Jin Seek Choi

List of Publications by Year
in descending order

52 papers	**214** citations	1163117 **8** h-index	1199594 **12** g-index
53 all docs	**53** docs citations	**53** times ranked	**156** citing authors

#	Article	IF	Citations
1	A Hierarchical Distributed Energy Management Agent Framework for Smart Homes, Grids, and Cities. IEEE Communications Magazine, 2019, 57, 113-119.	6.1	34
2	Power and cost reduction by hybrid optical packet switching with shared memory buffering. , 2011, 49, 102-110.		15
3	Hierarchical Distributed Topology Discovery Protocol for Multi-Domain SDN Networks. IEEE Communications Letters, 2017, 21, 773-776.	4.1	14
4	A new distributed location management algorithm for broadband personal communication networks. IEEE Transactions on Vehicular Technology, 1995, 44, 516-524.	6.3	13
5	Design and Implementation of a Stateful PCE-Based Unified Control and Management Framework for Carrier-Grade MPLS-TP Networks. Journal of Lightwave Technology, 2016, 34, 836-844.	4.6	12
6	A dynamic wavelength allocation scheme with status information for fixed- and variable-length messages. , 0, , .		10
7	Design and performance analysis of hierarchical location management strategies for wireless mobile communication systems. Computer Communications, 2000, 23, 550-560.	5.1	10
8	LMA initiated route optimization protocol for improving PMIP handover performance. IEEE Communications Letters, 2009, 13, 871-873.	4.1	10
9	Design and implementation of a PCE-based software-defined provisioning framework for carrier-grade MPLS-TP networks. Photonic Network Communications, 2015, 29, 96-105.	2.7	10
10	A Queueing Network Analysis of a Hierarchical Communication Architecture for Advanced Metering Infrastructure. IEEE Transactions on Smart Grid, 2021, 12, 4318-4326.	9.0	9
11	Hierarchical Distributed Orchestration Framework for Multi-Domain SDTNs. Journal of Optical Communications and Networking, 2017, 9, 1125.	4.8	8
12	Design and evaluation of a PCEP-based topology discovery protocol for stateful PCE. Optical Switching and Networking, 2017, 26, 39-47.	2.0	6
13	Design of cascade ring multicast switch. Electronics Letters, 1992, 28, 1330.	1.0	5
14	Title is missing!. Photonic Network Communications, 2003, 6, 69-81.	2.7	5
15	Radio resource management based on IEEE 802.21 Media Independent Service Framework. , 2015, , .		5
16	Energy Management Agent Frameworks: Scalable, Flexible, and Efficient Architectures for 5G Vertical Industries. IEEE Industrial Electronics Magazine, 2021, 15, 62-73.	2.6	5
17	An Efficient Paging Strategy Based on Paging Agents of Base Stations in Cellular Mobile Networks. ETRI Journal, 2003, 25, 55-58.	2.0	5
18	Performance comparison of nonpreemptive and preemptive priority queueing strategies in ATM packet switch with input buffers. Performance Evaluation, 1997, 29, 177-194.	1.2	4

