , 8, 1274 <del>7</del> 1 <del>2</del> 79	72

405	Low-level interpretability and high-level interpretability: a unified view of data-driven interpretable fuzzy system modelling. <b>2008</b> , 159, 3091-3131	185
404	Fuzzy Control for Output Regulation of a Servomechanism with Backlash. 2008, 19-28	5
403	Fuzzy Expert System In Determining Hadith1 Validity. 2008, 354-359	15
402	Designing an Adaptive Fuzzy Controller for Maximum Wind Energy Extraction. 2008, 23, 559-569	125
401	Modeling of Metal Forming and Machining Processes. 2008,	1
400	CSMD: Centralized Surface Matching Degree, a New Approach for Determining Matching Degree in Fuzzy Systems. <b>2008</b> ,	O
399	Soft Computing. 2008,	32
398	. 2008,	1
397	Back Matter. <b>2008</b> , 415-453	
396	Hybrid neural-based guiding system for mobile robots. 2008,	1
396 395	Hybrid neural-based guiding system for mobile robots. 2008,  Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. 2008,	3
395	Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. <b>2008</b> ,  A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network	
395 394	Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. 2008,  A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network Attacks. 2008,	
395 394 393	Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. 2008,  A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network Attacks. 2008,  Multiple parallel fuzzy expert systems utilizing a hierarchical fuzz model. 2008, 53, 89-93	3
395 394 393 392	Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. 2008,  A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network Attacks. 2008,  Multiple parallel fuzzy expert systems utilizing a hierarchical fuzz model. 2008, 53, 89-93  Dynamic Task Allocation in Cooperative Robot Teams. 2009, 6, 35	2
395 394 393 392 391	Computational intelligence software: Type-2 Fuzzy Logic and Modular Neural Networks. 2008,  A Comprehensive Fuzzy Logic Model for Feature Performance Assessment against Network Attacks. 2008,  Multiple parallel fuzzy expert systems utilizing a hierarchical fuzz model. 2008, 53, 89-93  Dynamic Task Allocation in Cooperative Robot Teams. 2009, 6, 35  Dynamic Task Allocation in Cooperative Robot Teams. 2009, 6, 30  Intermediate Variable Normalization for Gradient Descent Learning for Hierarchical Fuzzy System.	2 5

#### (2010-2009)

387	treatment planning. <b>2009</b> , 4, 39	13
386	Cellular automata with fuzzy parameters in microscopic study of positive HIV individuals. <b>2009</b> , 50, 32-44	12
385	Fault-tolerant control of three-pole active magnetic bearing. <b>2009</b> , 36, 12592-12604	23
384	Design of Fuzzy PI+D and Fuzzy PID Controllers Using Gaussian Input Fuzzy Sets. <b>2009</b> ,	
383	Application of the active learning method to the retrieval of pigment from spectral remote sensing reflectance data. <b>2009</b> , 30, 1045-1065	10
382	. <b>2009</b> , 39, 253-269	55
381	Fuzzy Logic as a Theory of Vagueness: 15 Conceptual Questions. <i>Studies in Fuzziness and Soft Computing</i> , <b>2009</b> , 207-228	2
380	Platform-Based Inference System Design Using FML and Fuzzy Technology for Healthcare. 2009,	2
379	. 2009,	2
378	A fuzzy-genetic controller for the output regulation of a servomechanism with backlash. <b>2009</b> ,	
378 377	A fuzzy-genetic controller for the output regulation of a servomechanism with backlash. 2009,  Conforto trimico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela antise de parihetros fisioligicos utilizando a teoria dos conjuntos fuzzy. 2009, 39, 1492-1498	22
	Conforto trmico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela anlise	22
377	Conforto trìmico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela anlise de parimetros fisioligicos utilizando a teoria dos conjuntos fuzzy. <b>2009</b> , 39, 1492-1498	
377 376	Conforto timico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela antise de parihetros fisioligicos utilizando a teoria dos conjuntos fuzzy. <b>2009</b> , 39, 1492-1498  FUGEN: a tool for the design of layouts for cellular manufacturing systems. <b>2009</b> , 5, 595	
377 376 375	Conforto tîmico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela antise de parihetros fisioligicos utilizando a teoria dos conjuntos fuzzy. <b>2009</b> , 39, 1492-1498  FUGEN: a tool for the design of layouts for cellular manufacturing systems. <b>2009</b> , 5, 595  Prediction of Breaking Wave Height and Water Depth Using Soft Computing Method. <b>2009</b> , 65, 111-115	
377 376 375	Conforto tîmico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela anlise de parihetros fisioligicos utilizando a teoria dos conjuntos fuzzy. 2009, 39, 1492-1498  FUGEN: a tool for the design of layouts for cellular manufacturing systems. 2009, 5, 595  Prediction of Breaking Wave Height and Water Depth Using Soft Computing Method. 2009, 65, 111-115  Fuzzy Logic Control in the Packaging Industry. 2010, 1	14
377 376 375 374	Conforto timico de bovinos leiteiros confinados em clima subtropical e mediterrileo pela aniise de pariinetros fisioligicos utilizando a teoria dos conjuntos fuzzy. 2009, 39, 1492-1498  FUGEN: a tool for the design of layouts for cellular manufacturing systems. 2009, 5, 595  Prediction of Breaking Wave Height and Water Depth Using Soft Computing Method. 2009, 65, 111-115  Fuzzy Logic Control in the Packaging Industry. 2010, 1  Modeling and analysis of packing properties through a fuzzy inference system. 2010, 21, 869-874	6

369	A neuro-fuzzy inference engine for Farsi numeral characters recognition. <b>2010</b> , 37, 6327-6337	18
368	Use of genetic algorithms to develop an adaptive fuzzy logic controller for a cooling coil. <i>Energy and Buildings</i> , <b>2010</b> , 42, 708-716	37
367	Comparison between Fuzzy C-means clustering and Fuzzy Clustering Subtractive in urban air pollution. <b>2010</b> ,	5
366	Defuzzification and implication within ordered fuzzy numbers. <b>2010</b> ,	12
365	A new direct adaptive regulator with robustness analysis of systems in Brunovsky form. <b>2010</b> , 20, 319-39	6
364	References. <b>2010</b> , 190-191	
363	Stability Analysis of Fuzzy-Model-Based Control Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2010,	7
362	On the possibility of fuzzy application in learning outcome evaluation. <b>2010</b> ,	1
361	On the Monotonicity of Fuzzy-Inference Methods Related to TâB Inference Method. <b>2010</b> , 18, 629-634	54
360	Probabilistic correlation coefficients for possibility distributions. 2011,	1
359	Direct adaptive regulation of unknownnonlinear systems with analysis of themodel order problem. <b>2011</b> , 12, 1-16	4
358	Intelligent Computational Optimization in Engineering. 2011,	13
357	Layered security architecture for threat management using multi-agent system. 2011, 36, 1-11	6
356	Application of fuzzy logic to Boolean models for digital soil assessment. <b>2011</b> , 166, 15-33	16
355	Fuzzy inference system for identification of geological stratigraphy off Prydz Bay, East Antarctica. <b>2011</b> , 75, 687-698	10
354	Fuzzy Control of Bioprocess. <b>2011</b> , 863-873	
353	Studies on Population Dynamics Using Cellular Automata. <b>2011</b> ,	
352	Fuzzy Logic Modeling For Peripheral End Milling Process. <b>2011</b> , 17, 012050	3

