Peter J Fleming

List of Publications by Year in Descending Order

188 papers	7,990 citations	39 h-index	87 g-index
214 ext. papers	9,159 ext. citations	4 avg, IF	6.27 L-index

#	Paper	IF	Citations
188	Liger: A cross-platform open-source integrated optimization and decision-making environment. *Applied Soft Computing Journal*, **2021**, 98, 106851	7.5	0
187	A multi-objective framework for long-term generation expansion planning with variable renewables. *Applied Energy*, **2019**, 253, 113589	10.7	14
186	sParEGO A Hybrid Optimization Algorithm for Expensive Uncertain Multi-objective Optimization Problems. *Lecture Notes in Computer Science*, **2019**, 424-438	0.9	0
185	PI controller tuning for load disturbance rejection using constrained optimization. *International Journal of Dynamics and Control*, **2018**, 6, 188-199	1.7	5
184	Collaborative multi-objective optimization for distributed design of complex products **2018**,		2
183	A discrete particle swarm optimisation algorithm to operate distributed energy generation networks efficiently. *International Journal of Bio-Inspired Computation*, **2018**, 12, 226	2.9	13
182	Cooperative co-evolution with improved differential grouping method for large-scale global optimisation. *International Journal of Bio-Inspired Computation*, **2018**, 12, 214	2.9	7
181	Generation expansion planning optimisation with renewable energy integration: A review. *Renewable and Sustainable Energy Reviews*, **2017**, 69, 790-803	16.2	134
180	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	4.7	8
179	A novel hybrid teaching learning based multi-objective particle swarm optimization. *Neurocomputing*, **2017**, 222, 11-25	5.4	40
178	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	4.6	11
177	Gearbox design for uncertain load requirements using active robust optimization. *Engineering Optimization*, **2016**, 48, 652-671	2	9
176	Multi-objective energy storage power dispatching using plug-in vehicles in a smart-microgrid. *Renewable Energy*, **2016**, 89, 730-742	8.1	65
175	Gas turbine engine prognostics using Bayesian hierarchical models: A variational approach. *Mechanical Systems and Signal Processing*, **2016**, 70-71, 120-140	7.8	51
174	Does family-centred neonatal discharge planning reduce healthcare usage? A before and after study in South West England. *BMJ Open*, **2016**, 6, e010752	3	24
173	An effective PSO-TLBO algorithm for multi-objective optimization **2016**,		4
172	A Toolkit for Generating Scalable Stochastic Multiobjective Test Problems **2016**,		2

171	An analysis of parameter sensitivities of preference-inspired co-evolutionary algorithms. *International Journal of Systems Science*, **2015**, 46, 2407-2420	2.3	14
170	Improved Sampling of Decision Space for Pareto Estimation **2015**,		1
169	Aggregation Trees for visualization and dimension reduction in many-objective optimization. *Information Sciences*, **2015**, 298, 288-314	7.7	43
168	An overview of population-based algorithms for multi-objective optimisation. *International Journal of Systems Science*, **2015**, 46, 1572-1599	2.3	58
167	Preference-inspired co-evolutionary algorithms using weight vectors. *European Journal of Operational Research*, **2015**, 243, 423-441	5.6	96
166	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	5.6	28
165	Bayesian Hierarchical Models for aerospace gas turbine engine prognostics. *Expert Systems With Applications*, **2015**, 42, 539-553	7.8	55
164	Improved multi-objective particle swarm optimization with preference strategy for optimal DG integration into the distribution system. *Neurocomputing*, **2015**, 148, 23-29	5.4	34
163	Methods for multi-objective optimization: An analysis. *Information Sciences*, **2015**, 293, 338-350	7.7	99
162	An Evolutionary Approach to Active Robust Multiobjective Optimisation. *Lecture Notes in Computer Science*, **2015**, 141-155	0.9	1
161	Multi-objective evolutionary design of robust controllers on the grid. *Engineering Applications of Artificial Intelligence*, **2014**, 27, 17-27	7.2	10
160	Generalized decomposition and cross entropy methods for many-objective optimization. *Information Sciences*, **2014**, 282, 363-387	7.7	72
159	General framework for localised multi-objective evolutionary algorithms. *Information Sciences*, **2014**, 258, 29-53	7.7	36
158	Real-Time Improved Power Management for Autonomous Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2014**, 47, 2634-2639		
157	Pareto front estimation for decision making. *Evolutionary Computation*, **2014**, 22, 651-78	4.3	41
156	Sleep patterns in children with autistic spectrum disorders: a prospective cohort study. *Archives of Disease in Childhood*, **2014**, 99, 114-8	2.2	96
155	Active robust optimization: enhancing robustness to uncertain environments. *IEEE Transactions on Cybernetics*, **2014**, 44, 2221-31	10.2	24
154	. *IEEE Transactions on Evolutionary Computation*, **2013**, 17, 474-494	15.6	383

