

Yun-Wei Lin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/881064/yun-wei-lin-publications-by-year.pdf>

Version: 2024-04-20

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

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

337
papers

4,972
citations

33
h-index

59
g-index

372
ext. papers

6,312
ext. citations

5.3
avg, IF

5.95
L-index

#	Paper	IF	Citations
337	DroneTalk: An Internet-of-Things-Based Drone System for Last-Mile Drone Delivery. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-14	6.1	2
336	Joint Scheduling of Participants, Local Iterations, and Radio Resources for Fair Federated Learning over Mobile Edge Networks. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	
335	SensorTalk: Extending the Life for Redundant Electrical Conductivity Sensor. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	
334	Modeling Control Delays for Edge-enabled UAVs in Cellular Networks. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
333	Prediction of Queue Dissipation Time for Mixed Traffic Flows With Deep Learning. <i>IEEE Open Journal of Intelligent Transportation Systems</i> , 2022 , 3, 267-277	1.7	
332	A Bidirectional Trust Model for Service Delegation in Social Internet of Things. <i>Future Internet</i> , 2022 , 14, 135	3.3	0
331	Efficient Detection of Link-Flooding Attacks with Deep Learning. <i>Sustainability</i> , 2021 , 13, 12514	3.6	
330	VerificationTalk: A Verification and Security Mechanism for IoT Applications. <i>Sensors</i> , 2021 , 21,	3.8	2
329	A Flow Control Scheme Based on Per Hop and Per Flow in Commodity Switches for Lossless Networks. <i>IEEE Access</i> , 2021 , 9, 156013-156029	3.5	1
328	Effects of Transport Network Slicing on 5G Applications. <i>Future Internet</i> , 2021 , 13, 69	3.3	3
327	CalibrationTalk: A Farming Sensor Failure Detection and Calibration Technique. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6893-6903	10.7	3
326	AMBTalk: A Cardiovascular IoT Device for Ambulance Applications. <i>Sensors</i> , 2021 , 21,	3.8	2
325	A Full-Process Optimization-Based Background Subtraction for Moving Object Detection on General-Purpose Embedded Devices. <i>IEEE Transactions on Consumer Electronics</i> , 2021 , 67, 129-140	4.8	1
324	FusionTalk: An IoT-Based Reconfigurable Object Identification System. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7333-7345	10.7	2
323	PigTalk: An AI-Based IoT Platform for Piglet Crushing Mitigation. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4345-4355	11.9	5
322	HouseTalk: A House That Comforts You. <i>IEEE Access</i> , 2021 , 9, 27790-27801	3.5	3
321	PuppetTalk: Conversation Between Glove Puppetry and Internet of Things. <i>IEEE Access</i> , 2021 , 9, 6786-6797	3.5	2

320	OAuth-Based Access Control Framework for IoT Systems. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 208-219	0.2	1
319	Pragmatic real-time logistics management with traffic IoT infrastructure: Big data predictive analytics of freight travel time for Logistics 4.0. <i>International Journal of Production Economics</i> , 2021 , 238, 108157	9.3	12
318	SpecTalk: Conforming IoT Implementations to Sensor Specifications. <i>Sensors</i> , 2021 , 21,	3.8	0
317	MobiDIV: A privacy-aware real-time driver identity verification on mobile phone. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
316	Ubiquitous and Low Power Vehicles Speed Monitoring for Intelligent Transport Systems. <i>IEEE Sensors Journal</i> , 2020 , 20, 5656-5665	4	11
315	3D On-Demand Flying Mobile Communication for Millimeter-Wave Heterogeneous Networks. <i>IEEE Network</i> , 2020 , 34, 198-204	11.4	6
314	Dual-Stack Network Management Through One-Time Authentication Mechanism. <i>IEEE Access</i> , 2020 , 8, 34706-34716	3.5	2
313	Green Elevator Scheduling Based on IoT Communications. <i>IEEE Access</i> , 2020 , 8, 38404-38415	3.5	4
312	SimTalk: Simulation of IoT Applications. <i>Sensors</i> , 2020 , 20,	3.8	7
311	Aggregating and disaggregating packets with various sizes of payload in P4 switches at 100Gbps line rate. <i>Journal of Network and Computer Applications</i> , 2020 , 165, 102676	7.9	5
310	RiceTalk: Rice Blast Detection Using Internet of Things and Artificial Intelligence Technologies. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1001-1010	10.7	46
309	Machine learning with parallel neural networks for analyzing and forecasting electricity demand. <i>Computational Economics</i> , 2020 , 56, 569-597	1.4	3
308	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2955-2967	10.7	11
307	Implementing AI as Cyber IoT Devices: The House Valuation Example. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2612-2620	11.9	10
306	Investigating Asian Parti-colored bats using the BatTalk internet of things approach. <i>Journal of Network and Computer Applications</i> , 2020 , 172, 102809	7.9	
305	ParadeTalk: Innovative Interactions between Parade and Audiences Using IoT. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 2-6	3.5	
304	Design and Implementation of TCP-Friendly Meters in P4 Switches. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 1885-1898	3.8	3
303	Developing Smart Home Applications. <i>Mobile Networks and Applications</i> , 2020 , 1	2.9	1