351	Fuzzy parameters in a partial differential equation model for population dispersal of leaf-cutting ants. <b>2011</b> , 12, 3397-3412	17
350	Bioprocess monitoring and control via adaptive sensor calibration. <b>2011</b> , 11, 402-416	10
349	Troubleshooting of crude oil desalination plant using fuzzy expert system. <b>2011</b> , 266, 162-170	7
348	Neural networks and fuzzy logic-based spark advance control of SI engines. <b>2011</b> , 38, 6916-6925	23
347	Disturbance road adaptive driving control of power-assisted wheelchair using fuzzy inference. <b>2011</b> , 2011, 1594-9	4
346	Image-based trajectory tracking with fuzzy control for nonholonomic mobile robots. 2011,	1
345	A simulation study of a helicopter in hover subjected to air blasts. <b>2011</b> ,	3
344	FUZZY LOGIC-BASED TARGET CLASSIFICATION USING KINEMATIC DATA. <b>2011</b> , 42, 430-446	
343	On the Equivalence Conditions of Fuzzy Inference Methodsâ <b>P</b> art 1: Basic Concept and Definition. <b>2011</b> , 19, 1097-1106	23
342	Trajectory tracking of four-wheel steered mobile robots by an image-based fuzzy controller. <b>2012</b> ,	1
341	Dynamic task allocation in cooperative robot teams. <b>2012</b> , 30, 721-730	19
340	Hybrid Fuzzy Skyhook Surface Control Using Multi-Objective Microgenetic Algorithm for Semi-Active Vehicle Suspension System Ride Comfort Stability Analysis. <b>2012</b> , 134,	21
339	Evaluation of Flexible Performance of Reinforced Concrete Structures Using a Nonlinear Static Procedure Provided by Fuzzy Logic. <b>2012</b> , 15, 2173-2190	3
338	WITHDRAWN: A new inference engine: Surface Matching Degree. <b>2012</b> ,	
337	Comparison Between Active Learning Method and Support Vector Machine for Runoff Modeling. <b>2012</b> , 60, 16-32	5
336	References. <b>2012</b> , 277-280	
335	Image-based fuzzy trajectory tracking control for four-wheel steered mobile robots. <b>2012</b> , 17, 130-135	2
334	A neural fuzzy system for asset valuation. <b>2012</b> ,	O

333	Implementation of microcontroller based fuzzy controller. 2012,	1
332	Designing Type-1 and Type-2 Fuzzy Logic Controllers via Fuzzy Lyapunov Synthesis for nonsmooth mechanical systems. <b>2012</b> , 25, 971-979	98
331	Information flow metrics analysis in object oriented programming and metrics validation process by RAA algorithm. <b>2012</b> , 54, 30-37	
330	Using Dempster-Shafer Structures to Provide Probabilistic Outputs in Fuzzy Systems Modeling.  Studies in Fuzziness and Soft Computing, 2012, 301-327	2
329	Abe Mamdani: A Pioneer of Soft Artificial Intelligence. <i>Studies in Fuzziness and Soft Computing</i> , <b>2012</b> , 49-60	4
328	. <b>2012</b> , 42, 1624-1632	17
327	Metrics to Evaluate & Monitor Agile Based Software Development Projects - A Fuzzy Logic Approach. <b>2012</b> ,	4
326	Genetic fuzzy scheduler for spectrum sensing in cognitive radio networks. 2012,	2
325	Direct adaptive neuro-fuzzy trajectory tracking of uncertain nonlinear systems. <b>2012</b> , 26, 660-688	11
324	A feedback glucose control strategy for type II diabetes mellitus based on fuzzy logic. <b>2012</b> , 90, 1411-1417	5
323	Adaptive cruise control look-ahead system for energy management of vehicles. <b>2012</b> , 39, 3874-3885	53
322	ANFIS-based modelling for coagulant dosage in drinking water treatment plant: a case study. <b>2012</b> , 184, 1953-71	61
321	Computational intelligence software for interval type-2 fuzzy logic. <b>2013</b> , 21, 737-747	12
320	A fuzzy logic approach to modeling a vehicle crash test. <b>2013</b> , 3,	2
319	Human Reliability Evaluation for Offshore Platform Musters Using Intuitionistic Fuzzy Sets. <b>2013</b> , 21, 1115-1122	16
318	Optimization of DRASTIC method by supervised committee machine artificial intelligence to assess groundwater vulnerability for Maraghehâ <b>B</b> onab plain aquifer, Iran. <b>2013</b> , 503, 89-100	116
317	Fuzziness and Medicine: Philosophical Reflections and Application Systems in Health Care. <i>Studies in Fuzziness and Soft Computing</i> , <b>2013</b> ,	6
316	Fuzzy logic control and soft sensing applications in food and beverage processes. <b>2013</b> , 29, 254-269	27

315	Introduction to the special issue âBoft computing in humanities and social sciencesâ[]2013, 214, 1-5	1
314	Functional magnetic resonance imaging: comparison between activation maps and computation pipelines in a clinical context. <b>2013</b> , 31, 555-66	2
313	Supplier segmentation using fuzzy logic. <b>2013</b> , 42, 507-517	46
312	A hybrid ANFIS model for business failure prediction utilizing particle swarm optimization and subtractive clustering. <b>2013</b> , 220, 180-195	135
311	On the possibility of fuzzy method and its mathematical framework in OBE measurements. <b>2013</b> , 37, 305-317	3
310	Design of fuzzy controller for liquid level control system based on MATLAB/RTW. 2013,	2
309	Evolutionary Inversion of Swarm Emergence Using Disjunctive Combs Control. 2013, 43, 1063-1076	12
308	A Fuzzy System for Educational Tasks for Children with Reading and Writing Disabilities. <i>Smart Innovation, Systems and Technologies</i> , <b>2013</b> , 57-78	
307	Neural computing in pharmaceutical products and process development. 2013, 91-175	4
306	Bilinear neuro-fuzzy modeling for adaptive approximation and indirect control of nonlinear systems. <b>2013</b> ,	
305	Design and analysis of a high performance three-phase voltage source inverter based on fuzzy logic controller. <b>2013</b> ,	1
304	New Fuzzy Model for Risk Assessment Based on Different Types of Consequences. 2014,	1
303	Epidemiological Models of Directly Transmitted Diseases: An Approach via Fuzzy Sets Theory. <b>2014</b> , 22, 769-781	13
302	Reservoir fluid PVT properties modeling using Adaptive Neuro-Fuzzy Inference Systems. <b>2014</b> , 21, 951-961	11
301	Generating fuzzy rule base classifier for highly imbalanced datasets using a hybrid of evolutionary algorithms and subtractive clustering. <b>2014</b> , 27, 3033-3046	4
300	Linguistic Fuzzy Modelling and Simulation for Fuzzy Logic Controller for Digital to Analog Conversion. <b>2014</b> ,	
299	Converting fuzzy models to rough models. <b>2014</b> ,	1
298	Ozone Pollution Prediction around Industrial Areas Using Fuzzy Neural Network Approach. <b>2014</b> , 42, 871-879	4

