Peter J Fleming

List of Publications by Year
in descending order

		66234	37111
203 papers	10,166 citations	42 h-index	96 g-index
214 all docs	214 docs citations	214 times ranked	7225 citing authors

#	Article	IF	Citations
1	An Overview of Evolutionary Algorithms in Multiobjective Optimization. Evolutionary Computation, 1995, 3, 1-16.	2.3	1,865
2	Multiobjective optimization and multiple constraint handling with evolutionary algorithms. I. A unified formulation. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1998, 28, 26-37.	3.4	960
3	Preference-Inspired Coevolutionary Algorithms for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2013, 17, 474-494.	7.5	529
4	Evolutionary algorithms in control systems engineering: a survey. Control Engineering Practice, 2002, 10, 1223-1241.	3.2	496
5	On the Evolutionary Optimization of Many Conflicting Objectives. IEEE Transactions on Evolutionary Computation, 2007, 11, 770-784.	7.5	375
6	Multiobjective optimization and multiple constraint handling with evolutionary algorithms. II. Application example. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1998, 28, 38-47.	3.4	310
7	Stability analysis of the particle dynamics in particle swarm optimizer. IEEE Transactions on Evolutionary Computation, 2006, 10, 245-255.	7.5	308
8	Diversity Management in Evolutionary Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2011, 15, 183-195.	7.5	291
9	Major epidemiological changes in sudden infant death syndrome: a 20-year population-based study in the UK. Lancet, The, 2006, 367, 314-319.	6.3	276
10	Many-Objective Optimization: An Engineering Design Perspective. Lecture Notes in Computer Science, 2005, , 14-32.	1.0	223
11	Generation expansion planning optimisation with renewable energy integration: A review. Renewable and Sustainable Energy Reviews, 2017, 69, 790-803.	8.2	193
12	Childhood Sleep Duration and Associated Demographic Characteristics in an English Cohort. Sleep, 2012, 35, 353-360.	0.6	158
13	Methods for multi-objective optimization: An analysis. Information Sciences, 2015, 293, 338-350.	4.0	154
14	Combinatorial Library Design Using a Multiobjective Genetic Algorithm. Journal of Chemical Information and Computer Sciences, 2002, 42, 375-385.	2.8	145
15	Sleep patterns in children with autistic spectrum disorders: a prospective cohort study. Archives of Disease in Childhood, 2014, 99, 114-118.	1.0	142
16	Tuning of decentralised PI (PID) controllers for TITO processes. Control Engineering Practice, 2006, 14, 1069-1080.	3.2	135
17	Preference-inspired co-evolutionary algorithms using weight vectors. European Journal of Operational Research, 2015, 243, 423-441.	3.5	126
18	Evolutionary many-objective optimisation: an exploratory analysis. , 0, , .		114

