Seok-Joo Koh

List of Publications by Year
in descending order

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93	720	949033 11	799663 21
papers	citations	h-index	g-index

95	95	95	560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	6LoWPAN Over Optical Wireless Communications for IPv6 Transport in Internet of Things Networks. IEEE Wireless Communications Letters, 2022, 11, 1142-1145.	3.2	5
2	Image Forensics Using Non-Reducing Convolutional Neural Network for Consecutive Dual Operators. Applied Sciences (Switzerland), 2022, 12, 7152.	1.3	3
3	Digital Certificate Verification Scheme for Smart Grid using Fog Computing (FONICA). Sustainability, 2021, 13, 2549.	1.6	7
4	Proxy-Based Adaptive Transmission of MP-QUIC in Internet-of-Things Environment. Electronics (Switzerland), 2021, 10, 2175.	1.8	3
5	AEDCN-Net: Accurate and Efficient Deep Convolutional Neural Network Model for Medical Image Segmentation. IEEE Access, 2021, 9, 154194-154203.	2.6	9
6	CoAP-Based Streaming Control for IoT Applications. Electronics (Switzerland), 2020, 9, 1320.	1.8	7
7	Framework of IoT Services over Unidirectional Visible Lights Communication Networks. Electronics (Switzerland), 2020, 9, 1349.	1.8	8
8	Agent-Based In-Vehicle Infotainment Services in Internet-of-Things Environments. Electronics (Switzerland), 2020, 9, 1288.	1.8	2
9	Partial Bicasting with Buffering for Proxy Mobile IPV6 Mobility Management in CoAP-Based IoT Networks. Electronics (Switzerland), 2020, 9, 598.	1.8	10
10	Distributed Identifier-Locator Mapping Management in Mobile ILNP Networks. Electronics (Switzerland), 2020, 9, 58.	1.8	1
11	Mobile Oriented Future Internet (MOFI): Architectural Designs and Experimentations. Electronics (Switzerland), 2020, 9, 682.	1.8	1
12	In-Vehicle Infotainment Management System in Internet-of-Things Networks. , 2019, , .		6
13	Mobility Management for Healthcare Services in CoAP-Based IoT Networks. , 2019, , .		3
14	Mobile-Oriented Future Internet: Implementation and Experimentations over EUâ€“Korea Testbed. Electronics (Switzerland), 2019, 8, 338.	1.8	3
15	IoT-Based Resource Control for In-Vehicle Infotainment Services: Design and Experimentation. Sensors, 2019, 19, 620.	2.1	5
16	Enhanced cluster-based CoAP in Internet-of-Things networks. , 2018, , .		3
17	Distributed pub/sub model in CoAP-based Internet-of-Things networks. , 2018, , .		4
18	Cluster-Based Device Mobility Management in Named Data Networking for Vehicular Networks. Mobile Information Systems, 2018, 2018, 1-7.	0.4	8

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19	Device Management and Data Transport in IoT Networks Based on Visible Light Communication. Sensors, 2018, 18, 2741.	2.1	11
20	Enhanced group communication in constrained application protocolâ€“based Internet-of-things networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877279.	1.3	2
21	Domainâ€based distributed identifierâ€locator mapping management in Internetâ€ofâ€Things networks. International Journal of Network Management, 2018, 28, e2035.	1.4	2
22	CoAP-based group mobility management protocol for the Internet-of-Things in WBAN environment. Future Generation Computer Systems, 2018, 88, 309-318.	4.9	11
23	A hashâ€based distributed mapping control scheme in mobile locatorâ€identifier separation protocol networks. International Journal of Network Management, 2017, 27, e1961.	1.4	3
24	Domain-based identifier-locator mapping management for distributed mobility control. , 2017, , .		4
25	Reliable transmission of visible light communication data in lighting control networks. IET Networks, 2017, 6, 62-68.	1.1	0
26	Cluster-based CoAP for message queueing in Intemet-of-Things networks. , 2017, , .		5
27	IDMP-VLC: IoT device management protocol in visible light communication networks. , 2017, , .		8
28	Use of Proxy Mobile IPv6 for Mobility Management in CoAP-Based Internet-of-Things Networks. IEEE Communications Letters, 2016, 20, 2284-2287.	2.5	20
29	ISO/IEEE 11073-Based Healthcare Services over IoT Platform Using 6LoWPAN and BLE: Architecture and Experimentation. , 2016, , .		21
30	TRILL-Based Mobile Packet Core Network for 5G Mobile Communication Systems. Wireless Personal Communications, 2016, 87, 125-144.	1.8	4
31	Implementation of CoAP/6LoWPAN over BLE Networks for IoT Services. Journal of Broadcast Engineering, 2016, 21, 298-306.	0.1	4
32	Mobility-Aware TAC Configuration in LTE-Based Mobile Communication Systems. Lecture Notes in Electrical Engineering, 2016, , 295-301.	0.3	0
33	An ID/Locator Separation Based Group Mobility Management in Wireless Body Area Network. Journal of Sensors, 2015, 2015, 1-12.	0.6	3
34	Mobility support for Proxy Mobile IPv6 in TRILL-based mobile networks. , 2015, , .		0
35	Distributed Mobility Management in 6LoWPAN-Based Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-12.	1.3	7
36	RB-core: Routing bridge-based 5G mobile core network. , 2014, , .		1