153	On finding well-spread pareto optimal solutions by preference-inspired co-evolutionary algorithm **2013**,		11
152	Preference-inspired co-evolutionary algorithm using adaptively generated goal vectors **2013**,		11
151	Sleep patterns in children with ADHD: a population-based cohort study from birth to 11 years. *Journal of Sleep Research*, **2013**, 22, 121-8	5.8	62
150	A Non-parametric Harmony-Based Objective Reduction Method for Many-Objective Optimization **2013**,		12
149	Aero engine health management system architecture design using multi-criteria optimization **2013**,		3
148	Liger **2013**,		4
147	Preference-inspired co-evolutionary algorithm using weights for many-objective optimization **2013**,		8
146	Towards Understanding the Cost of Adaptation in Decomposition-Based Optimization Algorithms **2013**,		25
145	Whatever Works Best for You A New Method for a Priori and Progressive Multi-objective Optimisation. *Lecture Notes in Computer Science*, **2013**, 337-351	0.9	17
144	Generalized Decomposition. *Lecture Notes in Computer Science*, **2013**, 428-442	0.9	44
143	A Real-World Application of a Many-Objective Optimisation Complexity Reduction Process. *Lecture Notes in Computer Science*, **2013**, 641-655	0.9	42
142	Optimization of Adaptation - A Multi-objective Approach for Optimizing Changes to Design Parameters. *Lecture Notes in Computer Science*, **2013**, 21-35	0.9	4
141	Real World System Architecture Design Using Multi-criteria Optimization: A Case Study. *Advances in Intelligent Systems and Computing*, **2013**, 245-260	0.4	1
140	New robust forecasting models for exchange rates prediction. *Expert Systems With Applications*, **2012**, 39, 12658-12670	7.8	26
139	Local preference-inspired co-evolutionary algorithms **2012**,		6
138	Childhood sleep duration and associated demographic characteristics in an English cohort. *Sleep*, **2012**, 35, 353-60	1.1	129
137	Optimal Allocation of Distributed Generators in a Distribution Network Using Adaptive Multi-Objective Particle Swarm Optimization. *Lecture Notes in Electrical Engineering*, **2012**, 1707-1715	0.2	1
136	Preference-Driven Co-evolutionary Algorithms Show Promise for Many-Objective Optimisation. *Lecture Notes in Computer Science*, **2011**, 136-150	0.9	34

