

Douglas J Leith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9123321/publications.pdf>

Version: 2024-02-01

217
papers

5,753
citations

147566

31
h-index

110170

64
g-index

219
all docs

219
docs citations

219
times ranked

3675
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>OpenNym</scp> : Privacy preserving recommending via pseudonymous group authentication. Security and Privacy, 2022, 5, .	1.9	0
2	Selective Edge Computing for Mobile Analytics. IEEE Transactions on Network and Service Management, 2022, 19, 3090-3104.	3.2	2
3	Quick & plenty: Achieving low delay & high rate in 802.11ac edge networks. Computer Networks, 2021, 187, 107820.	3.2	3
4	Measurement-based evaluation of Google/Apple Exposure Notification API for proximity detection in a commuter bus. PLoS ONE, 2021, 16, e0250826.	1.1	17
5	Contact Tracing App Privacy: What Data Is Shared By Europeâ€™s GAEN Contact Tracing Apps. , 2021, , .		24
6	AutoML for Video Analytics with Edge Computing. , 2021, , .		34
7	Low-Delay Proportional Fair Rate Allocation For 802.11ac WLAN Downlink. , 2021, , .		0
8	BOOST: Transport-Layer Multi-Connectivity Solution for Multi-Wan Routers. , 2021, , .		0
9	Cluster-Based Bandits: Fast Cold-Start for Recommender System New Users. , 2021, , .		8
10	Smart replication for seamless and efficient real time communication in underground railway train. , 2021, , .		0
11	Low-delay high-rate operation of 802.11ac WLAN downlink: Nonlinear controller analysis & design. Computer Networks, 2021, 197, 108325.	3.2	0
12	Understanding MPTCP in Multi-WAN Routers: Measurements and System Design. , 2021, , .		1
13	Web Browser Privacy: What Do Browsers Say When They Phone Home?. IEEE Access, 2021, 9, 41615-41627.	2.6	11
14	Mobile Handset Privacy: Measuring the Data iOS and Android Send to Apple and Google. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 231-251.	0.2	9
15	Modelling Downlink Aggregation in Paced WLANs. , 2021, , .		0
16	Regulating Aggregation Level For Low Latency in 802.11ac. , 2020, , .		0
17	Measurement-based evaluation of Google/Apple Exposure Notification API for proximity detection in a light-rail tram. PLoS ONE, 2020, 15, e0239943.	1.1	64
18	Dynamic Scheduling for IoT Analytics at the Edge. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
19	Improving IoT Analytics through Selective Edge Execution. , 2020, , .		2
20	SOS: Stochastic Object-aware Scheduler for low delay communication over multiple wireless paths. , 2020, , .		0
21	Coronavirus Contact Tracing App Privacy: What Data Is Shared by the Singapore OpenTrace App?. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 80-96.	0.2	15
22	Coronavirus contact tracing. Computer Communication Review, 2020, 50, 66-74.	1.5	66
23	Measurement-driven Analysis of an Edge-Assisted Object Recognition System. , 2020, , .		8
24	Bayesian Online Learning for MEC Object Recognition Systems. , 2020, , .		4
25	An Efficient Web Traffic Defence Against Timing-Analysis Attacks. IEEE Transactions on Information Forensics and Security, 2019, 14, 525-540.	4.5	6
26	Joint Scheduling and Coding for Low In-Order Delivery Delay Over Lossy Paths With Delayed Feedback. IEEE/ACM Transactions on Networking, 2019, 27, 1987-2000.	2.6	12
27	A Convex Optimization Approach to Discrete Optimal Control. IEEE Transactions on Automatic Control, 2019, 64, 35-50.	3.6	10
28	\mathcal{L}_2 and \mathcal{L}_∞ Stability Analysis of Heterogeneous Traffic With Application to Parameter Optimization for the Control of Automated Vehicles. IEEE Transactions on Control Systems Technology, 2019, 27, 934-949.	3.2	54
29	Multi-destination aggregation with binary symmetric broadcast channel based coding in 802.11 WLANs. Wireless Networks, 2019, 25, 2201-2216.	2.0	0
30	Plausible Deniability in Web Searchâ€”From Detection to Assessment. IEEE Transactions on Information Forensics and Security, 2018, 13, 874-887.	4.5	3
31	ORLA/OLAA: Orthogonal Coexistence of LAA and WiFi in Unlicensed Spectrum. IEEE/ACM Transactions on Networking, 2018, 26, 2665-2678.	2.6	22
32	FluidRAN: Optimized vRAN/MEC Orchestration. , 2018, , .		75
33	Joint Optimization of Edge Computing Architectures and Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2433-2443.	9.7	51
34	Towards Resource-Efficient Wireless Edge Analytics for Mobile Augmented Reality Applications. , 2018, , .		4
