

Dr. Peter Han Joo Chong

Professor and Department Head of EEE, Auckland University of Technology Wireless communications and networks

	All	Since 2013
Citations	2547	1406
h-index	21	17
i10-index	43	27

TITLE	CITED BY	YEAR
A survey of clustering schemes for mobile ad hoc networks JY Yu, PHJ Chong IEEE Communications Surveys and Tutorials 7 (1), 32-48	972	2005
Multihop cellular networks: Technology and economics XJ Li, BC Seet, PHJ Chong Computer Networks 52 (9), 1825-1837	123	2008
3hbac (3-hop between adjacent clusterheads): a novel non-overlapping clustering algorithm for mobile ad hoc networks JY Yu, PHJ Chong Communications, Computers and signal Processing, 2003. PACRIM. 2003 IEEE	114	2003
Modeling and performance analysis of clustered device-to-device network M Afshang, HS Dhillon, PHJ Chong IEEE Transactions on Wireless Communications 15 (7), 4957-4972	s 80	2016
Design and implementation of Bluetooth energy meter BS Koay, SS Cheah, YH Sng, PHJ Chong, P Shum, YC Tong, XY Wang, Information, Communications and Signal Processing, 2003 and Fourth Pacific	78	2003
An efficient clustering scheme for large and dense mobile ad hoc networks (MANETs) JY Yu, PHJ Chong Computer Communications 30 (1), 5-16	s 68	2006
Solutions for the "silent node" problem in an automatic meter reading system using power-line communications Q Gao, JY Yu, PHJ Chong, PL So, E Gunawan IEEE Transactions on Power delivery 23 (1), 150-156	51	2008
Technologies in Multihop Cellular Networks [Guest Editorial] PJ Chong, F Adachi, S Hamalainen, V Leung IEEE Communications magazine 45 (9), 64-65	51	2007
Performance comparison of flat and cluster-based hierarchical ad hoc routing with entity and group mobility M Zhang, PHJ Chong Wireless Communications and Networking Conference, 2009. WCNC 2009. IEEE, 1-6	50	2009
Fundamentals of cluster-centric content placement in cache-enabled device-to-device networks M Afshang, HS Dhillon, PHJ Chong IEEE Transactions on Communications 64 (6), 2511-2526	47	2016
Design and implementation of user interface for mobile devices PHJ Chong, PL So, P Shum, XJ Li, D Goyal IEEE Transactions on Consumer Electronics 50 (4), 1156-1161	41	2004

TITLE	CITED BY	YEAR
Poisson hole process: Theory and applications to wireless networks Z Yazdanshenasan, HS Dhillon, M Afshang, PHJ Chong arXiv preprint arXiv:1601.01090	40	2016
Analysis of the adaptive modulation and coding algorithm with the multicode transmission R Kwan, P Chong, M Rinne Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IEEE	40	2002
Dynamic channel assignment with flexible reuse partitioning in cellular systems SL Chen, PHJ Chong, M Yang Wireless Personal Communications 42 (2), 161-183	31	2007
Broadband Wide-Angle Multifunctional Polarization Converter via Liquid-Metal-Based Metasurface PC Wu, W Zhu, ZX Shen, PHJ Chong, W Ser, DP Tsai, AQ Liu Advanced Optical Materials 5 (7), 1600938	28	2017
Performance of efficient CBRP in mobile ad hoc networks (MANETS) YY Jane, PHJ Chong, M Zhang Vehicular technology conference, 2008. VTC 2008-Fall. IEEE 68th, 1-7	28	2008
Efficient data dissemination in cooperative multi-RSU vehicular ad hoc networks (VANETs) GGMN Ali, PHJ Chong, SK Samantha, E Chan Journal of Systems and Software 117, 508-527	23	2016
A network-based dynamic channel assignment scheme for TDMA cellular systems PHJ Chong, C Leung International Journal of Wireless Information Networks 8 (3), 155-165	23	2001
Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics B Gu, W Wu, G Xu, G Feng, F Yin, PHJ Chong, J Qu, KT Yong, B Liu Advanced Materials 29 (28), 1701076	22	2017
The effect of code-multiplexing on the high speed downlink packet access (HSDPA) in a WCDMA network R Kwan, PHJ Chong, E Poutiainen, M Rinne Wireless Communications and Networking, 2003. WCNC 2003. 2003 IEEE 3, 1728-1732		2003