302	Merging anomalous data usage in wireless mobile telecommunications: Business analytics with a strategy-focused data-driven approach for sustainability. <i>European Journal of Operational Research</i> , 2020 , 281, 687-705	5.6	4
301	An Intelligent Elevator Development and Management System. <i>IEEE Systems Journal</i> , 2020 , 14, 3015-3026	3	5
300	. <i>IT Professional</i> , 2019 , 21, 26-32	1.9	18
299	High-speed data-plane packet aggregation and disaggregation by P4 switches. <i>Journal of Network and Computer Applications</i> , 2019 , 142, 98-110	7.9	10
298	Altalk: a tutorial to implement AI as IoT devices. <i>IET Networks</i> , 2019 , 8, 195-202	2.8	17
297	PlantTalk: A Smartphone-Based Intelligent Hydroponic Plant Box. <i>Sensors</i> , 2019 , 19,	3.8	12
296	SDN Soft Computing Application for Detecting Heavy Hitters. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5690-5699	11.9	2
295	FrameTalk: Human and Picture Frame Interaction Through the IoT Technology. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 3-11	0.2	1
294	FishTalk: An IoT-Based Mini Aquarium System. <i>IEEE Access</i> , 2019 , 7, 35457-35469	3.5	17
293	Coherent quality management for big data systems: a dynamic approach for stochastic time consistency. <i>Annals of Operations Research</i> , 2019 , 277, 3-32	3.2	16
292	FrameTalk: Human and Picture Frame Interaction through the IoT Technology. <i>Mobile Networks and Applications</i> , 2019 , 24, 1475-1485	2.9	6
291	DormTalk: edge computing for the dormitory applications on campus. <i>IET Networks</i> , 2019 , 8, 179-186	2.8	3
290	Enhancing 5G/IoT Transport Security Through Content Permutation. <i>IEEE Access</i> , 2019 , 7, 94293-94299	3.5	4
289	SensorTalk: An IoT Device Failure Detection and Calibration Mechanism for Smart Farming. <i>Sensors</i> , 2019 , 19,	3.8	18
288	AgriTalk: IoT for Precision Soil Farming of Turmeric Cultivation. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5209-5223	10.7	64
287	A Bandwidth-Efficient INT System for Tracking the Rules Matched by the Packets of a Flow 2019 ,		1
286	Performance of Splitting LTE-WLAN Aggregation. <i>Mobile Networks and Applications</i> , 2019 , 24, 1587-1595	5.9	2
285	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1161-1168	6.6	7

284	Flower Sermon: An Interactive Visual Design Using IoTtalk. <i>Mobile Networks and Applications</i> , 2019 , 24, 724-735	2.9	2
283	ArduTalk: An Arduino Network Application Development Platform Based on IoTtalk. <i>IEEE Systems Journal</i> , 2019 , 13, 468-476	4.3	28
282	Mitigate the Obstructing Effect of Vehicles on the Propagation of VANETs Safety-Related Information. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 5558-5569	6.8	4
281	Design and Implementation of LTE RRM With Switched LWA Policies. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 1053-1062	6.8	14
280	CampusTalk: IoT Devices and Their Interesting Features on Campus Applications. <i>IEEE Access</i> , 2018 , 6, 26036-26046	3.5	23
279	Voice/Video Quality Measurement for LTE Services. <i>IEEE Wireless Communications</i> , 2018 , 25, 96-103	13.4	4
278	The SDN Approach for the Aggregation/Disaggregation of Sensor Data. <i>Sensors</i> , 2018 , 18,	3.8	18
277	NB-IoTtalk: A Service Platform for Fast Development of NB-IoT Applications. <i>IEEE Internet of Things Journal</i> , 2018 , 1-1	10.7	26
276	LWA Rate Adaption by Enhanced Event-Triggered Reporting. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10950-10959	6.8	2
275	. <i>IEEE Wireless Communications</i> , 2018 , 25, 4-7	13.4	2
274	MorSocket: An Expandable IoT-Based Smart Socket System. <i>IEEE Access</i> , 2018 , 6, 53123-53132	3.5	10
273	MapTalk: mosaicking physical objects into the cyber world. <i>Cyber-Physical Systems</i> , 2018 , 4, 156-174	1.1	4
272	Detecting P2P Botnet in Software Defined Networks. <i>Security and Communication Networks</i> , 2018 , 2018, 1-13	1.9	12
271	IoTtalk-RC: Sensors As Universal Remote Control for Aftermarket Home Appliances. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1104-1112	10.7	25
270	Deploying WLAN service with OpenFlow technology. <i>International Journal of Network Management</i> , 2017 , 27, e1970	1.8	2
269	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 8347-8356	6.8	8
268	IoTtalk: A Management Platform for Reconfigurable Sensor Devices. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1552-1562	10.7	53
267	Mitigate the obstructing effect of vehicles on the propagation of VANETs safety-related information 2017 ,		2