35	Optimization-Based Linear Network Coding for General Connections of Continuous Flows. IEEE/ACM Transactions on Networking, 2018, 26, 2033-2047.	2.6	5
36	Updating Neighbour Cell List via Crowdsourced User Reports: A Framework for Measuring Time Performance. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Low Delay Random Linear Coding and Scheduling Over Multiple Interfaces. IEEE Transactions on Mobile Computing, 2017, 16, 3100-3114.	3.9	45
38	BLC. ACM Transactions on Privacy and Security, 2017, 20, 1-25.	2.2	5
39	Extreme points of the local differential privacy polytope. Linear Algebra and Its Applications, 2017, 534, 78-96.	0.4	7
40	Recommending access points to individual mobile users via automatic group learning. , 2017, , .		1
41	Fair Coexistence of Scheduled and Random Access Wireless Networks: Unlicensed LTE/WiFi. IEEE/ACM Transactions on Networking, 2017, 25, 3267-3281.	2.6	59
42	Design of FEC for Low Delay in 5G. IEEE Journal on Selected Areas in Communications, 2017, 35, 1783-1793.	9.7	57
43	Optimal Differentially Private Mechanisms for Randomised Response. IEEE Transactions on Information Forensics and Security, 2017, 12, 2726-2735.	4.5	43
44	Utility Fair Rate Allocation in LTE/802.11 Networks. IEEE/ACM Transactions on Networking, 2017, 25, 1076-1088.	2.6	3
45	A Linear Network Code Construction for General Integer Connections Based on the Constraint Satisfaction Problem. IEEE/ACM Transactions on Networking, 2017, 25, 3441-3454.	2.6	4
46	Time and place: robustness of a traffic analysis attack against web traffic. , 2017, , .		3
47	Fast, Responsive Decentralized Graph Coloring. IEEE/ACM Transactions on Networking, 2017, 25, 3628-3640.	2.6	11
48	Asynchronous primal updates in dual subgradient methods via approximate lagrange multipliers. , 2017, , .		0
49	Subgradient methods with perturbations in network problems. , 2016, , .		0
50	srsLTE. , 2016, , .		232
51	Stochastic subgradient methods with approximate Lagrange multipliers. , 2016, , .		2
52	Unlicensed LTE/WiFi coexistence: Is LBT inherently fairer than CSAT?. , 2016, , .		68
53	Using LTE in Unlicensed Bands: Potential Benefits and Coexistence Issues. , 2016, 54, 116-123.		37
54	Proportional fair rate allocation for private shared networks. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
55	Optimising rateless codes with delayed feedback to minimise in-order delivery delay. , 2016, , .		1
56	Experimental evaluation of multi-path schedulers for LTE/Wi-Fi devices. , 2016, , .		10
57	Measurement-based modelling of LTE performance in Dublin city. , 2016, , .		16
58	Maximizing LTE Capacity in Unlicensed Bands (LTE-U/LAA) While Fairly Coexisting With 802.11 WLANs. IEEE Communications Letters, 2016, 20, 1219-1222.	2.5	41
59	A Web Traffic Analysis Attack Using Only Timing Information. IEEE Transactions on Information Forensics and Security, 2016, 11, 1747-1759.	4.5	52
60	A first-hop traffic analysis attack against a femtocell. , 2016, , .		2
61	Diagnosing channel issues using GTP protocol messages in LTE core networks. , 2016, , .		1
62	Donâ€™t Let Google Know Iâ€™m Lonely. ACM Transactions on Privacy and Security, 2016, 19, 1-25.	2.2	2
63	Differentially private response mechanisms on categorical data. Discrete Applied Mathematics, 2016, 211, 86-98.	0.5	2
64	Max-Weight Revisited: Sequences of Nonconvex Optimizations Solving Convex Optimizations. IEEE/ACM Transactions on Networking, 2016, 24, 2676-2689.	2.6	5
65	Policing 802.11 MAC Misbehaviours. IEEE Transactions on Mobile Computing, 2016, 15, 1728-1742.	3.9	7
66	Thwarting Selfish Behavior in 802.11 WLANs. IEEE/ACM Transactions on Networking, 2016, 24, 492-505.	2.6	4
67	Rigorous and practical proportional-fair allocation for multi-rate Wi-Fi. Ad Hoc Networks, 2016, 36, 21-34.	3.4	21
68	A Linear Network Code Construction for General Integer Connections Based on the Constraint Satisfaction Problem. , 2015, , .		6
69	Utility fair RAT selection in multi-homed LTE/802.11 networks. , 2015, , .		0
70	Dual subgradient methods using approximate multipliers. , 2015, , .		2
71	Frames in outdoor 802.11 WLANs provide a hybrid binary-symmetric/packet-erasure channel. , 2015, , .		1
72	Proportional Fair Coding for Wireless Mesh Networks. IEEE/ACM Transactions on Networking, 2015, 23, 269-281.	2.6	4

