Chai Kiat Yeo

List of Publications by Year
in descending order

219 papers	2,360 citations	331670 21 h-index	315739 38 g-index
220 all docs	220 docs citations	220 times ranked	1951 citing authors

#	Article	IF	Citations
1	An Image Inpainting Approach to Short-Term Load Forecasting. IEEE Transactions on Power Systems, 2023, 38, 177-187.	6.5	8
2	Identification of rumour stances by considering network topology and social media comments. Journal of Information Science, 2022, 48, 118-130.	3.3	8
3	Optimal sequential relay-remote selection and computation offloading in mobile edge computing. Journal of Supercomputing, 2022, 78, 1093-1116.	3.6	5
4	Hybrid market-based resources allocation in Mobile Edge Computing systems under stochastic information. Future Generation Computer Systems, 2022, 127, 80-91.	7.5	8
5	Exploiting user network topology and comment semantic for accurate rumour stance recognition on social media. Journal of Information Science, 2022, 48, 660-675.	3.3	4
6	Context-Aware Memory Attention Network for Video-Based Action Recognition. , 2022, , .		1
7	Market-based dynamic resource allocation in Mobile Edge Computing systems with multi-server and multi-user. Computer Communications, 2021, 165, 43-52.	5.1	14
8	Self-Organizing Map assisted Deep Autoencoding Gaussian Mixture Model for Intrusion Detection. , 2021, , .		7
9	Distributed Algorithm for Computation Offloading in Mobile Edge Computing. , 2021, , .		0
10	Lower-Limb Rehabilitation at Home. International Journal of Interdisciplinary Telecommunications and Networking, 2021, 13, 12-23.	0.3	0
11	BCMM: A novel post-based augmentation representation for early rumour detection on social media. Pattern Recognition, 2021, 113, 107818.	8.1	16
12	Multi-scale Self-Organizing Map assisted Deep Autoencoding Gaussian Mixture Model for unsupervised intrusion detection. Knowledge-Based Systems, 2021, 224, 107086.	7.1	22
13	Solving Large-Scale Extensive-Form Network Security Games via Neural Fictitious Self-Play. , 2021, , .		4
14	GPS Location Spoofing and FM Broadcast Intrusion Using Software-Defined Radio. International Journal of Interdisciplinary Telecommunications and Networking, 2020, 12, 104-117.	0.3	1
15	Lower-Limb Rehabilitation at Home. International Journal of Interdisciplinary Telecommunications and Networking, 2020, 12, 15-27.	0.3	0
16	Harvesting Social Media Sentiments for Stock Index Prediction. , 2020, , .		2
17	Network Anomaly Detection Using Federated Deep Autoencoding Gaussian Mixture Model. Lecture Notes in Computer Science, 2020, , 1-14.	1.3	11
18	MessyTable: Instance Association in Multiple Camera Views. Lecture Notes in Computer Science, 2020, , 1-16.	1.3	4