297 Supervised Intelligent Committee Machine Method for Hydraulic Conductivity Estimation. **2014**, 28, 1173-1184<sub>30</sub>

296	A new approach for optimizing automotive crashworthiness: concurrent usage of ANFIS and Taguchi method. <b>2014</b> , 49, 485-499	21
295	A new fuzzy logic approach to capacitated dynamic Dial-a-Ride problem. <b>2014</b> , 255, 30-40	11
294	Financial forecasting using ANFIS networks with Quantum-behaved Particle Swarm Optimization. <b>2014</b> , 41, 6235-6250	128
293	Thermal management in laminated die system. <b>2014</b> , 12, 794-804	2
292	Neuro-fuzzy system to predict permeability and porosity from well log data: A case study of Hassi R?Mel gas field, Algeria. <b>2014</b> , 123, 217-229	34
291	Adaptive fuzzy control of uncertain stochastic nonlinear systems with unknown dead zone using small-gain approach. <b>2014</b> , 235, 1-24	64
290	A Graphical User Interface, Fuzzy Based Intelligent Rice Cooker. <b>2015</b> ,	2
289	Supervised Intelligence Committee Machine to Evaluate Field Performance of Photocatalytic Asphalt Pavement for Ambient Air Purification. <b>2015</b> , 2528, 96-105	18
288	Evaluation of the quality of service of the water supply delivery in Lebanon. <b>2015</b> , 5, 17-27	4
287	Developing a fuzzy model for Tehran's air quality. <b>2015</b> , 5, 109-116	1
286	Vehicle Classification Using Adaptive Neuro-Fuzzy Inference System (ANFIS). <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 137-152	
285	A new structure identification scheme for ANFIS and its application for the simulation of virtual air pollution monitoring stations in urban areas. <b>2015</b> , 41, 175-182	23
284	Performances evaluation and comparison of PID controller and fuzzy logic controller for process liquid level control. <b>2015</b> ,	11
283	A Soft Computing Method for Damage Mapping Using VHR Optical Satellite Imagery. <b>2015</b> , 8, 4935-4941	8
282	A fuzzy logic sliding mode controlled electronic differential for a direct wheel drive EV. <b>2015</b> , 102, 1919-1942	13
281	Groundwater quality assessment with respect to fuzzy water quality index (FWQI): an application of expert systems in environmental monitoring. <b>2015</b> , 74, 7229-7238	30
280	. <b>2015</b> , 11, 708-716	5

## (2016-2015)

279	tools of cluster, grouping analysis, and fuzzy set method using GIS platform: a case study of Dalcheon in Ulsan City, Korea. <b>2015</b> , 22, 11209-23		26
278	Software development time estimation based on a new Neuro-fuzzy approach. 2015,		2
277	Automatic selection of color constancy algorithms for dark image enhancement by fuzzy rule-based reasoning. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 28, 1-10	<b>'</b> .5	23
276	Optimization of thrust, torque, entry, and exist delamination factor during drilling of CFRP composites. <b>2015</b> , 76, 401-416		55
275	Management of Uncertainty by Statistical Process Control and a Genetic Tuned Fuzzy System. <b>2016</b> , 2016, 1-11		5
274	Parameter weighting for multi-dimensional fuzzy inference systems. 2016,		
273	. 2016,		O
272	ANFIS based color constancy algorithms selection system for dark image enhancement. <b>2016</b> ,		1
271	Evaluation of the Impact of the Tax Legislation Reforms on the Tax Potential by Fuzzy Inference Method. <b>2016</b> , 102, 507-514		11
270	New neural network and fuzzy logic controllers to monitor maximum power for wind energy conversion system. <b>2016</b> , 106, 137-146		41
269	How to improve WEEE management? Novel approach in mobile collection with application of artificial intelligence. <b>2016</b> , 50, 222-33		59
268	Incorporation of negative rules and evolution of a fuzzy controller for yeast fermentation process. <b>2016</b> , 39, 1225-33		4
267	Image-based fuzzy control of a car-like mobile robot for parking problems. <b>2016</b> ,		O
266	Application of dynamic fuzzy rule interpolation for intrusion detection: D-FRI-Snort. 2016,		18
265	Updating probabilistic method of the fuzzy control model's parameters of the production facilities. <b>2016</b> ,		
264	Practical Methods for Constructing Possibility Distributions. <b>2016</b> , 31, 215-239		36
263	Comparative evaluation of artificial intelligence models for prediction of uniaxial compressive strength of travertine rocks, Case study: Azarshahr area, NW Iran. <b>2016</b> , 2, 1		30
262	A supervised committee machine artificial intelligent for improving DRASTIC method to assess groundwater contamination risk: a case study from Tabriz plain aquifer, Iran. <b>2016</b> , 30, 883-899		48

261	The granular extension of Sugeno-type fuzzy models based on optimal allocation of information granularity and its application to forecasting of time series. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 42, 38-52	16
260	A comprehensive collapse fragility assessment of moment resisting steel frames considering various sources of uncertainties. <b>2016</b> , 43, 118-131	3
259	Evolutionary fuzzy intelligent system for multi-objective supply chain network designs: an agent-based optimization state of the art. <b>2017</b> , 28, 1551-1579	7
258	Assessment of groundwater vulnerability using supervised committee to combine fuzzy logic models. <b>2017</b> , 24, 8562-8577	51
257	Optimized Control and Sizing of Standalone PV-wind Energy Conversion System. 2017, 107, 76-84	10
256	Re-construction of the shut-down PM10 monitoring stations for the reliable assessment of PM10 in Berlin using fuzzy modelling and data transformation. <b>2017</b> , 189, 134	
255	Optimization of MRR, Surface Roughness, and Maximum Tool-Tip Temperature during Machining of CFRP Composites. <b>2017</b> , 4, 2761-2770	5
254	A fuzzy fusion approach to enlighten the îlluminated regions of night surveillance videos. <b>2017</b> , 32, 3143-314	9 3
253	Mapping vulnerability of multiple aquifers using multiple models and fuzzy logic to objectively derive model structures. <b>2017</b> , 593-594, 75-90	46
252	Control of a biochemical process using fuzzy approach. <b>2017</b> ,	2
251	Supporting mobile WEEE collection on demand: A method for multi-criteria vehicle routing, loading and cost optimisation. <b>2017</b> , 69, 377-392	24
250	Performance evaluation of the distance education system with fuzzy logic. 2017,	
249	Basics of Fuzzy Logic. <b>2017</b> , 39-52	
248	A Multi-Agent System for Acquired Brain Injury rehabilitation in Ambient Intelligence environments. <b>2017</b> , 231, 11-18	15
247	Application of JAYA algorithm for the optimization of machining performance characteristics during the turning of CFRP (epoxy) composites: comparison with TLBO, GA, and ICA. <b>2017</b> , 33, 457-475	48
246	Intelligent methods for predicting nuclear magnetic resonance of porosity and permeability by conventional well-logs: a case study of Saharan field. <b>2017</b> , 10, 1	7
245	Fuzzy model of transfer criteria for network distribution to 20 kV voltage. 2017,	0
244	Strategic Evaluation Tool for Surface Water Quality Management Remedies in Drinking Water Catchments. <b>2017</b> , 9, 738	3