#	ARTICLE	IF	CITATIONS
73	Differential privacy in metric spaces: Numerical, categorical and functional data under the one roof. Information Sciences, 2015, 305, 256-268.	4.0	18
74	Fair Virtualization of 802.11 Networks. IEEE/ACM Transactions on Networking, 2015, 23, 148-160.	2.6	11
75	Dynamic idle mode control in Small Cell networks. , 2015, , .		0
76	Optimization-based linear network coding for general connections of continuous flows. , 2015, , .		5
77	Coexistence of WiFi and LTE in unlicensed bands: A proportional fair allocation scheme. , 2015, , .		109
78	A coded generalization of selective repeat ARQ. , 2015, , .		36
79	Utility Fair Optimization of Antenna Tilt Angles in LTE Networks. IEEE/ACM Transactions on Networking, 2015, 23, 175-185.	2.6	34
80	Energy-aware configuration of small cell networks. , 2014, , .		4
81	On the relationship between queues and multipliers. , 2014, , .		5
82	Low delay random linear coding over a stream. , 2014, , .		27
83	Proportional Fair MU-MIMO in 802.11 WLANs. IEEE Wireless Communications Letters, 2014, 3, 221-224.	3.2	12
84	Congestion control for coded transport layers. , 2014, , .		15
85	A Linear Network Code Construction for General Integer Connections Based on the Constraint Satisfaction Problem. , 2014, , .		0
86	Tilt angle adaptation in LTE networks with advanced interference mitigation. , 2014, , .		0
87	Opportunistic Cooperative Reliable Transmission Protocol for Wireless Sensor Networks. Journal of Networks, 2014, 9, .	0.4	0
88	Decentralized Constraint Satisfaction. IEEE/ACM Transactions on Networking, 2013, 21, 1298-1308.	2.6	29
89	Learning-Based Constraint Satisfaction With Sensing Restrictions. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 811-820.	7.3	18
90	Measuring Pulsed Interference in 802.11 Links. IEEE/ACM Transactions on Networking, 2013, 21, 509-521.	2.6	4