135	Multi-objective Evolutionary Design of Robust Controllers on the Grid. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 14711-14716		2
134	Diversity Management in Evolutionary Many-Objective Optimization. *IEEE Transactions on Evolutionary Computation*, **2011**, 15, 183-195	15.6	220
133	Progressive diversity management in evolutionary multiobjective optimisation **2010**,		1
132	Optimisation of maintenance scheduling strategies on the grid. *Annals of Operations Research*, **2010** , 180, 213-231	3.2	6
131	A Many-Objective Optimisation Decision-Making Process Applied to Automotive Diesel Engine Calibration. *Lecture Notes in Computer Science*, **2010**, 638-646	0.9	12
130	Convergence Acceleration Operator for Multiobjective Optimization. *IEEE Transactions on Evolutionary Computation*, **2009**, 13, 825-847	15.6	52
129	A Convergence Acceleration Technique for Multiobjective Optimisation. *Studies in Computational Intelligence*, **2009**, 183-205	0.8	
128	A Diversity Management Operator for Evolutionary Many-Objective Optimisation. *Lecture Notes in Computer Science*, **2009**, 81-94	0.9	12
127	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	1	2
126	An evolutionary particle swarm algorithm for multi-objective optimisation **2008**,		1
125	Recurrence risk of sudden infant death syndrome. *Archives of Disease in Childhood*, **2008**, 93, 269-70	2.2	2
124	Local search with quadratic approximations into memetic algorithms for optimization with multiple criteria. *Evolutionary Computation*, **2008**, 16, 185-224	4.3	35
123	Multiobjective optimization using variable complexity modelling for control system design. *Applied Soft Computing Journal*, **2008**, 8, 392-401	7.5	20
122	Multiobjective GP for Human-Understandable Models: A Practical Application **2008**, 201-218		
121	Gaussian Process Latent Variable Models for Fault Detection **2007**,		2
120	Effectiveness of MPC algorithms for hot rolling mills in the presence of disturbances. *Proceedings of the American Control Conference*, **2007**,	1.2	2
119	. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2007**, 37, 1190-1201		10
118	Control system design for a gas turbine engine using evolutionary computing for multidisciplinary optimization. *Controle and Automacao*, **2007**, 18, 471-478		3

117	Service-oriented architecture on the Grid for integrated fault diagnostics. *Concurrency Computation Practice and Experience*, **2007**, 19, 223-234	1.4	4
116	Computational steering of a multi-objective evolutionary algorithm for engineering design. *Engineering Applications of Artificial Intelligence*, **2007**, 20, 1047-1057	7.2	12
115	Looper and tension control in hot rolling mills: A survey. *Journal of Process Control*, **2007**, 17, 509-521	3.9	48
114	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	1.4	15
113	A Comparative Study of Progressive Preference Articulation Techniques for Multiobjective Optimisation **2007**, 908-921		22
112	Diagnosis of fuel pump measurement bias in gas turbine engines. *International Journal of Systems Science*, **2007**, 38, 643-650	2.3	
111	An informed convergence accelerator for evolutionary multiobjective optimiser **2007**,		8
110	Local search with quadratic approximation in Genetic Algorithms for expensive optimization problems **2007**,		4
109	Multi-objective optimization approach to the PI tuning problem **2007**,		20
108	On the Evolutionary Optimization of Many Conflicting Objectives. *IEEE Transactions on Evolutionary Computation*, **2007**, 11, 770-784	15.6	312
107	Risk Mining for Strategic Decision Making **2007**, 21-28		1
106	Tuning of decentralised PI (PID) controllers for TITO processes. *Control Engineering Practice*, **2006**, 14, 1069-1080	3.9	102
105	Stability analysis of the particle dynamics in particle swarm optimizer. *IEEE Transactions on Evolutionary Computation*, **2006**, 10, 245-255	15.6	237
104	Major epidemiological changes in sudden infant death syndrome: a 20-year population-based study in the UK. *Lancet, The*, **2006**, 367, 314-9	40	232
103	Linear matrix inequalities and evolutionary optimization in multiobjective control. *International Journal of Systems Science*, **2006**, 37, 513-522	2.3	24
102	Nonlinear control system design using variable complexity modelling and multiobjective optimization. *Controle and Automacao*, **2006**, 17, 24-31		
101	An agent-based system for distributed fault diagnosis. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2006**, 10, 319-335	0.5	4
100	Robust Control of a Gas Turbine With Variable Power Offtake **2006**, 919		