#	Article	IF	Citations
19	Multiobjective Optimization in Quantitative Structure–Activity Relationships: Deriving Accurate and Interpretable QSARs. Journal of Medicinal Chemistry, 2002, 45, 5069-5080.	2.9	96
20	Generalized decomposition and cross entropy methods for many-objective optimization. Information Sciences, 2014, 282, 363-387.	4.0	90
21	Identifying the Structure of NonLinear Dynamic Systems Using Multiobjective Genetic Programming. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2004, 34, 531-545.	3.4	89
22	An overview of population-based algorithms for multi-objective optimisation. International Journal of Systems Science, 2015, 46, 1572-1599.	3.7	84
23	Multi-objective energy storage power dispatching using plug-in vehicles in a smart-microgrid. Renewable Energy, 2016, 89, 730-742.	4.3	82
24	Sleep patterns in children with <scp>ADHD</scp>: a population‐based cohort study from birth to 11 years. Journal of Sleep Research, 2013, 22, 121-128.	1.7	80
25	Conflict, Harmony, and Independence: Relationships in Evolutionary Multi-criterion Optimisation. Lecture Notes in Computer Science, 2003, , 16-30.	1.0	75
26	Multiobjective gas turbine engine controller design using genetic algorithms. IEEE Transactions on Industrial Electronics, 1996, 43, 583-587.	5.2	71
27	Looper and tension control in hot rolling mills: A survey. Journal of Process Control, 2007, 17, 509-521.	1.7	70
28	Fuzzy scheduling control of a gas turbine aero-engine: a multiobjective approach. IEEE Transactions on Industrial Electronics, 2002, 49, 536-548.	5.2	68
29	Bayesian Hierarchical Models for aerospace gas turbine engine prognostics. Expert Systems With Applications, 2015, 42, 539-553.	4.4	68
30	Pareto Front Estimation for Decision Making. Evolutionary Computation, 2014, 22, 651-678.	2.3	67
31	Designing focused libraries using MoSELECT. Journal of Molecular Graphics and Modelling, 2002, 20, 491-498.	1.3	64
32	Convergence Acceleration Operator for Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2009, 13, 825-847.	7.5	62
33	Gas turbine engine prognostics using Bayesian hierarchical models: A variational approach. Mechanical Systems and Signal Processing, 2016, 70-71, 120-140.	4.4	62
34	Aggregation Trees for visualization and dimension reduction in many-objective optimization. Information Sciences, 2015, 298, 288-314.	4.0	58
35	A novel hybrid teaching learning based multi-objective particle swarm optimization. Neurocomputing, 2017, 222, 11-25.	3.5	56
36	Nonlinear identification of aircraft gas-turbine dynamics. Neurocomputing, 2003, 55, 551-579.	3.5	50

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37	A Real-World Application of a Many-Objective Optimisation Complexity Reduction Process. Lecture Notes in Computer Science, 2013, , 641-655.	1.0	49
38	Performance optimization of gas turbine engine. Engineering Applications of Artificial Intelligence, 2005, 18, 575-583.	4.3	48
39	Generalized Decomposition. Lecture Notes in Computer Science, 2013, , 428-442.	1.0	45
40	General framework for localised multi-objective evolutionary algorithms. Information Sciences, 2014, 258, 29-53.	4.0	43
41	Improved multi-objective particle swarm optimization with preference strategy for optimal DG integration into the distribution system. Neurocomputing, 2015, 148, 23-29.	3.5	43
42	Local Search with Quadratic Approximations into Memetic Algorithms for Optimization with Multiple Criteria. Evolutionary Computation, 2008, 16, 185-224.	2.3	42
43	Application of system identification techniques to aircraft gas turbine engines. Control Engineering Practice, 2001, 9, 135-148.	3.2	40
44	Does family-centred neonatal discharge planning reduce healthcare usage? A before and after study in South West England. BMJ Open, 2016, 6, e010752.	0.8	39
45	On-line evolution of robust control systems: an industrial active magnetic bearing application. Control Engineering Practice, 2001, 9, 37-49.	3.2	38
46	Design algorithms for a sensitivity constrained suboptimal regulator. International Journal of Control, 1977, 25, 965-978.	1.2	37
47	Design of robust fuzzy-logic control systems by multi-objective evolutionary methods with hardware in the loop. Engineering Applications of Artificial Intelligence, 2004, 17, 275-284.	4.3	33
48	Active Robust Optimization: Enhancing Robustness to Uncertain Environments. IEEE Transactions on Cybernetics, 2014, 44, 2221-2231.	6.2	33
49	The iPICEA-g: a new hybrid evolutionary multi-criteria decision making approach using the brushing technique. European Journal of Operational Research, 2015, 243, 442-453.	3.5	33
50	New robust forecasting models for exchange rates prediction. Expert Systems With Applications, 2012, 39, 12658-12670.	4.4	32
51	Linear matrix inequalities and evolutionary optimization in multiobjective control. International Journal of Systems Science, 2006, 37, 513-522.	3.7	31
52	Towards Understanding the Cost of Adaptation in Decomposition-Based Optimization Algorithms. , 2013, , .		31
53	Application of multi-objective optimisation to compensator design for SISO control systems. Electronics Letters, 1986, 22, 258.	0.5	30
54	Method for on-line identification of a first order plus dead-time process model. Electronics Letters, 1995, 31, 1297-1298.	0.5	30