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37	Distributed mapping management of identifiers and locators in mobileâ€oriented Internet environment. International Journal of Communication Systems, 2014, 27, 95-115.	1.6	6
38	A distributed mobility control scheme in LISP networks. Wireless Networks, 2014, 20, 245-259.	2.0	7
39	Optimization of TAC configuration in mobile communication systems: A tabu search approach. , 2014, , .		6
40	A distributed mapping control of identifiers and locators for future mobile Internet. , 2014, , .		2
41	Distributed mobility control schemes in the HIP-based mobile networks. , 2014, , .		1
42	Performance analysis of distributed mapping system in ID/locator separation architectures. Journal of Network and Computer Applications, 2014, 39, 223-232.	5.8	5
43	OpenFlow-Based Implementations of Distributed ID-LOC Mapping System in Mobile Internet. Lecture Notes in Electrical Engineering, 2014, , 67-75.	0.3	0
44	Reliable Transmission for Remote Device Management (RDM) Protocol in Lighting Control Networks. Lecture Notes in Electrical Engineering, 2014, , 51-58.	0.3	3
45	Distributed Mapping Management of Identifiers and Locators in LISP-based Mobile Networks. Wireless Personal Communications, 2013, 72, 565-579.	1.8	4
46	Distributed mobility management in proxy mobile IPv6 using hash function. , 2013, , .		8
47	A seamless handover scheme in LISP networks. , 2013, , .		0
48	A Network-Based Handover Scheme in HIP-Based Mobile Networks. Journal of Information Processing Systems, 2013, 9, 651-659.	1.0	6
49	Mobile Oriented Future Internet (MOFI): Architectural Design and Implementations. ETRI Journal, 2013, 35, 666-676.	1.2	25
50	A New Initialization Mechanism for SCTP Association between Two Multihomed Terminals. , 2012, , .		0
51	DHT-based identifier-locator mapping management for mobile oriented future internet. , 2012, , .		0
52	Network-Based Distributed Mobility Control in Localized Mobile LISP Networks. IEEE Communications Letters, 2012, 16, 104-107.	2.5	23
53	Problem statements and requirements for mobile oriented Future Internet. , 2011, , .		1
54	An Optimal SACK Scheduling Mechanism for Concurrent Multi-Path Transport Schemes. , 2011, , .		0