#	ARTICLE	IF	CITATIONS
91	Decentralised learning MACs for collision-free access in WLANs. <i>Wireless Networks</i> , 2013, 19, 83-98.	2.0	45
92	On the Rate Region of CSMA/CA WLANs. <i>IEEE Transactions on Information Theory</i> , 2013, 59, 3932-3938.	1.5	5
93	PHY modulation/rate control for fountain codes in 802.11a/g WLANs. <i>Physical Communication</i> , 2013, 9, 135-144.	1.2	5
94	RT-WiFi. <i>ACM SIGBED Review</i> , 2013, 10, 28-28.	1.8	13
95	Analysis of radar detection probabilities in time division duplexed systems. , 2012, , .		0
96	Proportional Fair Coding for 802.11 WLANs. <i>IEEE Wireless Communications Letters</i> , 2012, 1, 468-471.	3.2	5
97	An upper bound on the packet error rate of 802.11a/g Viterbi soft decision decoding in the AWGN channel. , 2012, , .		1
98	Non-parametric maximum likelihood estimation of pulsed interference on wireless links. , 2012, , .		0
99	A measurement-based model of energy consumption in femtocells. , 2012, , .		20
100	Max-Min Fairness in 802.11 Mesh Networks. <i>IEEE/ACM Transactions on Networking</i> , 2012, 20, 756-769.	2.6	30
101	Self-configuration of scrambling codes for WCDMA small cell networks. , 2012, , .		8
102	WLAN channel selection without communication. <i>Computer Networks</i> , 2012, 56, 1424-1441.	3.2	24
103	A Non-Parametric Approach to Estimating Ambient Noise Levels in the Presence of Bursty Interference. <i>IEEE Wireless Communications Letters</i> , 2012, 1, 69-72.	3.2	0
104	Binary Symmetric Channel Based Aggregation with Coding for 802.11n WLANs. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012, , 256-273.	0.2	1
105	Buffer Sizing for 802.11-Based Networks. <i>IEEE/ACM Transactions on Networking</i> , 2011, 19, 156-169.	2.6	41
106	Incentivising Fairness and Policing Nodes in WiFi. <i>IEEE Communications Letters</i> , 2011, 15, 500-502.	2.5	3
107	Proportional Fairness in 802.11 Wireless LANs. <i>IEEE Communications Letters</i> , 2011, 15, 807-809.	2.5	28
108	Achieving End-to-end Fairness in 802.11e Based Wireless Multi-Hop Mesh Networks Without Coordination. <i>Mobile Networks and Applications</i> , 2011, 16, 17-34.	2.2	18

#	ARTICLE	IF	CITATIONS
109	Utility optimal coding for packet transmission over wireless networks â€” Part I: Networks of binary symmetric channels. , 2011, , .		3
110	Utility optimal coding for packet transmission over wireless networks â€” Part II: Networks of packet erasure channels. , 2011, , .		1
111	HartFi. , 2011, , .		7
112	Coding packets over reordering channels. , 2010, , .		2
113	On ARQ for packet erasure channels with bernoulli arrivals. , 2010, , .		4
114	Utility fairness in 802.11-based wireless mesh networks. , 2010, , .		0
115	Log-convexity of rate region in 802.11e WLANs. IEEE Communications Letters, 2010, 14, 57-59.	2.5	19
116	Sparse input matrix and state estimation for linear systems. , 2010, , .		1
117	Scheduling jobs with hard deadlines over Multiple Access and Degraded Broadcast Channels. , 2010, , .		0
118	Measuring Transmission Opportunities in 802.11 Links. IEEE/ACM Transactions on Networking, 2010, 18, 1516-1529.	2.6	42
119	Realising max-min fairness in 802.11e mesh networks. , 2010, , .		1
120	Opportunistic Routing for Interactive Traffic in Wireless Networks. , 2010, , .		9
121	Existence and uniqueness of fair rate allocations in lossy wireless networks. IEEE Transactions on Wireless Communications, 2009, 8, 3401-3406.	6.1	9
122	Aggregation With Fragment Retransmission for Very High-Speed WLANs. IEEE/ACM Transactions on Networking, 2009, 17, 591-604.	2.6	145
123	Achieving fairness in lossy 802.11e wireless multi-hop mesh networks. , 2009, , .		8
124	Low-delay dynamic routing using fountain codes. IEEE Communications Letters, 2009, 13, 552-554.	2.5	6
125	Inferring Queue State by Measuring Delay in a WiFi Network. Lecture Notes in Computer Science, 2009, , 8-16.	1.0	3
126	Log-det approximation based on uniformly distributed seeds and its application to Gaussian process regression. Journal of Computational and Applied Mathematics, 2008, 220, 198-214.	1.1	11