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55	A CANbus-based safety-critical distributed aeroengine control systems architecture demonstrator. Microprocessors and Microsystems, 1999, 23, 345-355.	1.8	30
56	System Identification Strategies Applied to Aircraft Gas Turbine Engines. Annual Reviews in Control, 2000, 24, 67-81.	4.4	30
57	A novel object-oriented environment for distributed process control systems. Control Engineering Practice, 2005, 13, 213-230.	3.2	29
58	A multi-objective framework for long-term generation expansion planning with variable renewables. Applied Energy, 2019, 253, 113589.	5.1	29
59	Assessing the performance of multiobjective genetic algorithms for optimization of a batch process scheduling problem. , 0, , .		28
60	Automotive drive by wire controller design by multi-objective techniques. Control Engineering Practice, 2005, 13, 257-264.	3.2	26
61	Evolution of mathematical models of chaotic systems based on multiobjective genetic programming. Knowledge and Information Systems, 2005, 8, 235-256.	2.1	26
62	A Comparative Study of Progressive Preference Articulation Techniques for Multiobjective Optimisation. , 2007, , 908-921.		26
63	Automating the development of distributed control software. IEEE Parallel and Distributed Technology, 1994, 2, 9-19.	0.7	25
64	Optimal tuning of PI controllers for first order plus dead time/long dead time models using dimensional analysis. , 2003, , .		24
65	Multiobjective optimization using variable complexity modelling for control system design. Applied Soft Computing Journal, 2008, 8, 392-401.	4.1	24
66	Multi-objective optimization approach to the PI tuning problem. , 2007, , .		23
67	Multi-objective genetic programming for nonlinear system identification. Electronics Letters, 1998, 34, 930.	0.5	22
68	Multi-objective optimization approach to the ALSTOM gasifier problem. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2000, 214, 453-469.	0.7	22
69	Time and frequency domain identification and analysis of a gas turbine engine. Control Engineering Practice, 2002, 10, 1347-1356.	3.2	21
70	â€˜â€˜Whatever Works Best for Youâ€™â€™- A New Method for a Priori and Progressive Multi-objective Optimisation. Lecture Notes in Computer Science, 2013, , 337-351.	1.0	19
71	An analysis of parameter sensitivities of preference-inspired co-evolutionary algorithms. International Journal of Systems Science, 2015, 46, 2407-2420.	3.7	18
72	The control of ventilation: a theoretical analysis of the response to transient disturbances. Journal of Theoretical Biology, 1984, 108, 261-283.	0.8	17