#	Article	IF	Citations
19	Controller-Centric Combinatorial Wrap-Around Interaction Testing to Evaluate a Stateful PCE-Based Transport Network Architecture. Journal of Optical Communications and Networking, 2017, 9, 792.	4.8	4
20	An experimental implementation of MPLS-TP controlled Ethernet transport network for mobile backhaul. , 2010, , .		3
21	Performance study of an input and output queueing ATM switch with a window scheme and a speed constraint. Telecommunication Systems, 1996, 6, 289-300.	2.5	2
22	A nonblocking ATM switch with a single plane or multiple planes combined with a window scheme. , 0, , .		2
23	Dynamic scope location tracking algorithm for mobile PNNI scheme in wireless ATM networks. Electronics Letters, 1998, 34, 1643.	1.0	2
24	Design and implementation of building energy management system with quality of experience power scheduling model to prevent the blackout in smart grid network. , 2014, , .		2
25	A Stateful PCE-Based Carrier-Grade Transport Network: Design, Implementation, Evaluation, and Experiences. Journal of Optical Communications and Networking, 2016, 8, 701.	4.8	2
26	Media independent service for software-defined radio access networks. , 2017, , .		2
27	Performance Analysis of a Hierarchical Inter-Domain Provisioning Framework for Multi-Domain Software-Defined Optical Transport Networks. Journal of Lightwave Technology, 2019, 37, 3834-3843.	4.6	2
28	Offset-Time Based Scheduling Algorithm for Burst Control Packet in Optical Burst Switching Networks. Lecture Notes in Computer Science, 2004, , 827-834.	1.3	2
29	Round-Robin Scheduling Algorithm with Multiple Distributed Windows. Lecture Notes in Computer Science, 2002, , 814-819.	1.3	2
30	Growable output queueing switch with shared knockout buses. , 0, , .		1
31	Performance study of an input queueing ATM switch with windowing scheme for IP switching system. , 0, , .		1
32	Design and Performance Analysis of a Contention-Based Reservation Protocol for a Local Area Optical Internet. ETRI Journal, 2002, 24, 142-152.	2.0	1
33	A feasible dynamic lightpath setup solution for sparse-conversion-capacity WDM-routed networks based on 2-bit coded lambda state. , 0, , .		1
34	Absolute Differentiated Services for Optical Burst Switching Networks Using Dynamic Wavelength Assignment. Lecture Notes in Computer Science, 2004, , 855-866.	1.3	1
35	Node dimensioning in optical burst switching networks. Photonic Network Communications, 2007, 13, 207-216.	2.7	1
36	Performance of a Source-Based Interdomain Provisioning Solution for Multidomain SDOTN. Journal of Lightwave Technology, 2019, 37, 1150-1159.	4.6	1

#	ARTICLE	IF	CITATIONS
37	Special issue on smart cities and its applications. ETRI Journal, 2022, 44, 179-182.	2.0	1
38	Performance analysis of an input queueing ATM switch with two priority classes. Performance Evaluation, 1998, 32, 137-149.	1.2	0
39	A bandwidth guaranteed multi-access protocol for WDM local networks. , 0, , .		0
40	Terminal register-based paging strategy for cellular mobile networks. , 0, , .		0
41	A novel routing protocol for personal area network mobility (PANEMO) environment. , 0, , .		0
42	QoS Guaranteed Optimal Offset-Time Decision Algorithm for Prioritized Multi-classes in Optical Burst Switching Networks. Lecture Notes in Computer Science, 2004, , 788-800.	1.3	0
43	Complexity analysis of a dual round-robin iSLIP (DiSLIP) scheduling scheme. , 2006, , .		0
44	Paging Strategy with Dynamic Wake-Up Period in Cellular Communication Systems. , 2006, , .		0
45	Signaling and Control Requirements of Network Attachment Control Function for NGN. , 2006, , .		0
46	Link dimensioning in burst switching-based optical networks. , 2006, , .		0
47	Optimal offset-time decision for QoS in optical burst switching networks. Journal of Communications and Networks, 2007, 9, 312-318.	2.6	0
48	A dynamic hop count shifting RWA algorithm for wavelength routed optical networks. Photonic Network Communications, 2008, 16, 1-9.	2.7	0
49	A PCE-based provisioning controller for software-defined transport networks. , 2014, , .		0
50	Protocols and use cases for media independent management in SDN-based wireless access networks. , 2018, , .		0
51	Protocols and use cases for media independent management in SDN-based wireless access networks. , 2018, , .		0
52	Design and Analysis of a Virtual Output Queueing Based Windowing Scheduling Scheme for IP Switching System. Lecture Notes in Computer Science, 2004, , 268-279.	1.3	0