243	Trajectory Tracking of a Tri-Rotor Aerial Vehicle Using an MRAC-Based Robust Hybrid Control Algorithm. <b>2017</b> , 4, 3	5
242	Software/hardware design of decision-making controllers for object navigation in horizontal plane. <b>2017</b> , 24,	
241	Supervised committee fuzzy logic model to assess groundwater intrinsic vulnerability in multiple aquifer systems. <b>2018</b> , 11, 1	8
240	Machining performance optimization during plasma arc cutting of AISI D2 steel: application of FIS, nonlinear regression and JAYA optimization algorithm. <b>2018</b> , 40, 1	8
239	Fuzzy position-velocity control of underactuated finger of FTN robot hand. 2018, 34, 2723-2736	3
238	Prediction of effluent quality parameters of a wastewater treatment plant using a supervised committee fuzzy logic model. <b>2018</b> , 180, 539-549	86
237	Estimation Models of the Amberjack (Seriola) Quality by Using Fuzzy Inference. <b>2018</b> , 30, 509-516	
236	Dynamic portfolio insurance strategy: a robust machine learning approach** This paper is an extended version of our previous work that was presented at INISTA 2017 and had been selected for possible publication in the Journal of Information and Telecommunication published by Taylor	3
235	Multi-Criteria Decision Making with Interval Criteria Satisfactions Using the Golden Rule Representative Value. <b>2018</b> , 26, 1023-1031	29
234	Proposal of a fuzzy-based PMU for detection and classification of disturbances in power distribution networks. <b>2018</b> , 94, 27-40	18
233	A review on stability analysis of continuous-time fuzzy-model-based control systems: From membership-function-independent to membership-function-dependent analysis. <b>2018</b> , 67, 390-408	139
232	Uncertain dynamical system-based decision making with application to production-inventory problems. <b>2018</b> , 56, 275-288	14
231	Utilization of Fuzzy Logic Control in a Waste Robot. <b>2018</b> ,	1
230	Fuzzy Volatility Effect on Major Projects Timing. 2018,	2
229	A method of intra-ventricular bioimpedance spectroscopy to estimate the dynamic volume of right ventricle. <b>2018</b> , 169-188	
228	Hybrid Model Based Control of Propylene Copolymerization in Fluidized Bed Reactor. <b>2018</b> , 44, 751-756	1
227	An evaluation of machine learning and artificial intelligence models for predicting the flotation behavior of fine high-ash coal. <b>2018</b> , 29, 3493-3506	16
226	Fuzz-iDEVS: An approach to model imprecisions in Discrete Event Simulation. <b>2018</b> , 34, 2143-2157	5

225	On Approximation Properties of Smooth Fuzzy Models. <b>2018</b> , 20, 2657-2667		10
224	Feedback Control Theory for Dynamic Traffic Assignment. <i>Advances in Industrial Control</i> , <b>2018</b> , o	.3	4
223	Fuzzy Feedback Control for Dynamic Routing Problem. <i>Advances in Industrial Control</i> , <b>2018</b> , 167-197 o	.3	
222	Fault Diagnosis for Wind Turbine Systems. <b>2018</b> , 43-75		
221	References. <b>2018</b> , 201-209		
220	The Value Index as a decision support tool applied to a new system for evaluating and selecting design alternatives. <b>2018</b> , 113, 278-300		8
219	A soft sensor based on online biomass measurements for the glucose estimation and control of fed-batch cultures of Bacillus thuringiensis. <b>2018</b> , 41, 1471-1484		8
218	Mamdani-Type Fuzzy Inference System for Evaluation of Tax Potential. <i>Studies in Fuzziness and Soft Computing</i> , <b>2018</b> , 511-523	·7	6
217	Artificial intelligence models for predicting the performance of hydro-pneumatic suspension struts in large capacity dump trucks. <b>2018</b> , 67, 283-295		19
216	Fuzzy rule bases with generalized belief structure inputs. <b>2018</b> , 72, 93-98		23
215	Interval Granular Fuzzy Models: Concepts and Development. <i>IEEE Access</i> , <b>2019</b> , 7, 24140-24153	.5	6
214	PRODUCTIVE RESPONSES FROM BROILER CHICKENS RAISED IN DIFFERENT COMMERCIAL PRODUCTION SYSTEMS - PART I: FUZZY MODELING. <i>Engenharia Agricola</i> , <b>2019</b> , 39, 1-10	.6	4
213	PERTINENCE CURVES IN FUZZY MODELING OF THE PRODUCTIVE RESPONSES OF BROILERS.  Engenharia Agricola, <b>2019</b> , 39, 265-271	.6	1
212	A novel high-order fuzzy time series forecasting method based on probabilistic fuzzy sets. <b>2019</b> , 4, 699-71	3	16
211	Three novel fuzzy logic concepts applied to reshoring decision-making. <b>2019</b> , 126, 133-143		24
210	Position control of a quadcopter drone using evolutionary algorithms-based self-tuning for first-order TakagiâBugenoâRang fuzzy logic autopilots. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 78, 373-392	.5	15
209	Adaptive neuro-fuzzy inference system based maximum power point tracking for stand-alone photovoltaic system. <b>2019</b> , 33, 311		15
208	A Deep Neural Network Based Human Following Robot with Fuzzy Control. <b>2019</b> ,		1

207	. 2019,		2
206	An integrated multi-response optimisation route combining principal component analysis, fuzzy inference system, nonlinear regression and JAYA algorithm: a case experimental study on machining of GFRP (epoxy) composites. <b>2019</b> , 32, 497		2
205	Online Self-learning for Smart HVAC Control. <b>2019</b> ,		1
204	Modeling and optimization of ultrasound-assisted cinnamon extraction process using fuzzy and response surface models. <b>2019</b> , 42, e12978		4
203	Fuzzy Lyapunov Synthesis for Nonsmooth Mechanical Systems. <i>Studies in Fuzziness and Soft Computing</i> , <b>2019</b> , 43-54	0.7	
202	Adaptive Neuro-Fuzzy Inference System integrated with solar zenith angle for forecasting sub-tropical Photosynthetically Active Radiation. <b>2019</b> , 8, e00151		12
201	Efficient control of integrated power system using self-tuned fractional-order fuzzy PID controller. <b>2019</b> , 31, 4137-4155		19
200	Mapping the risk of winter storm damage using GIS-based fuzzy logic. <b>2020</b> , 31, 729-742		2
199	PID-Like Adaptive Fuzzy Controller Design Based on Absolute Stability Criterion. <b>2020</b> , 28, 523-533		4
198	Response identification of air flow sensors using fuzzy system for embedded electronics. <b>2020</b> , 151, 107070		
197	Fuzzy inference system to study the behavior of the green consumer facing the perception of greenwashing. <b>2020</b> , 242, 116064		27
196	Type-1 fuzzy logic algorithm for low cost embedded systems. <b>2020</b> , 88, 106861		3
195	A Methodology Based on Expert Systems for the Early Detection and Prevention of Hypoxemic Clinical Cases. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	6
194	The Tractor-Cart System Controller with Fuzzy Logic Rules. <b>2020</b> , 10, 5223		
193	Design and Development of a Methodology Based on Expert Systems, Applied to the Treatment of Pressure Ulcers. <b>2020</b> , 10,		7
192	River Flow Estimation Using Artificial Intelligence and Fuzzy Techniques. <b>2020</b> , 12, 2427		3
191	Assessing groundwater quality for drinking water supply using hybrid fuzzy-GIS-based water quality index. <b>2020</b> , 179, 115867		60
190	A study of subsidence hotspots by mapping vulnerability indices through innovatory âALPRIFTâII using artificial intelligence at two levels. <b>2020</b> , 79, 3989-4003		9