#	ARTICLE	IF	CITATIONS
127	On a class of optimal rateless codes. , 2008, , .		10
128	Buffer Sizing for TCP Flows in 802.11e WLANs. IEEE Communications Letters, 2008, 12, 216-218.	2.5	6
129	Making Available Base-RTT for Use in Congestion Control Applications. IEEE Communications Letters, 2008, 12, 429-431.	2.5	11
130	Implementing TCP flow-level fairness using 802.11e in a multi-radio mesh testbed. IEEE Communications Letters, 2008, 12, 262-264.	2.5	6
131	Adaptive Kalman Filtering for anomaly detection in software appliances. , 2008, , .		38
132	Achieving end-to-end fairness in 802.11e based wireless multi-hop mesh networks. , 2008, , .		2
133	Adaptive buffer sizing for TCP flows in 802.11e WLANs. , 2008, , .		6
134	Investigating the validity of IEEE 802.11 MAC modeling hypotheses. , 2008, , .		9
135	Spurious TCP timeouts in 802.11 networks. , 2008, , .		2
136	Spurious TCP Timeouts in 802.11 Networks. , 2008, , .		2
137	A critique of recently proposed buffer-sizing strategies. Computer Communication Review, 2007, 37, 43-48.	1.5	39
138	Draining time based scheduling algorithm. , 2007, , .		12
139	On the ergodicity of AIMD networks. Proceedings of the American Control Conference, 2007, , .	0.0	0
140	Modeling the 802.11 Distributed Coordination Function in Nonsaturated Heterogeneous Conditions. IEEE/ACM Transactions on Networking, 2007, 15, 159-172.	2.6	504
141	MAC Layer Channel Quality Measurement in 802.11. IEEE Communications Letters, 2007, 11, 143-145.	2.5	55
142	On the Dynamics of TCP's Higher Moments. IEEE Communications Letters, 2007, 11, 210-212.	2.5	3
143	Experimental assessment of 802.11 MAC layer channel estimators. IEEE Communications Letters, 2007, 11, 961-963.	2.5	11
144	A non-invasive method for link upgrade planning using coarse-grained measurements. IEEE Communications Letters, 2007, 11, 1037-1039.	2.5	0

#	ARTICLE	IF	CITATIONS
145	Experimental Evaluation of TCP Protocols for High-Speed Networks. IEEE/ACM Transactions on Networking, 2007, 15, 1109-1122.	2.6	168
146	Understanding 802.11e Voice Behaviour via Testbed Measurements and Modeling. , 2007, , .		9
147	On Queue Provisioning, Network Efficiency and the Transmission Control Protocol. IEEE/ACM Transactions on Networking, 2007, 15, 866-877.	2.6	11
148	Random Scaling of Quasi-Newton BFGS Method to Improve the $O(N^{2\langle \sup \rangle})$ -operation Approximation of Covariance-matrix Inverse in Gaussian Process. , 2007, , .		0
149	A disturbance response decoupling controller for emulating vertical dynamics of vehicles. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	2
150	Experimental Implementation of Optimal WLAN Channel Selection without Communication. , 2007, , .		14
151	Modelling TCP congestion control dynamics in drop-tail environments. Automatica, 2007, 43, 441-449.	3.0	90
152	Verification of Common 802.11 MAC Model Assumptions. , 2007, , 63-72.		10
153	Channel Dependent Interference and Decentralized Colouring. , 2007, , 95-104.		7
154	A positive systems model of TCP-like congestion control: asymptotic results. IEEE/ACM Transactions on Networking, 2006, 14, 616-629.	2.6	394
155	On buffer sizing for voice in 802.11 WLANs. IEEE Communications Letters, 2006, 10, 701-703.	2.5	28
156	Modeling 802.11 mesh networks. IEEE Communications Letters, 2006, 10, 635-637.	2.5	15
157	Stochastic Equilibria of AIMD Communication Networks. SIAM Journal on Matrix Analysis and Applications, 2006, 28, 703-723.	0.7	20
158	Inference of disjoint linear and nonlinear sub-domains of a nonlinear mapping. Automatica, 2006, 42, 849-858.	3.0	0
159	Convergence of Distributed Learning Algorithms for Optimal Wireless Channel Allocation. , 2006, , .		25
160	Sizing Internet Router Buffers, Active Queue Management, and the Lur'e Problem. , 2006, , .		12
161	GAUSSIAN REGRESSION BASED ON MODELS WITH TWO STOCHASTIC PROCESSES. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 142-147.	0.4	2
162	Analysis and design of AIMD congestion control algorithms in communication networks. Automatica, 2005, 41, 725-730.	3.0	78