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19	Distributed algorithm for AP association with random arrivals and departures of users. IET Communications, 2020, 14, 846-856.	2.2	1
20	Twoâ€tier trading strategy design for spectrum allocation in heterogeneous cognitive radio networks. IET Communications, 2020, 14, 2759-2768.	2.2	2
21	Unauthorized Parking Detection using Deep Networks at Real Time. , 2019, , .		8
22	Spectrum Sharing for Heterogeneous Communication Systems in TV White Spaces. , 2019, , .		0
23	Two-Tier Spectrum Trading Strategy for Heterogeneous Cognitive Radio Networks. , 2019, , .		1
24	Automatic Detection of Parking Violation and Capture of License Plate. , 2019, , .		5
25	Dynamic Spectrum Allocation for Heterogeneous Cognitive Radio Networks With Multiple Channels. IEEE Systems Journal, 2019, 13, 53-64.	4.6	19
26	Energy Efficiency Consideration for Indoor Femtocell Networks in TV White Spaces. IEEE Access, 2018, 6, 1565-1576.	4.2	9
27	Power spectrum entropy based detection and mitigation of low-rate DoS attacks. Computer Networks, 2018, 136, 80-94.	5.1	51
28	Smartphone Orientation Estimation Algorithm Combining Kalman Filter With Gradient Descent. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1421-1433.	6.3	32
29	Efficient replication for vehicular content distribution. Vehicular Communications, 2018, 13, 13-26.	4.0	1
30	Adaptive trust and privacy management framework for vehicular networks. Vehicular Communications, 2018, 13, 1-12.	4.0	37
31	Spectrum Sharing for Heterogeneous Networks and Application Systems in TV White Spaces. IEEE Access, 2018, 6, 19833-19843.	4.2	9
32	Unsupervised rumor detection based on usersâ€™ behaviors using neural networks. Pattern Recognition Letters, 2018, 105, 226-233.	4.2	75
33	Detecting Flooding Attack and Accommodating Burst Traffic in Delay-Tolerant Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 795-808.	6.3	24
34	Distributed Decisions on TV Spectrum Allocation Considering Spatial and Temporal Variation. IEEE Access, 2018, 6, 59316-59328.	4.2	2
35	Smart Cross-Platform Binary Visualisation Tool. , 2018, , .		1
36	Exploiting Behavioral Differences to Detect Fake Ne. , 2018, , .		4

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37	TV white space and its applications in future wireless networks and communications: a survey. IET Communications, 2018, 12, 2521-2532.	2.2	23
38	Leveraging social media news to predict stock index movement using RNN-boost. Data and Knowledge Engineering, 2018, 118, 14-24.	3.4	63
39	Automated oscillation detection and correction of fused wearable sensor signals using machine learning. , 2018, , .		0
40	Autoencoder-based network anomaly detection. , 2018, , .		140
41	Online binary visualization for Pdf documents. , 2018, , .		4
42	ElderSense, an IoT system for the elderly living independently. , 2018, , .		4
43	Evolutionary multi-objective optimization based ensemble autoencoders for image outlier detection. Neurocomputing, 2018, 309, 192-200.	5.9	28
44	A novel anomaly detection system using feature-based MSPCA with sketch. , 2017, , .		5
45	Detecting flooding attack while accommodating burst traffic in delay tolerant networks. , 2017, , .		1
46	Detection of network anomalies using Improved-MSPCA with sketches. Computers and Security, 2017, 65, 314-328.	6.0	16
47	FRRED: Fourier robust RED algorithm to detect and mitigate LDoS attacks. , 2017, , .		6
48	Detecting rumors on Online Social Networks using multi-layer autoencoder. , 2017, , .		22
49	Stock market prediction using neural network through news on online social networks. , 2017, , .		22
50	MaxRep: Efficient Replication for Vehicular Content Distribution. , 2017, , .		0
51	A study on real-time low-quality content detection on Twitter from the usersâ€™ perspective. PLoS ONE, 2017, 12, e0182487.	2.5	20
52	Behavior deviation: An anomaly detection view of rumor preemption. , 2016, , .		18
53	A distance-based outlier detection method for rumor detection exploiting user behaviorial differences. , 2016, , .		3
54	Combining MIC feature selection and feature-based MSPCA for network traffic anomaly detection. , 2016, , .		17