266	eSES: Enhanced Simple Energy Saving for LTE HeNBs. <i>IEEE Communications Letters</i> , 2017 , 21, 2520-2523	3.8	0
265	SPRCA: Distributed Multisource Information Propagation in Multichannel VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11306-11316	6.8	7
264	Location-based IoT applications on campus: The IoTtalk approach. <i>Pervasive and Mobile Computing</i> , 2017 , 40, 660-673	3.5	11
263	Implementing NFV system with OpenStack 2017 ,		3
262	Performance of LoRa-Based IoT Applications on Campus 2017 ,		29
261	Deployment of the First Commercial LWA Service. <i>IEEE Wireless Communications</i> , 2017 , 24, 6-8	13.4	6
260	Interacting with paintings using IoTtalk 2017 ,		2
259	Transmission Policies for Multi-Segment Short Messages. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 5749-5754	6.8	
258	Modeling Mobile Ticket Dispenser System With Impatient Clerk. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 9931-9941	6.8	1
257	A multi-RAT bandwidth aggregation mechanism with software-defined networking. <i>Journal of Network and Computer Applications</i> , 2016 , 61, 189-198	7.9	6
256	Intelligent Plant Care Hydroponic Box Using IoTtalk 2016 ,		5
255	Mobility management through access network discovery and selection function for load balancing and power saving in software-defined networking environment. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	10
254	A Connection-Driven Mechanism for Energy Saving of Small-Cell Networks 2016 ,		4
253	Prefetching for mobile web album. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 18-28	1.9	5
252	Analyzing the properties of acceptor mode in two-dimensional plasma photonic crystals based on a modified finite-difference frequency-domain method. <i>Physics of Plasmas</i> , 2015 , 22, 052123	2.1	6
251	EasyConnect: A Management System for IoT Devices and Its Applications for Interactive Design and Art. <i>IEEE Internet of Things Journal</i> , 2015 , 2, 551-561	10.7	42
250	Optimal Threshold Policy for In-Home Smart Grid with Renewable Generation Integration. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 1096-1105	3.7	7
249	Mobile Ticket Dispenser System With Waiting Time Prediction. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 3689-3696	6.8	4

248	The frequency of CFVD speed report for highway traffic. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 879-888	1.9	8
247	A dynamic paging scheme for long-term evolution mobility management. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 629-638	1.9	8
246	A study on shared and non-shared billing for mobile service 2015 ,		1
245	A Multi-link Mechanism for Heterogeneous Radio Networks. <i>Wireless Personal Communications</i> , 2014 , 76, 661-674	1.9	2
244	Performance Evaluation of LTE eSRVCC with Limited Access Transfers. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 2402-2411	9.6	3
243	Performance of CS Fallback for Long Term Evolution Mobile Network. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3977-3984	6.8	4
242	Mobile ticket dispenser system with waiting time prediction 2014 ,		2
241	Improving Handover and Drop-off Performance on High-Speed Trains With Multi-RAT. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 15, 2720-2725	6.1	15
240	. <i>Computer</i> , 2014 , 47, 19-21	1.6	12
239	A mobicast routing protocol with carry-and-forward in vehicular ad hoc networks. <i>International Journal of Communication Systems</i> , 2014 , 27, 1416-1440	1.7	18
238	Deriving the distributions for the numbers of short message arrivals. <i>Wireless Communications and Mobile Computing</i> , 2014 , 14, 450-459	1.9	2
237	Network security management with traffic pattern clustering. <i>Soft Computing</i> , 2014 , 18, 1757-1770	3.5	6
236	An IP-based packet test environment for TD-LTE and LTE FDD 2014 , 52, 97-103		1
235	Automatic event-triggered call-forwarding mechanism for mobile phones. <i>Wireless Communications and Mobile Computing</i> , 2013 , 13, 1111-1119	1.9	1
234	Charge scheduling of electric vehicles in highways. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 2873-2882	67	
233	Performance measurements of TD-LTE, WiMax and 3G systems. <i>IEEE Wireless Communications</i> , 2013 , 20, 153-160	13.4	12
232	Mobicast Routing Protocol for Underwater Sensor Networks. <i>IEEE Sensors Journal</i> , 2013 , 13, 737-749	4	93
231	A Seamless Multi-link Switch Solution for LTE and Wi-Fi Integrated Networks 2013 ,		1

230	A Green Time-Bounded Routing Protocol in Solar-Based Vehicular Networks 2013 ,		1
229	Deriving the Vehicle Speeds from a Mobile Telecommunications Network. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013 , 14, 1208-1217	6.1	3
228	Predicting Human Movement Based on Telecom Handoff in Mobile Networks. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 1236-1241	4.6	13
227	A chapter preloading mechanism for e-reader in mobile environment. <i>Information Sciences</i> , 2013 , 230, 56-63	7.7	1
226	Enhancement of omnidirectional photonic band gaps in one-dimensional ternary superconductor-dielectric photonic crystals. <i>Optik</i> , 2013 , 124, 2858-2863	2.5	3
225	Mobility management with the central-based location area policy. <i>Computer Networks</i> , 2013 , 57, 847-857	5.4	8
224	An Investigation on LTE Mobility Management. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 166-176	4.6	52
223	Reducing Signaling Overhead for Femtocell/Macrocell Networks. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 1587-1597	4.6	30
222	Mobile charging information management for smart grid networks. <i>International Journal of Information Management</i> , 2013 , 33, 245-251	16.4	12
221	IMS: The New Generation of Internet-Protocol-Based Multimedia Services. <i>Proceedings of the IEEE</i> , 2013 , 101, 1860-1881	14.3	5
220	A novel fluorescent biosensor for detection of target DNA fragment from the transgene cauliflower mosaic virus 35S promoter. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 168-71	11.8	20
219	Mobility management of unicast services for wireless access in vehicular environments. <i>IEEE Wireless Communications</i> , 2012 , 19, 88-95	13.4	8
218	Mobile Charging Station service in smart grid networks 2012 ,		3
217	NCTU-VT: a freeware for wireless VoIP performance measurement. <i>Wireless Communications and Mobile Computing</i> , 2012 , 12, 318-324	1.9	4
216	Enhanced video phone services for NGN/IMS. <i>Wireless Communications and Mobile Computing</i> , 2012 , 12, 580-587	1.9	2
215	Deriving Vehicle Speeds From Standard Statistics of Mobile Telecom Switches. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 3337-3341	6.8	4
214	Derivation of Cell Residence Times from the Counters of Mobile Telecommunications Switches. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 4048-4051	9.6	4
213	Real-Time VoIP Quality Measurement for Mobile Devices. <i>IEEE Systems Journal</i> , 2011 , 5, 538-544	4.3	8