189	Release modeling of nanoencapsulated food ingredients by artificial intelligence algorithms. <b>2020</b> , 311-34	17 1
188	Application of the ANP and fuzzy set to develop a construction quality index: A case study of Taiwan construction inspection. <b>2020</b> , 38, 3011-3026	3
187	Type-2 Combined T-S Adaptive Fuzzy Control. <b>2020</b> , 2020, 1-15	1
186	Framework and implementation of a fuzzy logic filter-an optimization strategy for the BWMS based on stakeholders' perspectives. <b>2020</b> , 27, 37790-37801	1
185	A Psychologically Inspired Fuzzy Cognitive Deep Learning Framework to Predict Crowd Behavior. <b>2020</b> , 1-1	3
184	Driverâl black box: a system for driver risk assessment using machine learning and fuzzy logic. <b>2021</b> , 25, 482-500	11
183	Lyapunov approach based design of a gain adaptive interval type-2 fuzzy controller for servo systems. <b>2021</b> , 40, 4187-4205	
182	Permeability prediction in argillaceous sandstone reservoirs using fuzzy logic analysis: A case study of triassic sequences, Southern Hassi R'Mel Gas Field, Algeria. <b>2021</b> , 173, 104049	8
181	A Clinical Decision Support System based on fuzzy rules and classification algorithms for monitoring the physiological parameters of type-2 diabetic patients. <b>2021</b> , 18, 2653-2674	8
180	After Thematic Analysis: Introducing the Fuzzy Thematic Network Analysis in Psychological Research. <b>2021</b> , 399-406	
179	Exponential Contingency Explosion: Implications for Artificial General Intelligence. <b>2021</b> , 1-9	O
178	Research on ride comfort of vibratory rollers: Part-2 Cabâā semi-active HPM with fuzzy control.	
177	A psychologically-inspired fuzzy-based approach for user personality prediction in rumor propagation across social networks. <b>2021</b> , 1-15	
176	Model-Free Optimal Control using SPSA with Complex Variables. 2021,	
175	Fuzzy inverse logic: part-1. introduction and bases.	O
174	Genetic-fuzzy logic model for a non-invasive measurement of a stroke volume. <b>2021</b> , 203, 106046	3
173	Fuzzy inverse logic: part-2. validation and evaluation of the method.	O
172	Application of machine learning method to control the vibration of the carâl suspension system.  Vibroengineering PROCEDIA, <b>2021</b> , 38, 44-49	4

171	Forecasting inflation in Latin American countries using a SARIMAâIISTM combination. <b>2021</b> , 25, 10851-10862	2
170	Hybrid intelligent telemedical monitoring and predictive systems. <b>2021</b> , 17, 43-57	2
169	Combining Knowledge- and Data-driven Fuzzy Approach to Evaluate Shelf-life of Various Seafood Products.	1
168	Multicriteria-analysis of deep groundwater quality using WQI and fuzzy logic tool in GIS: A case study of Kebilli region, SW Tunisia. <b>2021</b> , 180, 104224	4
167	FUZZY LOGIC MODELING OF THE OCULAR TEMPERATURE OF CATTLE IN THERMAL STRESS CONDITIONS. <i>Engenharia Agricola</i> , <b>2021</b> , 41, 418-426	О
166	Artificial Intelligence to Model the Performance of Concrete Mixtures and Elements: A Review. 1	4
165	Hybrid fuzzy-GMC control of gas-phase propylene copolymerization in fluidized bed reactors. <b>2021</b> , 8, 100161	0
164	Seismic risk assessment and intervention prioritization for Italian medieval churches. <b>2021</b> , 43, 103061	3
163	Application of a Genetic Algorithm With a Fuzzy Objective Function for Optimized Siting of Electric Vehicle Charging Devices in Urban Road Networks. <b>2021</b> , 1-12	4
162	Optimization of National Rice Production with Fuzzy Logic using Mamdani Method. <b>2021</b> , 1, 36-43	О
161	Exponential Stability of Stochastic Takagi-Sugeno Fuzzy Systems under Intermittent Dynamic Event-Triggered Control. <b>2021</b> , 1-1	4
160	Fuzzy Control for Robot Manipulators with Artificial Rubber Muscles. <b>1994</b> , 493-510	5
159	Fuzzy Petri Nets and Applications. <b>1994</b> , 511-527	12
158	Intelligent Fuzzy PID Controller. <b>2008</b> , 241-260	3
157	Fuzzyism and Real World Problems. <b>1980</b> , 129-132	3
156	Process Control Using Fuzzy Logic. <b>1980</b> , 249-265	6
155	Fuzzy Logic as Logic. <b>1995</b> , 21-30	8
154	Expert System Methodology in Process Supervision and Control. <b>1989</b> , 181-215	2

153	Computational Intelligence Methodologies in Fault Diagnosis: Review and State of the Art. <b>2006</b> , 1-36		3
152	Framsticks. <b>2009</b> , 107-148		9
151	Increasing the Safety of Flights with the Use of Mathematical Model Based on Status Functions. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 608-621	0.8	7
150	From Type-1 to Type-2 Fuzzy Logic Control: A Stability and Robustness Study. <b>2007</b> , 135-149		2
149	Systematic Design of a Stable Type-2 Fuzzy Logic Controller. <b>2008</b> , 319-331		4
148	Fuzzy-Evolutionary Modeling for Single-Position Day Trading. <b>2008</b> , 131-159		6
147	Fuzziness in Materials Flow and Plant Layout. Studies in Fuzziness and Soft Computing, 2010, 359-380	0.7	1
146	Modeling Turning Points in Financial Markets with Soft Computing Techniques. <b>2010</b> , 147-167		4
145	Fuzzy Skyhook Surface Control Using Micro-Genetic Algorithm for Vehicle Suspension Ride Comfort. <b>2011</b> , 357-394		2
144	A Quantitative View on Quasi Fuzzy Numbers. Studies in Fuzziness and Soft Computing, 2012, 225-236	0.7	1
143	The Experimenter and the Theoretician âlLinguistic Synthesis to Tell Machines What to Do. <i>Studies in Fuzziness and Soft Computing</i> , <b>2012</b> , 329-358	0.7	4
142	Implications on Ordered Fuzzy Numbers and Fuzzy Sets of Type Two. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 247-255	0.9	3
141	Stochastic Fuzzy Sets: A Survey. <b>1988</b> , 168-183		12
140	Qualitative Modelling of Physical Systems for Knowledge Based Control. 1988, 31-51		2
139	An Analysis of Fuzzy Models and a Discussion of their Limitations. <b>1978</b> , 384-385		2
138	Edge Extraction Using Fuzzy Reasoning. Studies in Fuzziness and Soft Computing, 2000, 44-78	0.7	2
137	Fuzzy Systems Theory: A Framework for the Analysis of Humanistic Systems. 1982, 25-41		12
136	Design and simulation of a fuzzy controller for fed-batch yeast fermentation. <b>1995</b> , 13, 141		1