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55	Algorithm for 3D orientation estimation based on Kalman Filter and Gradient Descent. , 2016, , .		14
56	A trust-privacy framework in vehicular ad hoc networks (VANET). , 2016, , .		5
57	Data exchange via multiplexed color QR codes on mobile devices. , 2016, , .		8
58	Mood prediction from facial video with music â€œtherapyâ€•on a smartphone. , 2016, , .		3
59	Detecting Colluding Blackhole and Greyhole Attacks in Delay Tolerant Networks. IEEE Transactions on Mobile Computing, 2016, 15, 1116-1129.	5.8	47
60	A MSPCA based intrusion detection algorithm tor detection of DDoS attack. , 2015, , .		6
61	Conceptual Network Model From Sensory Neurons to Astrocytes of the Human Nervous System. IEEE Transactions on Biomedical Engineering, 2015, 62, 1843-1852.	4.2	8
62	Modelling Calcium Signaling with a Two-Layer Cluster-Based Communication Network System. , 2015, , .		0
63	Detecting Flooding Attack in Delay Tolerant Networks by Piggybacking Encounter Records. , 2015, , .		4
64	Real-Time Twitter Content Polluter Detection Based on Direct Features. , 2015, , .		9
65	Objective measures for quality assessment of noise-suppressed speech. Speech Communication, 2015, 71, 62-73.	2.8	7
66	Assistive visual aid for the elderly hearing impaired. , 2015, , .		0
67	Detecting colluding blackhole and greyhole attack in Delay Tolerant Networks. , 2015, , .		1
68	Cluster-Based Cooperative Spectrum Sensing Assignment Strategy for Heterogeneous Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2015, 64, 2637-2647.	6.3	78
69	Cluster-based adaptive multispectrum sensing and access in cognitive radio networks. Wireless Communications and Mobile Computing, 2015, 15, 100-114.	1.2	5
70	A Wavelet Entropy-Based Change Point Detection on Network Traffic: A Case Study of Heartbleed Vulnerability. , 2014, , .		7
71	Using mobile relays as connectivity catalyst for highly mobile networks. , 2014, , .		0
72	Cryptanalyzing the efficient identity-based RSA and GQ multisignature schemes. , 2014, , .		0

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73	Cluster-Based Cooperative Spectrum Sensing Assignment Strategy in Cognitive Radio Networks. , 2014, , .		2
74	Optimal non-identical sensing setting for multi channels in cognitive radio networks. Computer Communications, 2014, 41, 67-75.	5.1	0
75	Mobile Internet access over intermittent network connectivity. Journal of Network and Computer Applications, 2014, 40, 126-138.	9.1	6
76	Resilient mesh-tree overlay for differentiated temporal requirement service in P2P streaming. , 2014, , .		0
77	Statistical wormhole detection and localization in delay tolerant networks. , 2014, , .		0
78	Sequential sensing based spectrum handoff in cognitive radio networks with multiple users. Computer Networks, 2014, 58, 87-98.	5.1	20
79	An Enhanced Cluster-based Network Model for Calcium Signaling. IEEE Nanotechnology Magazine, 2013, 12, 788-795.	2.0	4
80	MaxCD: Efficient multi-flow scheduling and cooperative downloading for improved highway drive-thru Internet systems. Computer Networks, 2013, 57, 1805-1820.	5.1	17
81	Cooperative Duty Cycling For Energy-Efficient Contact Discovery in Pocket Switched Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1815-1826.	6.3	15
82	Teaching an Old TPM New Tricks: Repurposing for Identity-Based Signatures. IEEE Security and Privacy, 2013, 11, 28-35.	1.2	1
83	A MAC Sensing Protocol Design for Data Transmission with More Protection to Primary Users. IEEE Transactions on Mobile Computing, 2013, 12, 621-632.	5.8	12
84	Design and analysis of a cluster-based calcium signaling network model. , 2013, , .		1
85	Dual-metric hybrid protocol for application level multicast for live video streaming. , 2013, , .		1
86	Multi-policy link state routing for disruption tolerant networks. , 2013, , .		1
87	EFLoM: An Efficient Framework for Local Mobility. Computer Communications, 2013, 36, 291-302.	5.1	0
88	Enabling Efficient WiFi-Based Vehicular Content Distribution. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 479-492.	5.6	40
89	Measuring Group Mobility: A Topology Based Approach. IEEE Wireless Communications Letters, 2013, 2, 54-57.	5.0	5
90	Anonymity-preserving identity-based multisignature scheme with provision for origin Self-Revelation. , 2013, , .		0