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73	Multiobjective analysis for the design and control of an electromagnetic valve actuator. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2007, 221, 567-577.	1.1	17
74	Effects of Eye Color on Frisbee Toss. Perceptual and Motor Skills, 1988, 66, 675-676E.	0.6	16
75	Alternative parallel implementations of an AR-modified covariance spectral estimator for diagnostic ultrasonic blood flow studies. Parallel Computing, 1993, 19, 463-476.	1.3	16
76	Non-Linear System Identification with Multiobjective Genetic Algorithms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1996, 29, 1169-1174.	0.4	15
77	Distributed aero-engine control systems architecture selection using multi-objective optimisation. Control Engineering Practice, 1999, 7, 655-664.	3.2	15
78	Preference-inspired co-evolutionary algorithm using adaptively generated goal vectors. , 2013, , .		15
79	Generic Pareto local search metaheuristic for optimization of targeted offers in a bi-objective direct marketing campaign. Computers and Operations Research, 2017, 78, 578-587.	2.4	15
80	A Many-Objective Optimisation Decision-Making Process Applied to Automotive Diesel Engine Calibration. Lecture Notes in Computer Science, 2010, , 638-646.	1.0	15
81	Robust PI Controller for Load Disturbance Rejection and Setpoint Regulation. , 0, , .		14
82	Preference-inspired co-evolutionary algorithm using weights for many-objective optimization. , 2013, , .		14
83	Gearbox design for uncertain load requirements using active robust optimization. Engineering Optimization, 2016, 48, 652-671.	1.5	14
84	A discrete particle swarm optimisation algorithm to operate distributed energy generation networks efficiently. International Journal of Bio-Inspired Computation, 2018, 12, 226.	0.6	14
85	A Diversity Management Operator for Evolutionary Many-Objective Optimisation. Lecture Notes in Computer Science, 2009, , 81-94.	1.0	14
86	Optimal Advertising Campaign Generation for Multiple Brands Using MOGA. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 1190-1201.	3.3	13
87	Computational steering of a multi-objective evolutionary algorithm for engineering design. Engineering Applications of Artificial Intelligence, 2007, 20, 1047-1057.	4.3	13
88	A Non-parametric Harmony-Based Objective Reduction Method for Many-Objective Optimization. , 2013, , .		13
89	Postneonatal Development of Respiratory Oscillations. Annals of the New York Academy of Sciences, 1988, 533, 305-313.	1.8	12
90	On finding well-spread pareto optimal solutions by preference-inspired co-evolutionary algorithm. , 2013, , .		12

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91	Multi-objective evolutionary design of robust controllers on the grid. Engineering Applications of Artificial Intelligence, 2014, 27, 17-27.	4.3	11
92	An Overview of Compressor Instabilities: Basic Concepts and Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 523-528.	0.4	10
93	Estimating discharge dates using routinely collected data: improving the preparedness of parents of preterm infants for discharge home. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F170-F172.	1.4	10
94	Effects of Eye Color and Sex on Accuracy in Archery. Perceptual and Motor Skills, 1989, 68, 389-390.	0.6	9
95	Drive-by-Wire Control of Automotive Driveline Oscillations by Response Surface Methodology. IEEE Transactions on Control Systems Technology, 2004, 12, 737-741.	3.2	9
96	PI controller tuning for load disturbance rejection using constrained optimization. International Journal of Dynamics and Control, 2018, 6, 188-199.	1.5	9
97	Cooperative co-evolution with improved differential grouping method for large-scale global optimisation. International Journal of Bio-Inspired Computation, 2018, 12, 214.	0.6	9
98	Performance Evaluation Issues in Real-Time Parallel Signal Processing and Control. Journal of Parallel and Distributed Computing, 1997, 42, 67-74.	2.7	8
99	Distributed health monitoring for aero-engines on the GRID: DAME. , 2005, , .		8
100	An informed convergence accelerator for evolutionary multiobjective optimiser. , 2007, , .		8
101	Service-oriented architecture on the Grid for integrated fault diagnostics. Concurrency Computation Practice and Experience, 2007, 19, 223-234.	1.4	8
102	Local preference-inspired co-evolutionary algorithms. , 2012, , .		8
103	Relations of Eye Color to Scores on Bruininks-Oseretsky Test of Motor Proficiencyâ€"Short Form. Perceptual and Motor Skills, 1989, 68, 859-862.	0.6	7
104	Optimisation of maintenance scheduling strategies onÂtheÂgrid. Annals of Operations Research, 2010, 180, 213-231.	2.6	7
105	Liger. , 2013, , .		7
106	Heterogeneous and homogeneous parallel architectures for real-time active vibration control. IET Control Theory and Applications, 1995, 142, 625-632.	1.7	6
107	PARSIM: a parallel optimization tool. IEEE Control Systems, 1995, 15, 48-53.	1.0	6
108	Use of Genetic Programming in the Identification of Rational Model Structures. Lecture Notes in Computer Science, 2000, , 181-192.	1.0	6