212	IMS emergency services: a preliminary study. <i>IEEE Wireless Communications</i> , 2011 , 18, 6-14	13.4	3
211	DIR: diagonal-intersection-based routing protocol for vehicular ad hoc networks. <i>Telecommunication Systems</i> , 2011 , 46, 299-316	2.3	47
210	A Handset-Based Solution for Reducing International Roaming Costs. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1627-1635	9.6	1
209	Charge Scheduling of Electric Vehicles in Highways through Mobile Computing 2011 ,		3
208	Performance of Linear-Type Mobile Data Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 2451-2455	9.6	10
207	Implementing Value Added Applications in Next Generation Networks. <i>Future Internet</i> , 2010 , 2, 282-294	3.3	3
206	. <i>IEEE Wireless Communications</i> , 2010 , 17, 71-77	13.4	1
205	Cost Analysis of Short Message Retransmissions. <i>IEEE Transactions on Mobile Computing</i> , 2010 , 9, 215-225	4.6	2
204	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2302-2309	9.6	9
203	A cache scheme for femtocell reselection. <i>IEEE Communications Letters</i> , 2010 , 14, 27-29	3.8	17
202	Digital Right Management and Software Protection on Android Phones 2010 ,		7
201	Location Tracking for WAVE Unicast Service 2010 ,		8
200	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 1867-1873	9.6	8
199	Design and Implementation of an Offloading Technology for 3.5G Networks 2010 ,		2
198	WiMAX Location Update for Vehicle Applications. <i>Mobile Networks and Applications</i> , 2010 , 15, 148-159	2.9	9
197	A Mobicast Routing Protocol in Vehicular Ad-Hoc Networks. <i>Mobile Networks and Applications</i> , 2010 , 15, 20-35	2.9	44
196	Reducing International Call Costs for Roamer to Roamer Calls. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 4131-4134	6.8	1
195	An effective IPv4IPv6 translation mechanism for SIP applications in next generation networks. <i>International Journal of Communication Systems</i> , 2010 , 23, n/a-n/a	1.7	3

194	TOSS: Telecom Operations Support Systems for Broadband Services. <i>Journal of Information Processing Systems</i> , 2010 , 6, 1-20		2
193	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 5837-5843	9.6	8
192	Eliminating tromboning mobile call setup for international roaming users. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 320-325	9.6	9
191	An Effective Power Conservation Scheme for IEEE 802.11 Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 1920-1929	6.8	16
190	A Key Caching Mechanism for Reducing WiMAX Authentication Cost in Handoff. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 4507-4513	6.8	13
189	HVE-mobicast: a hierarchical-variant-egg-based mobicast routing protocol for wireless sensor networks. <i>Telecommunication Systems</i> , 2009 , 41, 121-140	2.3	9
188	A weakly consistent scheme for IMS presence service. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3815-3821	9.6	14
187	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 2716-2725	9.6	6
186	. <i>IEEE Wireless Communications</i> , 2009 , 16, 30-36	13.4	5
185	Active Location Reporting for Emergency Call in UMTS IP Multimedia Subsystem 2009 ,		2
184	Performance of Mobile Telecommunications Network With Overlapping Location Area Configuration. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 1285-1292	6.8	14
183	A File Repair Scheme for UMTS MBMS Service. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 3746-3756	6.8	2
182	IPsec-Based VoIP Performance in WLAN Environments. <i>IEEE Internet Computing</i> , 2008 , 12, 77-82	2.4	4
181	Reducing International Roaming Call Costs with Multiple Mobile Phone Numbers. <i>IEEE Communications Letters</i> , 2008 , 12, 529-531	3.8	2
180	. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 2612-2618	9.6	7
179	Reducing Credit Re-authorization Cost in UMTS Online Charging System. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 3629-3635	9.6	8
178	VE-mobicast: a variant-egg-based mobicast routing protocol for sensor networks. <i>Wireless Networks</i> , 2008 , 14, 199-218	2.5	13
177	SIPv6 analyzer: an analysis tool for 3GPP IMS services. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 245-253	1.9	1