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91	Enabling email access under intermittent connectivity. , 2013, , .		0
92	CDC: An Energy-Efficient Contact Discovery Scheme for Pocket Switched Networks. , 2012, , .		5
93	Achieving Small-World Properties using Bio-Inspired Techniques in Wireless Networks. Computer Journal, 2012, 55, 909-931.	2.4	12
94	Threat mitigation in tactical-level disruption tolerant networks. , 2012, , .		0
95	MaxCD: Max-Rate Based Cooperative Downloading for Drive-Thru Networks. , 2012, , .		5
96	Molecular communication model through gap junction channel with selective permeabilities. , 2012, , .		1
97	Exploring Locality of Reference in P2P VoD Systems. IEEE Transactions on Multimedia, 2012, 14, 1309-1323.	7.2	6
98	Optimal handing-back point in mobile data offloading. , 2012, , .		19
99	Enabling Network Based Local Mobility with Cooperative Access Points. , 2012, , .		1
100	Joint iterative algorithm for optimal cooperative spectrum sensing in cognitive radio networks. Computer Communications, 2012, 36, 80-89.	5.1	7
101	Toward Reliable Data Delivery for Highly Dynamic Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2012, 11, 111-124.	5.8	67
102	Mitigating the impact of node mobility using mobile backbone for heterogeneous MANETs. Computer Communications, 2012, 35, 1217-1230.	5.1	5
103	Adaptive load balancing algorithm for multiple homing mobile nodes. Journal of Network and Computer Applications, 2012, 35, 316-327.	9.1	6
104	Throughput and delay scaling laws for mobile overlaid wireless networks. Journal of Network and Computer Applications, 2012, 35, 657-667.	9.1	1
105	Performance improvements for network-wide broadcast with instantaneous network information. Journal of Network and Computer Applications, 2012, 35, 1162-1174.	9.1	4
106	A Self-Organization Framework for Wireless Ad Hoc Networks as Small Worlds. IEEE Transactions on Vehicular Technology, 2012, 61, 2659-2673.	6.3	36
107	A Cooperative Content Distribution System for Vehicles. , 2011, , .		8
108	Adaptive Load Balancing Algorithm for multi-homing mobile nodes in local domain. , 2011, , .		4

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109	Self-organization of nodes using bio-inspired techniques for achieving small world properties. , 2011, , .		3
110	Self-organization of wireless ad hoc networks as small worlds using long range directional beams. , 2011, , .		4
111	Superchunk-Based Efficient Search in P2P-VoD System. IEEE Transactions on Multimedia, 2011, 13, 376-387.	7.2	15
112	Probabilistic Routing Based on History of Messages in Delay Tolerant Networks. , 2011, , .		10
113	A Plausibly-Deniable, Practical Trusted Platform Module Based Anti-Forensics Client-Server System. IEEE Journal on Selected Areas in Communications, 2011, 29, 1377-1391.	14.0	3
114	A DCT-Based Speech Enhancement System With Pitch Synchronous Analysis. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 2614-2623.	3.2	23
115	Distributed Court System for intrusion detection in mobile ad hoc networks. Computers and Security, 2011, 30, 555-570.	6.0	10
116	Improving job scheduling performance with parallel access to replicas in Data Grid environment. Journal of Supercomputing, 2011, 56, 245-269.	3.6	3
117	Exploiting wireless broadcast advantage as a network-wide cache. , 2011, , .		5
118	Optimal Non-Identical Sensing Setting for Multi-Channel Cooperative Sensing. , 2011, , .		9
119	Multi-Rate Broadcasting: Analysis and Design of Stateless Algorithms. , 2011, , .		0
120	DTN Serial Convergence Layer with Multiple Access Control & Neighbour Discovery. , 2011, , .		0
121	Predictive Scheduling in Drive-Thru Networks with Flow-Level Dynamics and Deadlines. , 2011, , .		2
122	Dynamic Transmission Scheduling for Streaming Applications via P2P Overlay. Journal of Signal Processing Systems, 2010, 59, 355-366.	2.1	1
123	A Service/Device Differentiation Scheme for Contention-Tone-Based Wireless LAN Protocol. IEEE Transactions on Vehicular Technology, 2010, 59, 3872-3885.	6.3	4
124	Over-Attenuated Components Regeneration for Speech Enhancement. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 2004-2014.	3.2	8
125	Enabling inter-PMIPv6-domain handover with traffic distributors. Journal of Network and Computer Applications, 2010, 33, 397-409.	9.1	12
126	A model to predict the optimal performance of the Hierarchical Data Grid. Future Generation Computer Systems, 2010, 26, 1-11.	7.5	16