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55	Distributed mobility control for mobile-oriented Future Internet environments. , 2011, , .		2
56	Fast handover using multicast handover agents in PMIPv6-based wireless networks. , 2011, , .		7
57	Distributed handover control in localized mobile LISP networks. , 2011, , .		3
58	Countermeasures to Impacts of Bandwidth and Receiving Buffer on CMT Schemes. Procedia Engineering, 2011, 15, 3723-3727.	1.2	2
59	Distributed Mobility Control in Proxy Mobile IPv6 Networks. IEICE Transactions on Communications, 2011, E94-B, 2216-2224.	0.4	32
60	Adaptive Congestion Control of mSCTP for Vertical Handover Based on Bandwidth Estimation in Heterogeneous Wireless Networks. Wireless Personal Communications, 2011, 57, 707-725.	1.8	6
61	Extension of Proxy Mobile IPv6 with Bicasting for Support of Multi-homing and Mobility in Wireless Networks. , 2011, , .		1
62	Partial Bicasting with Buffering for Proxy Mobile IPv6 Handover in Wireless Networks. Journal of Information Processing Systems, 2011, 7, 627-634.	1.0	4
63	SIP-Based IM and Its Security Solutions. , 2010, , .		1
64	Fast selective ACK scheme for throughput enhancement of multi-homed SCTP hosts. IEEE Communications Letters, 2010, 14, 587-589.	2.5	8
65	Multicast Handover Agents for Fast Handover in Wireless Multicast Networks. IEEE Communications Letters, 2010, 14, 676-678.	2.5	5
66	A Segment Based SACK Scheme for Wireless TCP. , 2009, , .		2
67	Performance enhancement of mSCTP for vertical handover across heterogeneous wireless networks. International Journal of Communication Systems, 2009, 22, 1573-1591.	1.6	11
68	Partial CRC Checksum of SCTP for Error Control over Wireless Networks. Wireless Personal Communications, 2009, 48, 247-260.	1.8	3
69	mSIP: Extension of SIP for Soft Handover with Bicasting. IEEE Communications Letters, 2008, 12, 532-534.	2.5	10
70	Mobile SCTP with Bicasting for Vertical Handover. , 2008, , .		5
71	On the Packet Reordering of mSCTP for Vertical Handover in Heterogneous Wireless Networks. , 2008, , .		8
72	Adaptive Primary Path Switching for SCTP Handover. International Conference on Advanced Communication Technology, 2008, , .	0.0	8

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73	PMIPv6 with Bicasting for IP Handover. , 2008, , .		7
74	Analysis of Handover Latency for Mobile IPv6 and mSCTP. Journal of Information Processing Systems, 2008, 4, 87-96.	1.0	9
75	Performance of SCTP for IPTV Applications. International Conference on Advanced Communication Technology, 2007, , .	0.0	13
76	Chunk Checksum of SCTP for Throughput Enhancement. IEEE Communications Letters, 2006, 10, 796-798.	2.5	3
77	mSCTP-DAC: Dynamic Address Configuration for mSCTP Handover. Lecture Notes in Computer Science, 2006, , 244-253.	1.0	6
78	Mobility management requirements and framework for systems beyond IMT-2000. Journal of Communications and Networks, 2005, 7, 171-177.	1.8	0
79	Use of SCTP for IP handover support. , 2005, , .		3
80	Analysis of SCTP Handover by Movement Patterns. Lecture Notes in Computer Science, 2005, , 521-529.	1.0	9
81	mSCTP for Soft Handover in Transport Layer. IEEE Communications Letters, 2004, 8, 189-191.	2.5	130
82	Framework of Control Protocol for Relayed Multicast. Lecture Notes in Computer Science, 2003, , 576-581.	1.0	1
83	Enhanced Communications Transport Protocol for Multicast Transport. Lecture Notes in Computer Science, 2002, , 64-74.	1.0	0
84	A Router Assisting Control Tree Configuration Mechanism for Reliable Multicast. Lecture Notes in Computer Science, 2002, , 84-93.	1.0	0
85	A New Delivery Scheme for 1-to-N Multicast Applications. Lecture Notes in Computer Science, 2002, , 109-118.	1.0	0
86	Multicast delivery based on unicast and subnet multicast. IEEE Communications Letters, 2001, 5, 181-183.	2.5	25
87	Assignment of addâ€“drop multiplexer (ADM) rings and digital cross-connect system (DCS) mesh in telecommunication networks. Journal of the Operational Research Society, 2001, 52, 440-448.	2.1	4
88	Configuration of ACK Trees for Multicast Transport Protocols. ETRI Journal, 2001, 23, 111-120.	1.2	14
89	Minimizing Cost and Delay in Shared Multicast Trees. ETRI Journal, 2000, 22, 30-37.	1.2	8
90	Non-core based shared tree architecture for IP multicasting. Electronics Letters, 1999, 35, 872.	0.5	4

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91	A design of the minimum cost ring-chain network with dual-homing survivability: A tabu search approach. Computers and Operations Research, 1997, 24, 883-897.	2.4	30
92	A tabu search for the survivable fiber optic communication network design. Computers and Industrial Engineering, 1995, 28, 689-700.	3.4	37
93	A combined group/tree approach for scalable many-to-many reliable multicast. , 0, , .		2