176	NTP-PoCT: a conformance test tool for push-to-talk over cellular network. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 673-686	1.9	3
175	Selecting transition process for WLAN security. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 921-925	1.9	1
174	Charging for Mobile All-IP Telecommunications 2008 ,		8
173	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2007 , 8, 391-399	6.1	6
172	Effects of the EAPOL Timers in IEEE 802.1X Authentication. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 2276-2281	9.6	
171	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 4129-4135	9.6	18
170	A client-side design and implementation for push to talk over cellular service. <i>Wireless Communications and Mobile Computing</i> , 2007 , 7, 539-552	1.9	2
169	Design and implementation of UMTS session management in the user equipment. <i>Wireless Communications and Mobile Computing</i> , 2007 , 7, 755-766	1.9	1
168	Modeling Prepaid Application Server of VoIP and Messaging Services for UMTS. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 1434-1441	6.8	11
167	Special Issue on Next Generation Wireless Technologies. <i>Mobile Networks and Applications</i> , 2007 , 12, 1-3	2.9	0
166	A hexagonal-tree TDMA-based QoS multicasting protocol for wireless mobile ad hoc networks. <i>Telecommunication Systems</i> , 2007 , 35, 1-20	2.3	5
165	Eavesdropping Through Mobile Phone. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3596-3600	6.8	4
164	Broadcast Approach for UMTS Mobility Database Recovery. <i>IEEE Transactions on Mobile Computing</i> , 2007 , 6, 865-871	4.6	
163	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 313-319	9.6	5
162	. <i>IEEE Network</i> , 2007 , 21, 22-28	11.4	14
161	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 4101-4107	9.6	8
160	. <i>IEEE Network</i> , 2007 , 21, 21-26	11.4	6
159	. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 306-316	6.8	17

158	Performance evaluation of a push mechanism for WLAN and mobile network integration. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 380-383	6.8	3
157	Random number generation for excess life of mobile user residence time. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 1045-1050	6.8	10
156	Connection failure detection mechanism of UMTS charging protocol. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 1180-1186	9.6	9
155	. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 2586-2593	9.6	17
154	Enhancing Teredo IPv6 tunneling to traverse the symmetric NAT. <i>IEEE Communications Letters</i> , 2006 , 10, 408-410	3.8	4
153	. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 186-192	9.6	5
152	A mobile service platform using proxy technology. <i>Wireless Communications and Mobile Computing</i> , 2006 , 6, 17-34	1.9	
151	SIP mobility and IPv4/IPv6 dual-stack supports in 3G IP multimedia subsystem. <i>Wireless Communications and Mobile Computing</i> , 2006 , 6, 585-599	1.9	1
150	Repacking on Demand for Hierarchical Cellular Networks. <i>Wireless Networks</i> , 2005 , 11, 719-728	2.5	2
149	NCTU SLT: a socket-layer translator for IPv4-IPv6 translation. <i>IEEE Communications Letters</i> , 2005 , 9, 865-867	3.6	4
148	Effective VoIP call routing in WLAN and cellular integration. <i>IEEE Communications Letters</i> , 2005 , 9, 874-876	3.6	4
147	IP connectivity for gateway GPRS support node. <i>IEEE Wireless Communications</i> , 2005 , 12, 37-46	13.4	12
146	Modeling UMTS discontinuous reception mechanism. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 312-319	9.6	68
145	Per-user checkpointing for mobility database failure restoration. <i>IEEE Transactions on Mobile Computing</i> , 2005 , 4, 189-194	4.6	8
144	A bandwidth-on-demand strategy for GPRS. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 1394-1399	9.6	13
143	Guest Editorial Mobile Computing and Networking. <i>IEEE Journal on Selected Areas in Communications</i> , 2005 , 23, 1129-1132	14.2	
142	One-pass GPRS and IMS authentication procedure for UMTS. <i>IEEE Journal on Selected Areas in Communications</i> , 2005 , 23, 1233-1239	14.2	35
141	An IPv4-IPv6 translation mechanism for SIP overlay network in UMTS all-IP environment. <i>IEEE Journal on Selected Areas in Communications</i> , 2005 , 23, 2152-2160	14.2	10

140	Repacking on demand for speed-sensitive channel assignment. <i>Computer Networks</i> , 2005 , 47, 129-146	5.4	2
139	Modeling of ad-hoc and infrastructure dual mode mobile networks. <i>International Journal of Automation and Computing</i> , 2005 , 2, 75-84	3.5	
138	Impact of mobility on mobile telecommunications networks. <i>Wireless Communications and Mobile Computing</i> , 2005 , 5, 713-732	1.9	8
137	NCTUns network simulation and emulation for wireless resource management. <i>Wireless Communications and Mobile Computing</i> , 2005 , 5, 899-916	1.9	19
136	Modeling channel assignment of small-scale cellular networks. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 646-652	9.6	2
135	Performance Analysis of the Distributed Location Management Scheme in Large Mobile Networks. <i>Journal of Information Processing Systems</i> , 2005 , 1, 55-61		2
134	A statistic approach for deriving the short message transmission delay distributions. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 2345-2352	9.6	3
133	WGSN: WLAN-based GPRS Support Node with Push Mechanism. <i>Computer Journal</i> , 2004 , 47, 405-417	1.3	17
132	Hierarchical implicit deregistration with forced registrations in 3G wireless networks. <i>IEEE Transactions on Vehicular Technology</i> , 2004 , 53, 271-278	6.8	4
131	TTL Prediction Schemes and the Effects of Inter-Update Time Distribution on Wireless Data Access. <i>Wireless Networks</i> , 2004 , 10, 607-619	2.5	6
130	GPRS-based WLAN authentication and auto-configuration. <i>Computer Communications</i> , 2004 , 27, 739-742	5.1	6
129	Repacking on demand for two-tier wireless local loop. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 745-757	9.6	4
128	Overflow control for UMTS high-speed downlink packet access. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 524-532	9.6	7
127	Serving radio network controller relocation for UMTS all-IP network. <i>IEEE Journal on Selected Areas in Communications</i> , 2004 , 22, 617-629	14.2	15
126	vGPRS: A Mechanism for Voice over GPRS. <i>Wireless Networks</i> , 2003 , 9, 157-164	2.5	3
125	. <i>IEEE Transactions on Vehicular Technology</i> , 2003 , 52, 132-141	6.8	11
124	. <i>IEEE Transactions on Vehicular Technology</i> , 2003 , 52, 1603-1615	6.8	30
123	iMail: a WAP mail retrieving system. <i>Information Sciences</i> , 2003 , 151, 71-91	7.7	5