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127	Environment-aware QoS framework for multi-interface terminal. Computer Communications, 2010, 33, 1049-1055.	5.1	6
128	Efficient DSR route request flooding with directional antennas. Computer Networks, 2010, 54, 2293-2309.	5.1	1
129	Throughput-Delay Scaling for Two Mobile Overlaid Networks. , 2010, , .		2
130	Exploring Locality of Reference in P2P VoD Systems. , 2010, , .		1
131	Robust Geographic Routing with Virtual Destination Based Void Handling for MANETs. , 2010, , .		5
132	A Disruption Tolerant Mobility Architecture Towards Convergent Terminal Mobility. , 2010, , .		0
133	A Novel Architecture of Intrusion Detection System. , 2010, , .		4
134	A Queuing Mechanism to Alleviate Flooding Attacks in Probabilistic Delay Tolerant Networks. , 2010, , .		17
135	A Network Lifetime Aware Cooperative MAC Scheme for 802.11b Wireless Networks. , 2010, , .		4
136	Enabling Inter-PMIPv6-Domain Handover with Traffic Distributors. , 2010, , .		2
137	Controlling Route Discovery for Efficient Routing in Resource-Constrained Sensor Networks. , 2010, , .		1
138	A "Plug-and-Play' Framework to Enhance Heterogeneity and Versatility in Delay Tolerant Networks. , 2010, , .		0
139	An IPv6 Translation Scheme for Small and Medium Scale Deployment. , 2010, , .		3
140	SIP-Based Mobility Management and Multihoming SIP-Based Mobility Management and Multihoming. , 2010, , 265-303.		0
141	Mobility Support for Intermittently Connected Mobile Terminals. , 2009, , .		0
142	Superchunk Based Fast Search in P2P-VoD System. , 2009, , .		2
143	An interface management framework for multihomed terminal. , 2009, , .		1
144	Content and overlay-aware scheduling for peer-to-peer streaming in fluctuating networks. Journal of Network and Computer Applications, 2009, 32, 901-912.	9.1	8

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145	A terminal-assisted route optimized NEMO management. Telecommunication Systems, 2009, 42, 263-272.	2.5	5
146	A spectral filtering method based on hybrid wiener filters for speech enhancement. Speech Communication, 2009, 51, 259-267.	2.8	36
147	Position Based Opportunistic Routing for Robust Data Delivery in MANETs. , 2009, , .		44
148	A post-processing technique for regeneration of over-attenuated speech. , 2009, , .		5
149	2D psychoacoustic filtering for robust speech recognition. , 2009, , .		5
150	TMSP: Terminal Mobility Support Protocol. IEEE Transactions on Mobile Computing, 2009, 8, 849-863.	5.8	16
151	Dual-Interface Multiple Channels DSDV Protocol. , 2009, , .		1
152	An Efficient Framework for Local Mobility. , 2009, , .		0
153	Algorithms to minimize channel interference in multiple channels multiple interfaces environments. , 2009, , .		0
154	Impact of Parallel Download on Job Scheduling in Data Grid Environment. , 2008, , .		9
155	Seamless Mobility Across Heterogeneous Wireless Domains. , 2008, , .		0
156	An Efficient Scheme to Discover Neighbors Beyond Omnidirectional Transmission Range. , 2008, , .		1
157	MIH Based SIP Mobility Management Scheme in Heterogeneous Wireless Networks. , 2008, , .		4
158	Efficient QoS Differentiation in Crowded Wireless LANs. IEEE Vehicular Technology Conference, 2008, , .	0.4	2
159	A mobile SIP. , 2008, , .		0
160	An auditory model for robust speech recognition. , 2008, , .		6
161	A Mobility Management Scheme with QoS Support for Heterogeneous Multihomed Mobile Nodes. , 2008, , .		5
162	Content and Overlay-Aware Transmission Scheduling in Peer-to-Peer Streaming. , 2008, , .		1