135	KNOWLEDGE ENGINEERING APPROACH TO SYSTEM MODELLING, DIAGNOSIS, SUPERVISION AND CONTROL. <b>1987</b> , 15-22		5
134	Comparison of Mental Workload and Available Capacity in Complex Person-Machine Systems. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 6, 271-288		2
133	A Linguistic Self-Organizing Process Controller**Received April 12, 1977; revised April 11, 1978; revised June 26, 1978. The original version of this paper was not presented at any IFAC meeting.  This paper was recommended for publication in revised form by associate editor B. Gaines <b>1993</b> , 317-3	32	1
132	Mean-value-based functional reasoning techniques in the development of fuzzy neural network control systems. <b>1998</b> , 243-284		2
131	Discrimination of Human Forearm Motions on the Basis of Myoelectric Signals by Using Adaptive Fuzzy Inference System. <b>2010</b> , 130, 1272-1278		7
130	Uso da lĝica fuzzy na caracteriza <b>ö</b> do ambiente produtivo para matrizes gestantes. <i>Engenharia Agricola</i> , <b>2007</b> , 27, 83-92	0.6	19
129	On the Monotonicity of Fuzzy Inference Models. <b>2012</b> , 16, 592-602		4
128	Mamdani Fuzzy Systems for Modelling and Simulation: A Critical Assessment.		4
127	Ride comfort performance of heavy truck with three control cases of semi-active isolation systems. <i>Vibroengineering PROCEDIA</i> , <b>2019</b> , 22, 93-98	0.4	3
126	A Fuzzy Logic Evaluation Method for Environmental Assessment. 24, 275-298		2
125	A Method to Estimate Relative Recruitment from Cagch-at-Age Data Using Fuzzy Control Theory. <b>1995</b> , 61, 401-405		5
124	Design and Development of a New Methodology Based on Expert Systems Applied to the Prevention of Indoor Radon Gas Exposition Risks. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 18,	4.6	5
123	A Hybrid Approach towards the Assessment of Groundwater Quality for Potability: A Fuzzy Logic and GIS Based Case Study of Tiruchirappalli City, India. <b>2010</b> , 02, 152-162		1
122	Granularity and Specificity in Fuzzy Rule-Based Systems. <i>Studies in Fuzziness and Soft Computing</i> , <b>2001</b> , 257-274	0.7	1
121	A Knowledge Discovery by Fuzzy Rule Based Hopfield Network. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 74-79	0.9	
120	Implementation of Nonlinear Fuzzy Models Using Microcontrollers. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 55-61	0.9	O
119	Processing of Linguistic Symbols in a Multi-Level Neural Network. 2002,		
118	Effect of Rule Representation in Rule Base Reduction. <i>Studies in Fuzziness and Soft Computing</i> , <b>2003</b> , 303-324	0.7	

117 Bibliography. **2004**, 349-375

116	Multiple-Valued Logic and Artificial Intelligence Fundamentals of Fuzzy Control Revisited. <b>2004</b> , 9-37		2
115	Stochastic Gas Turbine Engine Models. <i>Advances in Industrial Control</i> , <b>2004</b> , 217-232	0.3	
114	Distributed Routing in Communication Networks using the Temporal Fuzzy Classifier System âla Study on Evolutionary Multi-Agent Control. <i>Studies in Fuzziness and Soft Computing</i> , <b>2004</b> , 203-222	0.7	
113	Modular Neural Network with Fuzzy Integration of Responses for Face Recognition. 2009, 131-158		
112	Controlling Unstable Non-Minimum-Phase Systems with Fuzzy Logic: The Perturbed Case. <b>2009</b> , 245-25	57	
111	Risk based decision support system for the pumping process in contaminated groundwater remediation. <b>2009</b> ,		
110	Fuzzyâ <b>E</b> volutionary Modeling of Customer Behavior for Business Intelligence. <i>Studies in Fuzziness and Soft Computing</i> , <b>2010</b> , 207-225	0.7	
109	Fuzzy Adaptive Swarm Optimization Algorithm for Discrete Environments. <b>2010</b> , 213-220		
108	Model of Auctioneer Estimation of Swordtip Squid (Loligo edulis) Quality. <b>2011</b> , 10, 99-107		3
107	Fuzzy Control of Bioprocess. <b>2011</b> , 933-942		1
106	Fuzzy Inference Based Regenerative Braking Control of Handle Type Electric Wheelchair for Senior Citizen. <b>2011</b> , 23, 5-11		1
105	LQR-Mapped Fuzzy Controller Applied to Attitude Stabilization of a Power-Aided-Unicycle. <b>2011</b> , 98-10	)3	
104	Optimal Fuzzy Controller Mapped from LQR under Power and Torque Constraints. <b>2011</b> , 104-109		1
103	Estimation of Optimal Measurement Position of Human Forearm EMG Signal by Discriminant Analysis Based on Wilks' lambda. <b>2012</b> , 132, 411-417		
102	Fuzzy Inference Based Obstacle Avoidance Control of Electric Powered Wheelchair Considering Driving Risk. <b>2012</b> , 132, 952-959		3
101	Fuzzy Sets and Systems before the Fuzzy Boom. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 541-551	0.3	
100	Enhanced Rule Accuracy Algorithm for Validating Software Metrics. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 406-412	0.3	