99	Active Hierarchical Fuzzy Control for Gas Turbine Altitude Relighting Using Multi-Objective Optimization **2006**, 853		2
98	Staged combustion control design for aero engines. *Control Engineering Practice*, **2006**, 14, 387-396	3.9	0
97	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		1
96	A Service Oriented Architecture for Integration of Fault Diagnostics. *Lecture Notes in Computer Science*, **2005**, 146-157	0.9	0
95	Automotive drive by wire controller design by multi-objective techniques. *Control Engineering Practice*, **2005**, 13, 257-264	3.9	22
94	Performance optimization of gas turbine engine. *Engineering Applications of Artificial Intelligence*, **2005**, 18, 575-583	7.2	37
93	A novel object-oriented environment for distributed process control systems. *Control Engineering Practice*, **2005**, 13, 213-230	3.9	25
92	Evolution of mathematical models of chaotic systems based on multiobjective genetic programming. *Knowledge and Information Systems*, **2005**, 8, 235-256	2.4	25
91	Decision support system on the grid. *International Journal of Knowledge-Based and Intelligent Engineering Systems*, **2005**, 9, 315-326	0.5	1
90	A Service Oriented Architecture for Decision Making in Engineering Design. *Lecture Notes in Computer Science*, **2005**, 334-343	0.9	3
89	Inverse Model Control of a Three Spool Gas Turbine Engine **2005**, 731		2
88	Hybrid multiobjective genetic algorithm with a new adaptive local search process **2005**,		6
87	Distributed health monitoring for aero-engines on the GRID: DAME **2005**,		5
86	Many-Objective Optimization: An Engineering Design Perspective. *Lecture Notes in Computer Science*, **2005**, 14-32	0.9	180
85	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	7.2	25
84	Drive-by-wire control of automotive driveline oscillations by response surface methodology. *IEEE Transactions on Control Systems Technology*, **2004**, 12, 737-741	4.8	8
83	'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		71
82	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		3

81	An Overview of Compressor Instabilities: Basic Concepts and Control. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2004**, 37, 523-528		7
80	Surge Margin Tracking for Active Control of Quick Windmill Relighting **2004**, 655		1
79	A multiobjective optimization approach to DK-iteration **2003**,		1
78	Optimal tuning of PI controllers for first order plus dead time/long dead time models using dimensional analysis **2003**,		13
77	Nonlinear identification of aircraft gas-turbine dynamics. *Neurocomputing*, **2003**, 55, 551-579	5.4	37
76	Real-time simulation and control systems design by the Response Surface Methodology and designed experiments. *International Journal of Systems Science*, **2003**, 34, 837-850	2.3	4
75	Conflict, Harmony, and Independence: Relationships in Evolutionary Multi-criterion Optimisation. *Lecture Notes in Computer Science*, **2003**, 16-30	0.9	62
74	An Adaptive Divide-and-Conquer Methodology for Evolutionary Multi-criterion Optimisation. *Lecture Notes in Computer Science*, **2003**, 133-147	0.9	13
73	Evolutionary algorithms in control systems engineering: a survey. *Control Engineering Practice*, **2002** , 10, 1223-1241	3.9	382
72	Time and frequency domain identification and analysis of a gas turbine engine. *Control Engineering Practice*, **2002**, 10, 1347-1356	3.9	16
71	Designing focused libraries using MoSELECT. *Journal of Molecular Graphics and Modelling*, **2002**, 20, 491-8	2.8	59
70	The response surface methodology for rapid prototyping of real-time control systems **2002**,		2
69	CONTROL CONFIGURATION DESIGN USING EVOLUTIONARY COMPUTING. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2002**, 35, 49-54		
68	TOWARDS A CONTROL SOFTWARE DESIGN ENVIRONMENT USING A META-MODELLING TECHNIQUE. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2002**, 35, 255-260		1
67	STAGED COMBUSTION CONTROL FOR AVIATION ENGINES: A MULTI-OBJECTIVE OPTIMISATION APPROACH. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2002**, 35, 265-270		2
66	Multiobjective optimization in quantitative structure-activity relationships: deriving accurate and interpretable QSARs. *Journal of Medicinal Chemistry*, **2002**, 45, 5069-80	8.3	80
65	Combinatorial library design using a multiobjective genetic algorithm. *Journal of Chemical Information and Computer Sciences*, **2002**, 42, 375-85		130
64	Fuzzy scheduling control of a gas turbine aero-engine: a multiobjective approach. *IEEE Transactions on Industrial Electronics*, **2002**, 49, 536-548	8.9	48