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109	A framework for modelling in S88 constructs for scheduling purposes. ISA Transactions, 2001, 40, 295-305.	3.1	6
110	Hybrid multiobjective genetic algorithm with a new adaptive local search process. , 2005, , .		6
111	An agent-based system for distributed fault diagnosis. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2006, 10, 319-335.	0.7	6
112	Effects of Eye Color on the Accuracy of Ball Throwing of Elementary School Children. Perceptual and Motor Skills, 1989, 68, 163-166.	0.6	5
113	Robust multivariable control of active magnetic bearings. , 1997, , .		5
114	Genetic programming for dynamic chaotic systems modelling. , 0, , .		5
115	Evolutionary Algorithms and Simulated Annealing for MCDM. Profiles in Operations Research, 1999, , 501-532.	0.3	5
116	Decentralized PI control of a rolls-royce jet engine. , 0, , .		5
117	An effective PSO-TLBO algorithm for multi-objective optimization. , 2016, , .		5
118	Optimization of Adaptation - A Multi-objective Approach for Optimizing Changes to Design Parameters. Lecture Notes in Computer Science, 2013, , 21-35.	1.0	5
119	Desensitizing constant gain feedback linear regulators. IEEE Transactions on Automatic Control, 1978, 23, 933-936.	3.6	4
120	A non-linear programming approach to the computer-aided design of regulators using a linear-quadratic formulationâ€. International Journal of Control, 1985, 42, 257-268.	1.2	4
121	Dependable, intelligent voting for real-time control software. Engineering Applications of Artificial Intelligence, 1995, 8, 615-623.	4.3	4
122	Design tools for hybrid control systems. Lecture Notes in Computer Science, 1997, , 87-92.	1.0	4
123	The Response Surface Methodology for Real-time Distributed Simulation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 128-133.	0.4	4
124	Real-time simulation and control systems design by the Response Surface Methodology and designed experiments. International Journal of Systems Science, 2003, 34, 837-850.	3.7	4
125	An Application of the Model Based Predictive Control in a Hot Rolling Mill. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 131-136.	0.4	4
126	Decision support system on the grid. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 9, 315-326.	0.7	4

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127	Inverse Model Control of a Three Spool Gas Turbine Engine. , 2005, , 731.		4
128	Local search with quadratic approximation in Genetic Algorithms for expensive optimization problems. , 2007, , .		4
129	Control system design for a gas turbine engine using evolutionary computing for multidisciplinary optimization. Controle and Automacao, 2007, 18, 471-478.	0.2	4
130	Robust constrained predictive controllers for hot rolling mills: Disturbance uncertainty case. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2008, 222, 137-152.	0.7	4
131	Recurrence risk of sudden infant death syndrome. Archives of Disease in Childhood, 2008, 93, 269-270.	1.0	4
132	Aero engine health management system architecture design using multi-criteria optimization. , 2013, , .		4
133	Liger: A cross-platform open-source integrated optimization and decision-making environment. Applied Soft Computing Journal, 2021, 98, 106851.	4.1	4
134	Determination of optimal constant feedback gains for nonlinear systems. Proceedings of the Institution of Electrical Engineers, 1979, 126, 267.	0.1	3
135	Effective mapping of continuous-time controllers to their discrete equivalents. Electronics Letters, 1990, 26, 562.	0.5	3
136	Parallel computing in CACSD. Transactions of the Institute of Measurement and Control, 1994, 16, 3-8.	1.1	3
137	Development framework approach to heterogeneous system design for control systems. Control Engineering Practice, 1996, 4, 229-238.	3.2	3
138	TOWARDS A CONTROL SOFTWARE DESIGN ENVIRONMENT USING A META-MODELLING TECHNIQUE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 255-260.	0.4	3
139	Grid-based decision support with pro-active mobile computing. , 2005, , .		3
140	Gaussian Process Latent Variable Models for Fault Detection. , 2007, , .		3
141	Effectiveness of MPC algorithms for hot rolling mills in the presence of disturbances. Proceedings of the American Control Conference, 2007, , .	0.0	3
142	Improved Sampling of Decision Space for Pareto Estimation. , 2015, , .		3
143	A Toolkit for Generating Scalable Stochastic Multiobjective Test Problems. , 2016, , .		3
144	Collaborative multi-objective optimization for distributed design of complex products. , 2018, , .		3