99	Living in an Uncertain Universe. Studies in Fuzziness and Soft Computing, 2013, 797-811	0.7	
98	On Probabilistic Correlation Coefficients for Fuzzy Numbers. <b>2013</b> , 249-263		
97	A âlloodbye to the Aristotelian Weltanschauungâlland a Handbook of Analytical Philosophy of Medicine. Studies in Fuzziness and Soft Computing, <b>2013</b> , 19-76	0.7	1
96	Introduction and Scope of Part I. Advances in Industrial Control, 2014, 3-23	0.3	
95	An Example of Linguistic Modelling: A Second Attempt at Simulation of Mulderâl Theory of Power. <b>1978</b> , 37-62		
94	Towards an Analysis of Linguistic Modelling. <b>1978</b> , 369-371		
93	Command Decomposition as a Decision-Making Problem. <b>1984</b> , 401-414		1
92	Research Guide to Applications of Fuzzy Set Theory in Human Factors. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 6, 395-450		
91	Fuzzy Logic Controller as a Model of the Thermal Regulation Processes in Man. <i>Advances in Human Factors/Ergonomics</i> , <b>1986</b> , 6, 315-327		
90	Evaluation and Conclusion. 1989, 142-153		
90 89	Evaluation and Conclusion. <b>1989</b> , 142-153  Inference Algorithms in Knowledge-Based Systems. <b>1989</b> , 205-223		
		0.9	1
89	Inference Algorithms in Knowledge-Based Systems. <b>1989</b> , 205-223	0.9	1
89	Inference Algorithms in Knowledge-Based Systems. <b>1989</b> , 205-223  Towards a logic for a fuzzy logic controller. <i>Lecture Notes in Computer Science</i> , <b>1991</b> , 166-170	0.9	1
89 88 87	Inference Algorithms in Knowledge-Based Systems. 1989, 205-223  Towards a logic for a fuzzy logic controller. Lecture Notes in Computer Science, 1991, 166-170  KNOWLEDGE BASED CONTROL: SELECTING THE RIGHT TOOL FOR THE JOB. 1993, 1-9  Fuzzy-Control ffl Echtzeitanwendungen: Einffirung und Bersicht. 1994, 107-128  PRACTICAL VALUES OF CONTROL PARAMETERS ON FUZZY NONLINEAR HYSTERETIC RESPONSE CONTROL OF BUILDING STRUCTURES: A Study on Applicability of Fuzzy Set Theory to Seismic Response Control of Building Structures (II). Journal of Structural and Construction Engineering,	0.9	1 5
89 88 87 86	Inference Algorithms in Knowledge-Based Systems. 1989, 205-223  Towards a logic for a fuzzy logic controller. <i>Lecture Notes in Computer Science</i> , 1991, 166-170  KNOWLEDGE BASED CONTROL: SELECTING THE RIGHT TOOL FOR THE JOB. 1993, 1-9  Fuzzy-Control ffl Echtzeitanwendungen: Einffirung und Bersicht. 1994, 107-128  PRACTICAL VALUES OF CONTROL PARAMETERS ON FUZZY NONLINEAR HYSTERETIC RESPONSE CONTROL OF BUILDING STRUCTURES: A Study on Applicability of Fuzzy Set Theory to Seismic	Í	
89 88 87 86 85	Inference Algorithms in Knowledge-Based Systems. 1989, 205-223  Towards a logic for a fuzzy logic controller. Lecture Notes in Computer Science, 1991, 166-170  KNOWLEDGE BASED CONTROL: SELECTING THE RIGHT TOOL FOR THE JOB. 1993, 1-9  Fuzzy-Control ffiEchtzeitanwendungen: Einffirung und Bersicht. 1994, 107-128  PRACTICAL VALUES OF CONTROL PARAMETERS ON FUZZY NONLINEAR HYSTERETIC RESPONSE CONTROL OF BUILDING STRUCTURES: A Study on Applicability of Fuzzy Set Theory to Seismic Response Control of Building Structures (II). Journal of Structural and Construction Engineering, 1995, 60, 95-105  AN AUTOMATIC SEGMENTATION METHOD OF SOFT TISSUES FROM MR IMAGES AND ITS	0.4	

81 Approximation aspects of fuzzy models. **1998**,

80	Process modeling, optimization and control in electronics manufacturing. <b>1998</b> , 185-220		1
79	Fuzzy and Linear Controllers. <b>1998</b> , 197-225		
78	Fuzzified Petri-Nets and Their Application to Organising Supervisory Controller. <b>1998</b> , 260-282		3
77	Rapid Prototyping Techniques for Fuzzy Controllers. Lecture Notes in Computer Science, 1999, 37-49	0.9	2
76	Fuzzy Feedback Control for Dynamic Traffic Routing. Advances in Industrial Control, 1999, 121-153	0.3	
75	Fuzzy Regelung. <b>1999</b> , 302-334		
74	FORECASTING OF SHIPåß CONSTRUCTION COST BY USING THE METHOD OF THE FUZZY SETS THEORY. <i>Strategiæskie Rel</i> enil Risk-Menedlinent, <b>2014</b> , 74-80	0.6	
73	PREDICTION OF HOT CARCASS YIELD IN BEEF CATTLE USING FUZZY EXPERT SYSTEM. <i>Brazilian Journal of Biosystems Engineering</i> , <b>2014</b> , 8, 158-164	0.1	
72	The Genesis of Fuzzy Sets and Systems âlʿAspects in Science and Philosophy. <i>Studies in Fuzziness and Soft Computing</i> , <b>2015</b> , 537-580	0.7	
71	Application of Fuzzy Logic for Mapping the Agro-Ecological Zones. <i>Advances in Computational Intelligence and Robotics Book Series</i> , <b>2015</b> , 351-377	0.4	
70	A Pedestrian Collision Warning System using a Fuzzy Logic. <i>Journal of Broadcast Engineering</i> , <b>2015</b> , 20, 440-448		1
69	References. <b>2015</b> , 151-159		
68	Introduction. Studies in Systems, Decision and Control, <b>2016</b> , 3-38	0.8	
67	Application of Fuzzy Logic for Mapping the Agro-Ecological Zones. 2017, 782-806		1
66	Vehicles Fuzzy Control Under the Conditions of Uncertainty. <b>2017</b> , 97-136		
65	Constructing Structural Equation Model Rule-Based Fuzzy System with Genetic Algorithm. <b>2017</b> , 132-	152	
64	An Innovative and Improved Mamdani Inference (IMI) Method. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 413-422	0.9	

### (2020-2018)

63	Novel Pattern Recognition Method for Analysis the Radiation Exposure in Cancer Treatment. <i>Communications in Computer and Information Science</i> , <b>2018</b> , 106-118	0.3	
62	Fuzzy Control for Systems with Dead-Zone and Backlash. <i>Studies in Fuzziness and Soft Computing</i> , <b>2019</b> , 55-71	0.7	1
61	Fuzzy PID Controller for Magnetic Levitation System. <i>Smart Innovation, Systems and Technologies</i> , <b>2020</b> , 655-663	0.5	О
60	Parameter Optimization Control of Multiple Response Process Based on Hesitant Fuzzy Sets. Lecture Notes in Electrical Engineering, <b>2020</b> , 287-295	0.2	
59	MATHEMATICAL INPUT-OUTPUT RELATIONSHIPS & ANALYSIS OF FUZZY PD CONTROLLERS. Journal of Mechanics of Continua and Mathematical Sciences, <b>2020</b> , 15,	0.8	
58	Prediction of energy consumption of residential buildings in northern Cyprus using fuzzy interference system. <i>Energy and Buildings</i> , <b>2021</b> , 256, 111555	7	1
57	FPGA Implementation of Interval Type-2 Fuzzy System Based on Nie-Tan Algorithm. 2020,		
56	Proposal and Definition of a Methodology for Remote Detection and Prevention of Hypoxemic Clinical Cases in Patients Susceptible to Respiratory Diseases. <b>2019</b> ,		2
55	Control the ride comfort of soil compactor with semi-active seat suspension and cabâl horizontal damper. <i>Vibroengineering PROCEDIA</i> , <b>2020</b> , 30, 91-96	0.4	1
54	Fuzzy Logic Applications for Performance-Based Design. <i>Advances in Civil and Industrial Engineering Book Series</i> , 239-260	0.5	
53	Dynamic Control Mechanisms for User Privacy Enhancement. 534-556		
52	Analysis, Design, Implementation and Critical Appreciation of Fuzzy Logic Controller. <b>1994</b> , 199-275		
51	Fuzzy Inference and Control Methods Involving Two Kinds of Uncertainties. 2006, 173-194		
50	Knowledge-based Tuning II: Law Tuning of a Fuzzy Lookup Table. <b>2006</b> , 67-81		
49	Background on Soft Computing. <b>2008</b> , 451-501		
48	Network Systemâ\ Vulnerability Quantification Using Multi-layered Fuzzy Logic Based on GQM. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 100-115	0.4	
47	The Socio-Systems Theory Based on Activity. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1986</b> , 19, 77-82		
46	Proposal of a Methodology based on Expert Systems for the Treatment of Diabetic Foot Condition. <b>2020</b> ,		3