63	Multiobjective Optimisation Approach to Robust Controller Design. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2001**, 34, 111-116		
62	The Response Surface Methodology for Real-time Distributed Simulation. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2001**, 34, 128-133		1
61	On-line evolution of robust control systems: an industrial active magnetic bearing application. *Control Engineering Practice*, **2001**, 9, 37-49	3.9	29
60	Application of system identification techniques to aircraft gas turbine engines. *Control Engineering Practice*, **2001**, 9, 135-148	3.9	33
59	A framework for modelling in S88 constructs for scheduling purposes. *ISA Transactions*, **2001**, 40, 295-305	3.5	6
58	Neuro-genetic PID autotuning **2001**,		2
57	Use of Genetic Programming in the Identification of Rational Model Structures. *Lecture Notes in Computer Science*, **2000**, 181-192	0.9	5
56	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	1	19
55	Genetic algorithms for scheduling: incorporation of user preferences. *Transactions of the Institute of Measurement and Control*, **2000**, 22, 195-210	1.8	
54	System Identification Strategies Applied to Aircraft Gas Turbine Engines. *Annual Reviews in Control*, **2000**, 24, 67-81	10.3	26
53	A CANbus-based safety-critical distributed aeroengine control systems architecture demonstrator. *Microprocessors and Microsystems*, **1999**, 23, 345-355	2.4	22
52	Distributed aero-engine control systems architecture selection using multi-objective optimisation. *Control Engineering Practice*, **1999**, 7, 655-664	3.9	10
51	Evolutionary Algorithms and Simulated Annealing for MCDM. *Profiles in Operations Research*, **1999**, 501-532		5
50	Performance optimization of gas turbine engines using the studga. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1999**, 32, 3029-3034		
49	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		248
48	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		768
47	Multi-objective genetic programming for nonlinear system identification. *Electronics Letters*, **1998**, 34, 930	1.1	22
46	The stud GA: A mini revolution?. *Lecture Notes in Computer Science*, **1998**, 683-691	0.9	54

45	Evolutionary Algorithms for Multiple Criteria Decision Making in Control. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1998**, 31, 227-234		
44	The Use of Case-Based Reasoning Technology to Aid Fault Isolation in a Modern Gas Turbine Engine Design **1998**,		2
43	Design tools for hybrid control systems. *Lecture Notes in Computer Science*, **1997**, 87-92	0.9	1
42	Neural Network Assisted Industrial PID Controllers Auto-Tuning. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1997**, 30, 103-107		
41	Robust multivariable control of active magnetic bearings **1997**,		4
40	A generic approach to parallelizing and developing control algorithms for heterogeneous architectures. *International Journal of Adaptive Control and Signal Processing*, **1997**, 11, 443-460	2.8	1
39	Performance Evaluation Issues in Real-Time Parallel Signal Processing and Control. *Journal of Parallel and Distributed Computing*, **1997**, 42, 67-74	4.4	8
38	Multiobjective gas turbine engine controller design using genetic algorithms. *IEEE Transactions on Industrial Electronics*, **1996**, 43, 583-587	8.9	53
37	Non-Linear System Identification with Multiobjective Genetic Algorithms. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1996**, 29, 1169-1174		10
36	Development framework approach to heterogeneous system design for control systems. *Control Engineering Practice*, **1996**, 4, 229-238	3.9	2
35	On the performance assessment and comparison of stochastic multiobjective optimizers. *Lecture Notes in Computer Science*, **1996**, 584-593	0.9	179
34	Dependable, intelligent voting for real-time control software. *Engineering Applications of Artificial Intelligence*, **1995**, 8, 615-623	7.2	1
33	An efficient parallel implementation of a least squares problem. *Computing Systems in Engineering: an International Journal*, **1995**, 6, 313-318		1
32	Method for on-line identification of a first order plus dead-time process model. *Electronics Letters*, **1995**, 31, 1297-1298	1.1	21
31	An Overview of Evolutionary Algorithms in Multiobjective Optimization. *Evolutionary Computation*, **1995**, 3, 1-16	4.3	1530
30	. *IEEE Control Systems*, **1995**, 15, 48-53	2.9	5
29	Heterogeneous and homogeneous parallel architectures for real-time active vibration control. *IET Control Theory and Applications*, **1995**, 142, 625-632		3
28	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	1.8	