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163	Terminal-Assisted Network Mobility Management. , 2007, , .		5
164	A terminal-assisted route optimized NEMO management. , 2007, , .		1
165	Hybrid Protocol for Application Level Multicast for Live Video Streaming. , 2007, , .		9
166	Effectiveness of Explicit Stations Grouping in Crowded Wireless LANs. IEEE Communications Letters, 2007, 11, 659-661.	4.1	4
167	QoS in terminal-assisted mobility. , 2007, , .		0
168	Click4BuildingID@NTU: Click for Building Identification with GPS-enabled Camera Cell Phone. , 2007, , .		2
169	A Mobility Scheme for Personal and Terminal Mobility. , 2007, , .		7
170	Peer-to-Peer Streaming Scheduling to Improve Real-Time Latency. , 2007, , .		10
171	Quantum-Based Earliest Deadline First Scheduling for Multiservices. IEEE Transactions on Multimedia, 2007, 9, 157-168.	7.2	14
172	Service Differentiation in Wireless Networks: Adaptive Ad Hoc Qs Versus IEEE 802.11e. Networks, 2008 ICON 2008 16th IEEE International Conference on, 2007, , .	0.0	2
173	Distributed Neighbor Discovery in Ad Hoc Networks Using Directional Antennas. , 2006, , .		20
174	The impact of data replication on job scheduling performance in the Data Grid. Future Generation Computer Systems, 2006, 22, 254-268.	7.5	136
175	Processing Delay as a New Metric for On-Demand Mobile Ad Hoc Network Routing Path Selection. , 2006, , .		4
176	Edge-to-Edge Quality-of-Service Domain. IEICE Transactions on Communications, 2006, E89-B, 1554-1569.	0.7	0
177	Dynamic replication algorithms for the multi-tier Data Grid. Future Generation Computer Systems, 2005, 21, 775-790.	7.5	105
178	Weighted deficit earliest departure first scheduling. Computer Communications, 2005, 28, 1711-1720.	5.1	4
179	IPv6 network mobility for flat ad hoc routing protocol. , 2005, , .		2
180	Combining Data Replication Algorithms and Job Scheduling Heuristics in the Data Grid. Lecture Notes in Computer Science, 2005, , 381-390.	1.3	8