122	A push mechanism for GPRS supporting private IP addresses. <i>IEEE Communications Letters</i> , 2003 , 7, 24-26	8	2
121	Mobile number portability. <i>IEEE Network</i> , 2003 , 17, 8-16	11.4	5
120	Reducing authentication signaling traffic in third-generation mobile network. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 493-501	9.6	55
119	A mobility management strategy for GPRS. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 1178-1188	9.188	22
118	Effects of cache mechanism on wireless data access. <i>IEEE Transactions on Wireless Communications</i> , 2003 , 2, 1247-1258	9.6	39
117	A Mobility Management Strategy for UMTS. <i>Lecture Notes in Computer Science</i> , 2003 , 316-325	0.9	1
116	Performance of service-node-based mobile prepaid service. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 597-612	6.8	8
115	Dynamic periodic location area update in mobile networks. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 1494-1501	6.8	25
114	A software architecture for GPRS session management. <i>Wireless Communications and Mobile Computing</i> , 2002 , 2, 151-167	1.9	1
113	. <i>IEEE Transactions on Mobile Computing</i> , 2002 , 1, 123-131	4.6	11
112	. <i>IEEE Transactions on Wireless Communications</i> , 2002 , 1, 521-530	9.6	9
111	An all-IP approach for UMTS third-generation mobile networks. <i>IEEE Network</i> , 2002 , 16, 8-19	11.4	25
110	. <i>IEEE Transactions on Computers</i> , 2002 , 51, 775-786	2.5	1
109	Implementing automatic location update for follow-me database using VoIP and bluetooth technologies. <i>IEEE Transactions on Computers</i> , 2002 , 51, 1154-1168	2.5	3
108	Performance of hot billing mobile prepaid service. <i>Computer Networks</i> , 2001 , 36, 269-290	5.4	7
107	GSM-IP: A VoIP service for mobile networks. <i>Wireless Communications and Mobile Computing</i> , 2001 , 1, 283-298	1.9	
106	Mobility management: from GPRS to UMTS. <i>Wireless Communications and Mobile Computing</i> , 2001 , 1, 339-359	1.9	28
105	General Packet Radio Service (GPRS): architecture, interfaces, and deployment. <i>Wireless Communications and Mobile Computing</i> , 2001 , 1, 77-92	1.9	12

104	Performance of CDPD with Timed Hop and Forced Hop. <i>Wireless Networks</i> , 2001 , 7, 33-42	2.5	
103	Implicit Deregistration with Forced Registration for PCS Mobility Management. <i>Wireless Networks</i> , 2001 , 7, 99-104	2.5	5
102	Channel allocation for GPRS. <i>IEEE Transactions on Vehicular Technology</i> , 2001 , 50, 375-387	6.8	55
101	Eliminating overflow for large-scale mobility databases in cellular telephone networks. <i>IEEE Transactions on Computers</i> , 2001 , 50, 356-370	2.5	6
100	. <i>IEEE Journal on Selected Areas in Communications</i> , 2001 , 19, 1138-1146	14.2	6
99	. <i>IEEE Journal on Selected Areas in Communications</i> , 2001 , 19, 1953-1961	14.2	5
98	A multicast mechanism for mobile networks. <i>IEEE Communications Letters</i> , 2001 , 5, 450-452	3.8	14
97	iSMS: an integration platform for short message service and IP networks. <i>IEEE Network</i> , 2001 , 15, 48-55	11.4	18
96	PBX based mobility manager for wireless local loop. <i>International Journal of Communication Systems</i> , 2000 , 13, 303-316	1.7	
95	Performance analysis for voice/data integration on a finite-buffer mobile system. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 367-378	6.8	60
94	Overflow control for cellular mobility database. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 520-530	6.8	6
93	Comparing soft and hard handoffs. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 792-798	6.8	27
92	Portable movement modeling for PCS networks. <i>IEEE Transactions on Vehicular Technology</i> , 2000 , 49, 1356-1363	6.8	71
91	iGSM: VoIP service for mobile networks 2000 , 38, 62-69		6
90	Mobile prepaid phone services. <i>IEEE Personal Communications</i> , 2000 , 7, 6-14		15
89	Design and implementation of an OA&M system for WLL network. <i>Journal of Communications and Networks</i> , 2000 , 2, 266-276	4.1	1
88	Performance analysis for dual band PCS networks. <i>IEEE Transactions on Computers</i> , 2000 , 49, 148-159	2.5	32
87	Modeling mis-routing calls due to user mobility in wireless VoIP. <i>IEEE Communications Letters</i> , 2000 , 4, 394-397	3.8	2