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145	Real World System Architecture Design Using Multi-criteria Optimization: A Case Study. Advances in Intelligent Systems and Computing, 2013, , 245-260.	0.5	3
146	Comments and corrections to "Optimization with trajectory sensitvity considerations". IEEE Transactions on Automatic Control, 1977, 22, 151-151.	3.6	2
147	Fault-tolerant transputer arrays for gas turbine engine control. Computing & Control Engineering Journal, 1991, 2, 217.	0.0	2
148	An efficient parallel implementation of a least squares problem. Computing Systems in Engineering: an International Journal, 1995, 6, 313-318.	0.5	2
149	A generic approach to parallelizing and developing control algorithms for heterogeneous architectures. International Journal of Adaptive Control and Signal Processing, 1997, 11, 443-460.	2.3	2
150	Neuro-genetic PID autotuning. , 2001, , .		2
151	The response surface methodology for rapid prototyping of real-time control systems. , 2002, , .		2
152	STAGED COMBUSTION CONTROL FOR AVIATION ENGINES: A MULTI-OBJECTIVE OPTIMISATION APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 265-270.	0.4	2
153	A multiobjective optimization approach to DK-iteration. , 2003, , .		2
154	Surge Margin Tracking for Active Control of Quick Windmill Relighting. , 2004, , 655.		2
155	A SURVEY OF THE LOOPER-TENSION CONTROL TECHNOLOGY IN HOT ROLLING MILLS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 37-44.	0.4	2
156	Active Hierarchical Fuzzy Control for Gas Turbine Altitude Relighting Using Multi-Objective Optimization. , 2006, , 853.		2
157	Multi-objective Evolutionary Design of Robust Controllers on the Grid. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 14711-14716.	0.4	2
158	sParEGO â€" A Hybrid Optimization Algorithm for Expensive Uncertain Multi-objective Optimization Problems. Lecture Notes in Computer Science, 2019, , 424-438.	1.0	2
159	Optimal Allocation of Distributed Generators in a Distribution Network Using Adaptive Multi-Objective Particle Swarm Optimization. Lecture Notes in Electrical Engineering, 2012, , 1707-1715.	0.3	2
160	The Use of Case-Based Reasoning Technology to Aid Fault Isolation in a Modern Gas Turbine Engine Design. , 1998, , .		2
161	Evolutionary computing applied to MDO test problems. , 1998, , .		2
162	The UCNW Suboptimal Linear Regulator CAD Program Package. , 1982, , .		2