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181	Java-Based, Wap-Enabled Unified Messaging System. International Journal of Computers and Applications, 2004, 26, 1-8.	1.3	0
182	A survey of application level multicast techniques. Computer Communications, 2004, 27, 1547-1568.	5.1	101
183	Secure communications between bandwidth brokers. Operating Systems Review (ACM), 2004, 38, 43-57.	1.9	7
184	Design and Implementation of a Java-based Meeting Space over Internet. Multimedia Tools and Applications, 2003, 20, 179-195.	3.9	1
185	Path and Oracle Discovery Protocol for Centralized Bandwidth Reservation Mechanisms. Journal of Network and Systems Management, 2003, 11, 447-468.	4.9	2
186	A framework for multicast video streaming over IP networks. Journal of Network and Computer Applications, 2003, 26, 273-289.	9.1	24
187	H.323 compliant voice over IP system. International Journal of Computer Applications in Technology, 2003, 16, 143.	0.5	4
188	Transformation of narrowband speech into wideband speech with aid of zero crossings rate. Electronics Letters, 2002, 38, 1607.	1.0	8
189	Unicorn. Operating Systems Review (ACM), 2002, 36, 36-51.	1.9	12
190	A peering architecture for ubiquitous IP multicast streaming. Operating Systems Review (ACM), 2002, 36, 82-95.	1.9	7
191	Hybrid quality adaptation mechanism for layered multicast over the internet. Journal of Network and Computer Applications, 2002, 25, 145-159.	9.1	0
192	A DYNAMIC PEERING NETWORK FOR MULTICAST STREAMING. , 2002, , .		1
193	A Fax Adapter for Internet Fax-To-Fax Communication. International Journal of Computers and Applications, 2001, 23, 60-67.	1.3	1
194	A unified messaging system on the Internet. Microprocessors and Microsystems, 2001, 24, 523-530.	2.8	1
195	An analogue video interface for general-purpose DSP. Microprocessors and Microsystems, 2001, 25, 33-39.	2.8	3
196	An adaptive protocol for real-time fax communications over Internet. Computer Communications, 2001, 24, 1134-1146.	5.1	2
197	RQRP protocol for video delivery over IP. International Journal of Communication Systems, 2001, 14, 885-896.	2.5	0
198	Electronic parking meter. International Journal of Computer Applications in Technology, 2000, 13, 244.	0.5	1

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199	A unified interface for Internet faxing systems. Computer Standards and Interfaces, 2000, 22, 27-42.	5.4	3
200	A web-based Internet Java Phone for real-time voice communication. World Wide Web, 2000, 3, 193-203.	4.0	0
201	JMS-Java-Based Meeting Space. Journal of Organizational Computing and Electronic Commerce, 2000, 10, 171-188.	1.8	2
202	A DAVIC-based video-on-demand system over IP networks. IEEE Transactions on Consumer Electronics, 2000, 46, 6-15.	3.6	1
203	Design of an Internet fax and voice gateway. Microprocessors and Microsystems, 1999, 22, 395-402.	2.8	1
204	Improved noise suppression filter using self-adaptive estimator of probability of speech absence. Signal Processing, 1999, 75, 151-159.	3.7	52
205	Portable adapter for barcode scanners. Microprocessors and Microsystems, 1999, 23, 217-223.	2.8	4
206	Lossless compression of multispectral satellite images. Journal of Communications and Networks, 1999, 1, 226-230.	2.6	2
207	A DAVIC-based video-on-demand system over ATM networks. IEEE Transactions on Consumer Electronics, 1999, 45, 345-355.	3.6	2
208	Integrating Internet with PSTN networks for voice services. International Journal of Computer Applications in Technology, 1999, 12, 141.	0.5	0
209	Supporting Real-Time Faxing over the Internet. Lecture Notes in Computer Science, 1999, , 264-273.	1.3	0
210	Noisy speech enhancement using discrete cosine transform. Speech Communication, 1998, 24, 249-257.	2.8	119
211	Information technology and the Internet: The Singapore experience. Information Technology for Development, 1998, 8, 101-120.	4.8	8
212	A telephone adapter for Internet telephony systems. Microprocessors and Microsystems, 1997, 21, 213-221.	2.8	0
213	A framework for handling MPEG data streams over a local area network. , 0, , .		0
214	Wavelet for speech denoising. , 0, , .		15
215	Weighted deficit earliest departure first scheduling. , 0, , .		1
216	Dual-rate quantum-controlled scheduling. , 0, , .		0

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217	Ad hoc Qs: MAC-independent Traffic Differentiation in IEEE 802.11-based Ad Hoc WLAN. , 0, , .		2
218	Bandwidth Extension of Narrowband Speech using Soft-decision Vector Quantization. , 0, , .		3
219	Pervasive Communication for Commuters in Public Buses. , 0, , .		1