86	A new random walk model for PCS networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 1254-1260	14.2	134
85	Performance of a weakly consistent wireless web access mechanism. <i>Performance Evaluation Review</i> , 2000 , 28, 12-20	0.4	2
84	Equal resource sharing scheduling for PCS data services. <i>Wireless Networks</i> , 1999 , 5, 41-55	2.5	16
83	Billing strategies and performance analysis for PCS networks. <i>IEEE Transactions on Vehicular Technology</i> , 1999 , 48, 638-651	6.8	3
82	Effects of Erlang call holding times on PCS call completion. <i>IEEE Transactions on Vehicular Technology</i> , 1999 , 48, 815-823	6.8	14
81	Number portability for telecommunication networks. <i>IEEE Network</i> , 1999 , 13, 56-62	11.4	2
80	Analysis and modeling of dual-band GSM networks. <i>Journal of Communications and Networks</i> , 1999 , 1, 158-165	4.1	1
79	Modeling the sleep mode for cellular digital packet data. <i>IEEE Communications Letters</i> , 1999 , 3, 63-65	3.8	28
78	Improving GSM call completion by call reestablishment. <i>IEEE Journal on Selected Areas in Communications</i> , 1999 , 17, 1305-1317	14.2	6
77	Resource Planning for Wireless PBX Systems. <i>International Journal of Wireless Information Networks</i> , 1998 , 5, 351-357	1.9	3
76	On optimizing the location update costs in the presence of database failures. <i>Wireless Networks</i> , 1998 , 4, 419-426	2.5	17
75	Deregistration strategies for PCS networks. <i>IEEE Transactions on Vehicular Technology</i> , 1998 , 47, 49-57	6.8	5
74	Location tracking with distributed HLRs and pointer forwarding. <i>IEEE Transactions on Vehicular Technology</i> , 1998 , 47, 58-64	6.8	27
73	Wireless local loop: architecture, technologies and services. <i>IEEE Personal Communications</i> , 1998 , 5, 74-80		12
72	The wireless segment of enterprise networking. <i>IEEE Network</i> , 1998 , 12, 50-55	11.4	1
71	Trading CDPD availability and voice blocking probability in cellular networks. <i>IEEE Network</i> , 1998 , 12, 48-52	11.4	5
70	Channel occupancy times and handoff rate for mobile computing and PCS networks. <i>IEEE Transactions on Computers</i> , 1998 , 47, 679-692	2.5	158
69	Mobility management for wireless systems with unreliable backhaul links. <i>IEEE Communications Letters</i> , 1998 , 2, 122-124	3.8	0

68	Improving the fault tolerance of GSM networks. <i>IEEE Network</i> , 1998 , 12, 58-63	11.4	15
67	Performance modeling of location tracking systems. <i>Mobile Computing and Communications Review</i> , 1998 , 2, 24-27		11
66	. <i>IEEE Potentials</i> , 1997 , 16, 8-10	1	1
65	Performance modeling for mobile telephone networks. <i>IEEE Network</i> , 1997 , 11, 63-68	11.4	43
64	Cellular digital packet data. <i>IEEE Potentials</i> , 1997 , 16, 11-13	1	2
63	GSM network signaling. <i>Mobile Computing and Communications Review</i> , 1997 , 1, 11-16		5
62	Calling for control. <i>IEEE Potentials</i> , 1997 , 16, 31-32	1	
61	OA&M for the GSM network. <i>IEEE Network</i> , 1997 , 11, 46-51	11.4	3
60	Modeling PCS networks under general call holding time and cell residence time distributions. <i>IEEE/ACM Transactions on Networking</i> , 1997 , 5, 893-906	3.8	77
59	Paging systems: network architectures and interfaces. <i>IEEE Network</i> , 1997 , 11, 56-61	11.4	10
58	Reducing the network cost of call delivery to GSM roamers. <i>IEEE Network</i> , 1997 , 11, 19-25	11.4	10
57	Reducing location update cost in a PCS network. <i>IEEE/ACM Transactions on Networking</i> , 1997 , 5, 25-33	3.8	182
56	Impact of PCS handoff response time. <i>IEEE Communications Letters</i> , 1997 , 1, 160-162	3.8	7
55	Call performance for a PCS network. <i>IEEE Journal on Selected Areas in Communications</i> , 1997 , 15, 1568-1581	11.2	72
54	Mobile Computing: When Mobility Meets Computation. <i>IEEE Transactions on Computers</i> , 1997 , 46, 257-259	5	6
53	Modeling techniques for large-scale PCS networks 1997 , 35, 102-107		33
52	PACS network signaling using AIN/ISDN. <i>IEEE Personal Communications</i> , 1997 , 4, 24-32		1
51	Handover arrangement for a PCS network. <i>IEEE Personal Communications</i> , 1997 , 4, 18-24		23