#	ARTICLE	IF	CITATIONS
163	Control of Yaw Rate and Sideslip in 4-Wheel Steering Cars with Actuator Constraints. Lecture Notes in Computer Science, 2005, , 201-222.	1.0	13
164	Experimental evaluation of TCP performance and fairness in an 802.11e test-bed. , 2005, , .		39
165	TCP fairness in 802.11e WLANs. IEEE Communications Letters, 2005, 9, 964-966.	2.5	86
166	Modeling the 802.11 distributed coordination function in non-saturated conditions. IEEE Communications Letters, 2005, 9, 715-717.	2.5	166
167	Control of Sideslip and Yaw Rate in Cars Equipped with 4-Wheel Steer-by-Wire. , 2004, , .		6
168	Positive matrices associated with synchronised communication networks. Linear Algebra and Its Applications, 2004, 393, 47-54.	0.4	29
169	Non-linear control of four-wheel steering cars with actuator constraints. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 937-942.	0.4	1
170	An Adaptive AIMD Congestion Control Protocol for Communication Networks. Lecture Notes in Computer Science, 2004, , 699-711.	1.0	0
171	Modelling TCP Throughput and Fairness. Lecture Notes in Computer Science, 2004, , 938-948.	1.0	1
172	Issues in the design of switched linear control systems: A benchmark study. International Journal of Adaptive Control and Signal Processing, 2003, 17, 103-118.	2.3	80
173	GLOBAL RECONSTRUCTION OF NONLINEAR SYSTEMS FROM FAMILIES OF LINEAR SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 435-440.	0.4	1
174	A WIND TURBINE BENCHMARK FOR HYBRID SYSTEM ANALYSIS & DESIGN. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 121-126.	0.4	0
175	Online adaptive control of robot manipulators using dynamic fuzzy neural networks. , 2001, , .		4
176	Application of velocity-based gain-scheduling to lateral auto-pilot design for an agile missile. Control Engineering Practice, 2001, 9, 1079-1093.	3.2	5
177	New approach to the design of robust tracking and model following controllers for uncertain delay systems. IET Control Theory and Applications, 2001, 148, 472-477.	1.7	12
178	A velocity-based framework for the robust stability analysis of dynamic inversion flight controllers. , 2001, , .		4
179	Gain-scheduled control of a skid-to-turn missile: relaxing slow variation requirements by velocity-based design. , 2001, , .		1
180	Input-output linearisation of nonlinear systems with ill-defined relative degree: the ball and beam revisited. , 2001, , .		9