45	Ranking novel extraction systems of seedless barberry (Berberis Vulgaris) bioactive compounds with fuzzy logic-based term weighting scheme. <i>Sustainable Chemistry and Pharmacy</i> , <b>2022</b> , 25, 100561	3.9	2
44	Learning of Fuzzy Rules for Avoidance of a Moving Obstacle in a Mobile Robot. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , <b>2021</b> , 34, 209-218	0.1	
43	Mathematical Modeling and Fault Description. <b>2021</b> , 1-55		
42	Bulan <del>k</del> Mantk Yakla <del>lh</del> ỹla Sfieklik Dfieyi S <del>ñfl'B</del> etonarme Kirilerin Kesme Dayanmalar <del>ññ</del> Hesab <i>ALK</i> T <i>en Bilimleri Dergisi</i> ,	0.1	
41	Nonlinear Methods for Fault Diagnosis. <b>2021</b> , 1-56		
40	Randomized neural networks for multilabel classification. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 10818	<b>4</b> 7.5	1
39	Conceptual Design of a New Methodology Based on Intelligent Systems Applied to the Determination of the User Experience in Ambulances. <b>2021</b> ,		О
38	Review of Recent Control Strategies for the Traction Converters in High-Speed Train. <i>IEEE Transactions on Transportation Electrification</i> , <b>2022</b> , 1-1	7.6	1
37	Autonomous Socially Assistive Drones Performing Personalized Dance Movement Therapy: An Adaptive Fuzzy-Logic-Based Control Approach for Interaction With Humans. <i>IEEE Access</i> , <b>2022</b> , 10, 1574	ı <i>6</i> -∮57	7đ
36	Design and Development of an Intelligent Clinical Decision Support System Applied to the Evaluation of Breast Cancer Risk <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	3
35	Functioning Fuzzy Logic in Optimizing the Solar Systems Work.		
34	FUZZY MODELING FOR RAPID COOLING OF TABLE GRAPES IN DIFFERENT PLASTIC FILM BAGS. <i>Engenharia Agricola</i> , <b>2022</b> , 42,	0.6	
33	A Decision-Making Methodology Based on Expert Systems Applied to Machining Tools Condition Monitoring. <i>Mathematics</i> , <b>2022</b> , 10, 520	2.3	3
32	Contextual Isotope Ranking Criteria for Peak Identification in Gamma Spectroscopy Using a Large Database. <i>IEEE Transactions on Nuclear Science</i> , <b>2022</b> , 1-1	1.7	
31	SAGMADâl Signature Agnostic Malware Detection System Based on Binary Visualisation and Fuzzy Sets. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 1044	2.6	3
30	A Fuzzy Inference System for the Assessment of Indoor Air Quality in an Operating Room to Prevent Surgical Site Infection <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	3
29	Intelligent and Probabilistic Models for Evaluating the Release of Food Bioactive Ingredients from Carriers/Nanocarriers. <i>Food and Bioprocess Technology</i> ,	5.1	2
28	Optimization of Fuzzy Logic Based Virtual Pilot for Wargaming. <i>Mathematics</i> , <b>2021</b> , 9, 3169	2.3	O

27	Flexible Manufacturing System with Uncertainty Management Using Fuzzy Logic for Machine Shop. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 589-600	0.5
26	FUZZY MODELING FOR THE ANALYSIS OF DIFFERENT LIGHT INTENSITIES IN THE PRODUCTION OF BELL PEPPER SEEDLINGS. <i>Engenharia Agricola</i> , <b>2022</b> , 42,	0.6
25	Prediction of the Annual Yield of Citrus Growth in the Guzelyurt District Using Fuzzy Inference Systems. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 168-176	0.5
24	Commutersâl Accessibility to Transportation Lifelines in Karaj city, Iran: A Fuzzy Approach. Sustainable Cities and Society, <b>2022</b> , 104037	10.1
23	Decentralized Fuzzy Control for Minimum and Non-minimum Phase of a Coupled Four-Tank System. <b>2022</b> , 652-662	
22	Operational safety risk assessment of water diversion infrastructure based on FMEA with fuzzy inference system.	1
21	Prediction of hydraulic conductivity based on the soil grain size using supervised committee machine artificial intelligence.	1
20	Electro-Hydraulic Proportional Position Control Based On Variable Domain Fuzzy PID. 2022,	Ο
19	Fuzzy Inverse Logic Method and Its Usage in the Design of Steel Truss System Elements Constructed with Steel Pipe Profiles.	Ο
18	Review of the limitations and potential empirical improvements of the parametric group method of data handling for rainfall modelling.	O
17	FUZZY CONTROLLER APPLIED TO TEMPERATURE ADJUSTMENT IN INCUBATION OF FREE-RANGE EGGS. <b>2022</b> , 42,	Ο
16	Shear strength estimations and shear designs on RC beams with limited ductility by FL and FIL methods.	Ο
15	Predicting the compressive strength of eco-friendly and normal concretes using hybridized fuzzy inference system and particle swarm optimization algorithm.	0
14	Situation-Aware Iot Data Generation towards Performance Evaluation of Iot Middleware Platforms. <b>2023</b> , 23, 7	Ο
13	Robust fuzzy stabilization control for the traction converters in high-speed train. <b>2023</b> , 132, 105423	Ο
12	Design and Conceptual Development of a Novel Hybrid Intelligent Decision Support System Applied towards the Prevention and Early Detection of Forest Fires. <b>2023</b> , 14, 172	1
11	Fuzzy Model for Determining the Risk Premium to the Rental Rate When Renting Technological Equipment. <b>2023</b> , 11, 541	0
10	Integrated approach for occupational health and safety (OHS) risk Assessment: An Empirical (Case) study in Small enterprises. <b>2023</b> , 164, 106143	O

9	A product evaluation and innovation process based on the circular design degree and patents evolution. <b>2023</b> , 405, 136888	О
8	A novel combined FFOC-DPC control for wind turbine based on the permanent magnet synchronous generator. <b>2023</b> , 9, 3204-3221	O
7	Decision support system to classify the vulnerability of broiler production system to heat stress based on fuzzy logic.	О
6	A New Approach for Interval Type-3 Fuzzy Control of Nonlinear Plants.	0
5	Fuzzy Logic based Clustering Approach in Heterogeneous WSN. 2023,	O
4	Proposal and Definition of an Intelligent Clinical Decision Support System Applied to the Screening and Early Diagnosis of Breast Cancer. <b>2023</b> , 15, 1711	O
3	Improving ride comfort and road friendliness of heavy truck using semi-active suspension system.	O
2	A fuzzy logic-based approach for groundwater vulnerability assessment.	O
1	Modeling and fuzzy control of flexible manipulator link with moving end effector. 2023, 2467, 012026	0