50	Adaptive algorithms for reducing PCS network authentication traffic. <i>IEEE Transactions on Vehicular Technology</i> , 1997 , 46, 588-596	6.8	5
49	A Model with Generalized Holding and Cell Residence Times for Evaluating Handoff Rates and Channel Occupancy Times in PCS Networks. <i>International Journal of Wireless Information Networks</i> , 1997 , 4, 163-171	1.9	4
48	GSM Point-to-Point Short Message Service. <i>International Journal of Wireless Information Networks</i> , 1997 , 4, 249-256	1.9	3
47	A data request scheduling policy for PCS networks. <i>Mobile Networks and Applications</i> , 1997 , 2, 141-148	2.9	
46	A graphical user interface design for network simulation. <i>Journal of Systems and Software</i> , 1997 , 36, 181-190	3.9	1
45	Polling deregistration for unlicensed PCS. <i>IEEE Journal on Selected Areas in Communications</i> , 1996 , 14, 728-734	14.2	10
44	Signaling System Number 7. <i>IEEE Potentials</i> , 1996 , 15, 5-8	1	3
43	Movement-based location update and selective paging for PCS networks. <i>IEEE/ACM Transactions on Networking</i> , 1996 , 4, 629-638	3.8	367
42	Asynchronous parallel discrete event simulation. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 1996 , 26, 397-412		16
41	PACS: Personal Access Communications System-a tutorial. <i>IEEE Personal Communications</i> , 1996 , 3, 32-43		41
40	A comparison study of the two-tier and the single-tier personal communications services systems. <i>Mobile Networks and Applications</i> , 1996 , 1, 29-38	2.9	8
39	A cache approach for supporting life-time UPT number. <i>Wireless Networks</i> , 1996 , 2, 155-160	2.5	8
38	Performance modeling of multitier PCS system. <i>International Journal of Wireless Information Networks</i> , 1996 , 3, 67-78	1.9	7
37	Self-subrating for voice/data in PCS. <i>Telecommunication Systems</i> , 1996 , 5, 421-429	2.3	1
36	Modeling of anchor radio system handoff. <i>International Journal of Wireless Information Networks</i> , 1996 , 3, 139-145	1.9	
35	Mobility management for cellular telephony networks. <i>IEEE Parallel and Distributed Technology</i> , 1996 , 4, 65-73		17
34	Comparing the PCS location tracking strategies. <i>IEEE Transactions on Vehicular Technology</i> , 1996 , 45, 114-121	6.8	13
33	The sub-rating channel assignment strategy for PCS hand-offs. <i>IEEE Transactions on Vehicular Technology</i> , 1996 , 45, 122-130	6.8	82

32	IMPACT OF BUSY LINES AND MOBILITY ON CALL BLOCKING IN A PCS NETWORK. <i>International Journal of Communication Systems</i> , 1996 , 9, 35-45	1.7	7
31	Failure restoration of mobility databases for personal communication networks. <i>Wireless Networks</i> , 1995 , 1, 365-372	2.5	33
30	An auxiliary user location strategy employing forwarding pointers to reduce network impacts of PCS. <i>Wireless Networks</i> , 1995 , 1, 197-210	2.5	122
29	A flexible graphical user interface for performance modeling. <i>Software - Practice and Experience</i> , 1995 , 25, 193-216	2.5	4
28	. <i>IEEE Personal Communications</i> , 1995 , 2, 44-55		21
27	A case study in simulating PCS networks using Time Warp. <i>ACM SIGSIM Simulation Digest</i> , 1995 , 25, 87-94		3
26	Allocating resources for soft requests— performance study. <i>Information Sciences</i> , 1995 , 84, 39-65	7.7	5
25	Eliminating the boundary effect of a large-scale personal communication service network simulation. <i>ACM Transactions on Modeling and Computer Simulation</i> , 1994 , 4, 165-190	0.6	52
24	Determining the global progress of parallel simulation with FIFO communication property. <i>Information Processing Letters</i> , 1994 , 50, 13-17	0.8	9
23	. <i>IEEE Transactions on Vehicular Technology</i> , 1994 , 43, 1006-1010	6.8	19
22	. <i>IEEE Journal on Selected Areas in Communications</i> , 1994 , 12, 1434-1444	14.2	166
21	Analyzing the trade off between implementation costs and performance: PCS Channel Assignment Strategies for Hand-off and Initial Access. <i>IEEE Personal Communications</i> , 1994 , 1, 47		28
20	. <i>IEEE Transactions on Vehicular Technology</i> , 1994 , 43, 704-712	6.8	226
19	. <i>IEEE Transactions on Vehicular Technology</i> , 1994 , 43, 466-473	6.8	54
18	Commentary—Will Parallel Simulation Research Survive?. <i>ORSA Journal on Computing</i> , 1993 , 5, 236-238		9
17	On Terminating a Distributed Discrete Event Simulation. <i>Journal of Parallel and Distributed Computing</i> , 1993 , 19, 364-371	4.4	3
16	Parallel trace-driven simulation for packet loss in finite-buffered voice multiplexers. <i>Parallel Computing</i> , 1993 , 19, 219-228	1	11
15	Parallel trace-driven simulation of packet-switched multiplexer under priority scheduling policy. <i>Information Processing Letters</i> , 1993 , 47, 197-201	0.8	3

14	A study of time warp rollback mechanisms. <i>ACM Transactions on Modeling and Computer Simulation</i> , 1991 , 1, 51-72	0.6	44
13	A time-division algorithm for parallel simulation. <i>ACM Transactions on Modeling and Computer Simulation</i> , 1991 , 1, 73-83	0.6	44
12	. <i>IEEE Transactions on Software Engineering</i> , 1989 , 15, 622-631	3.5	7
11	Call completion probability for a PCS network		2
10	Prepaid mechanism of VoIP and messaging services		1
9	Tunneling IPv6 through NAT with Teredo mechanism		6
8	Implicit deregistration in 3G cellular networks		2
7	Random number generation for residual life of mobile phone movement		1
6	A general formula for handoff rate in PCS networks		2
5	Demand re-registration for PCS database restoration		2
4			1
3	A forwarding strategy to reduce network impacts of PCS		22
2	PBX based Mobility Manager for WLL247-260		0
1	Reporting Mechanisms for Internet of Things. <i>Mobile Networks and Applications</i> ,1	2.9	0