#	ARTICLE	IF	CITATIONS
181	Gain-Scheduled Control: Relaxing Slow Variation Requirements by Velocity-Based Design. Journal of Guidance, Control, and Dynamics, 2000, 23, 988-1000.	1.6	18
182	Survey of gain-scheduling analysis and design. International Journal of Control, 2000, 73, 1001-1025.	1.2	763
183	Input-output linearization by velocity-based gain-scheduling. International Journal of Control, 1999, 72, 229-246.	1.2	22
184	Analytic framework for blended multiple model systems using linear local models. International Journal of Control, 1999, 72, 605-619.	1.2	72
185	On microprocessor-based arc voltage control for gas tungsten arc welding using gain scheduling. IEEE Transactions on Control Systems Technology, 1999, 7, 718-723.	3.2	6
186	Gain-scheduled controller design: An analytic framework directly incorporating non-equilibrium plant dynamics. International Journal of Control, 1998, 70, 249-269.	1.2	46
187	Appropriate realisation of MIMO gain-scheduled controllers. International Journal of Control, 1998, 70, 13-50.	1.2	24
188	Gain-scheduled and nonlinear systems: Dynamic analysis by velocity-based linearization families. International Journal of Control, 1998, 70, 289-317.	1.2	99
189	On incorporating non-equilibrium plant dynamics into gain-scheduling design. , 1998, , .		0
190	Towards a theory of local model networks and blended multiple model systems. , 1998, , .		4
191	The importance of implementation issues in achieving control goals. , 1997, , .		0
192	Implementation of wind turbine controllers. International Journal of Control, 1997, 66, 349-380.	1.2	72
193	Can an appropriate gain-scheduling realisation enhance performance?. , 1996, , .		1
194	Appropriate realization of gain-scheduled controllers with application to wind turbine regulation. International Journal of Control, 1996, 65, 223-248.	1.2	105
195	Performance enhancement of wind turbine power regulation by switched linear control. International Journal of Control, 1996, 65, 555-572.	1.2	7
196	Application of nonlinear control to a HAWT. , 1994, , .		4
197	Identification of the SA-330 Puma helicopter. IET Control Theory and Applications, 1994, 141, 130-136.	1.7	4
198	Combination of data sets for system identification. IEE Proceedings D: Control Theory and Applications, 1993, 140, 11.	0.4	14

#	ARTICLE	IF	CITATIONS
199	Analysis of gain-scheduled and nonlinear systems by velocity-based linearisation families. , 0, , .		4
200	Equivalence of gain-scheduling and input-output linearisation for a class of commonly occurring plants. , 0, , .		3
201	On formulating nonlinear dynamics in LPV form. , 0, , .		17
202	Using Gaussian processes to synthesise voiced speech with natural pitch variations. , 0, , .		0
203	Divide & conquer identification using Gaussian process priors. , 0, , .		7
204	Necessary & sufficient conditions for the minimal state-space realisation of nonlinear systems from input-output information. , 0, , .		2
205	TCP Fairness in 802.11e WLANs. , 0, , .		16
206	Time-series Gaussian Process Regression Based on Toeplitz Computation of $O(N^2)$ Operations and $O(N)$ -level Storage. , 0, , .		51
207	Modelling 802.11 Wireless Links. , 0, , .		3
208	Modelling TCP dynamics in wireless networks. , 0, , .		9
209	On Improving Voice Capacity in 802.11 Infrastructure Networks. , 0, , .		23
210	Using the 802.11e EDCF to Achieve TCP Upload Fairness over WLAN Links. , 0, , .		32
211	Robust lateral controller for 4-wheel steer cars with actuator constraints. , 0, , .		12
212	A Self-Managed Distributed Channel Selection Algorithm for WLANs. , 0, , .		70
213	Improving Fairness in Multi-Hop Mesh Networks Using 802.11e. , 0, , .		9
214	Experimental Evaluation of 802.11e EDCA for Enhanced Voice over WLAN Performance. , 0, , .		27
215	A New MAC Scheme for Very High-Speed WLANs. , 0, , .		10
216	Modeling 802.11e for data traffic parameter design. , 0, , .		21

#	ARTICLE	IF	CITATIONS
217	Robust tracking controllers of uncertain delay systems. , 0, , .		2