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163	Digital controller structures for fine- and medium-grain parallel processing architectures. International Journal of Control, 1991, 54, 1413-1437.	1.2	1
164	Active magnetic bearing control system testing and validation using a multiobjective genetic algorithm. , 0, , .		1
165	CONTROL CONFIGURATION DESIGN USING EVOLUTIONARY COMPUTING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 49-54.	0.4	1
166	On-line multiobjective automatic control system generation by evolutionary algorithms. , 2004, , .		1
167	A Service Oriented Architecture for Integration of Fault Diagnostics. Lecture Notes in Computer Science, 2005, , 146-157.	1.0	1
168	Nonlinear control system design using variable complexity modelling and multiobjective optimization. Controle and Automacao, 2006, 17, 24-31.	0.2	1
169	Staged combustion control design for aero engines. Control Engineering Practice, 2006, 14, 387-396.	3.2	1
170	An evolutionary particle swarm algorithm for multi-objective optimisation. , 2008, , .		1
171	Integrated equipment health management system design and development. , 2010, , .		1
172	Progressive diversity management in evolutionary multiobjective optimisation. , 2010, , .		1
173	Vibration suppression and damage detection in smart composite laminate using high precision finite element. Proceedings of SPIE, 2011, , .	0.8	1
174	Real-Time Improved Power Management for Autonomous Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 2634-2639.	0.4	1
175	Risk Mining for Strategic Decision Making. , 2007, , 21-28.		1
176	Algorithm for the reduction of sensitivity to parameter variations in the linear regulator. Electronics Letters, 1972, 8, 50.	0.5	0
177	Computation of optimal piecewise-linear feedback gains for linear regulators. Electronics Letters, 1978, 14, 651.	0.5	0
178	Computer Aided Design of Suboptimal Linear Regulators. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1983, 16, 409-415.	0.4	0
179	Preface to the papers from the 2nd IFAC workshop on algorithms and architectures for real-time control. Control Engineering Practice, 1993, 1, 611-612.	3.2	0
180	A large-scale transputer network application: the aero-mechanical simulation of a single-rotor helicopter for control system design. Transactions of the Institute of Measurement and Control, 1994, 16, 17-24.	1.1	0

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181	Preface to the special section on algorithms and architectures for real-time control. Control Engineering Practice, 1996, 4, 165-166.	3.2	0
182	Neural Network Assisted Industrial PID Controllers Auto-Tuning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 103-107.	0.4	0
183	Preface to the special section on algorithms and architectures for real-time control. Control Engineering Practice, 1997, 5, 1427-1428.	3.2	0
184	Multi-objective optimisation of systems architectures for distributed aero-engine control systems. , 1998, , .		0
185	Evolutionary Algorithms for Multiple Criteria Decision Making in Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 227-234.	0.4	0
186	NASA High Speed Civil Transport approximation challenge - NASA/VPI&SU MAD Test Suite Problem 2.1. , 1998, , .		0
187	Performance optimization of gas turbine engines using the studga. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 3029-3034.	0.4	0
188	Enhancing the performance of a multivariable fuzzy controller by means of multiobjective genetic programming and statistical analysis. , 0, , .		0
189	Genetic algorithms for scheduling: incorporation of user preferences. Transactions of the Institute of Measurement and Control, 2000, 22, 195-210.	1.1	0
190	Design synergy through variable complexity architectures. , 2001, , .		0
191	Multiobjective Optimisation Approach to Robust Controller Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 111-116.	0.4	0
192	Robust Control of a Gas Turbine With Variable Power Offtake. , 2006, , 919.		0
193	Special section on intelligent control systems and signal processing. Control Engineering Practice, 2006, 14, 525-526.	3.2	0
194	Diagnosis of fuel pump measurement bias in gas turbine engines. International Journal of Systems Science, 2007, 38, 643-650.	3.7	0
195	Tools and Techniques for Managing Many-Criteria Decision-Making. , 2007, , .		0
196	Optimisation of Maintenance Scheduling Strategies on the Grid. , 2007, , .		0
197	Staged Combustion Control System Development for Aviation Gas Turbine Engines. , 2002, , .		0
198	Frequency-response identification of a linear helical reluctance motor. IEE Proceedings B: Electric Power Applications, 1985, 132, 101.	0.2	0

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199	Optimal Damping of Vibrations in Multibody Systems Through Equivalent Friction Control Laws. , 1995, , .		0
200	Multi-Objective Optimisation of Systems Architectures for Distributed Aero-Engine Control Systems. , 1998, , .		0
201	Multiobjective GP for Human-Understandable Models: A Practical Application. Natural Computing Series, 2008, , 201-218.	2.2	0
202	A Convergence Acceleration Technique for Multiobjective Optimisation. Studies in Computational Intelligence, 2009, , 183-205.	0.7	0
203	Parallel Processing Architectures and Applications for Real-Time Control. , 1989, , .		0