27	Parallel computing in CACSD. *Transactions of the Institute of Measurement and Control*, **1994**, 16, 3-8	1.8	3
26	. *IEEE Parallel and Distributed Technology*, **1994**, 2, 9-19		20
25	Alternative parallel implementations of an AR-modified covariance spectral estimator for diagnostic ultrasonic blood flow studies. *Parallel Computing*, **1993**, 19, 463-476	1	11
24	Digital controller structures for fine- and medium-grain parallel processing architectures. *International Journal of Control*, **1991**, 54, 1413-1437	1.5	1
23	Fault-tolerant transputer arrays for gas turbine engine control. *Computing & Control Engineering Journal*, **1991**, 2, 217		1
22	Effective mapping of continuous-time controllers to their discrete equivalents. *Electronics Letters*, **1990**, 26, 562	1.1	3
21	Effects of eye color and sex on accuracy in archery. *Perceptual and Motor Skills*, **1989**, 68, 389-90	2.2	9
20	Effects of eye color on the accuracy of ball throwing of elementary school children. *Perceptual and Motor Skills*, **1989**, 68, 163-6	2.2	5
19	Relations of eye color to scores on Bruininks-Oseretsky Test of Motor Proficiency--Short Form. *Perceptual and Motor Skills*, **1989**, 68, 859-62	2.2	7
18	Postneonatal development of respiratory oscillations. *Annals of the New York Academy of Sciences*, **1988**, 533, 305-13	6.5	11
17	Effects of eye color on frisbee toss. *Perceptual and Motor Skills*, **1988**, 66, 675-6	2.2	16
16	Application of multi-objective optimisation to compensator design for SISO control systems. *Electronics Letters*, **1986**, 22, 258	1.1	24
15	A non-linear programming approach to the computer-aided design of regulators using a linear-quadratic formulation *International Journal of Control*, **1985**, 42, 257-268	1.5	4
14	Frequency-response identification of a linear helical reluctance motor. *IEE Proceedings B: Electric Power Applications*, **1985**, 132, 101		
13	The control of ventilation: a theoretical analysis of the response to transient disturbances. *Journal of Theoretical Biology*, **1984**, 108, 261-83	2.3	17
12	Computer Aided Design of Suboptimal Linear Regulators. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1983**, 16, 409-415		
11	Determination of optimal constant feedback gains for nonlinear systems. *Proceedings of the Institution of Electrical Engineers*, **1979**, 126, 267		2
10	Computation of optimal piecewise-linear feedback gains for linear regulators. *Electronics Letters*, **1978**, 14, 651	1.1	

9	Desensitizing constant gain feedback linear regulators. *IEEE Transactions on Automatic Control*, **1978**, 23, 933-936	5.9	4
8	Design algorithms for a sensitivity constrained suboptimal regulator. *International Journal of Control*, **1977**, 25, 965-978	1.5	30
7	Comments and corrections to "Optimization with trajectory sensitvity considerations". *IEEE Transactions on Automatic Control*, **1977**, 22, 151-151	5.9	2
6	Algorithm for the reduction of sensitivity to parameter variations in the linear regulator. *Electronics Letters*, **1972**, 8, 50	1.1	
5	Robust PI Controller for Load Disturbance Rejection and Setpoint Regulation		8
4	Decentralized PI control of a rolls-royce jet engine		2
3	Evolutionary many-objective optimisation: an exploratory analysis		92
2			19
1	Genetic programming for dynamic chaotic systems modelling		3