Haeyoung Lee

List of Publications by Year
in descending order

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21 papers	948 citations	1163117 8 h-index	1372567 10 g-index
21 all docs	21 docs citations	21 times ranked	927 citing authors

#	Article	IF	Citations
1	Machine Learning for 5G/B5G Mobile and Wireless Communications: Potential, Limitations, and Future Directions. IEEE Access, 2019, 7, 137184-137206.	4.2	245
2	Licensed Spectrum Sharing Schemes for Mobile Operators: A Survey and Outlook. IEEE Communications Surveys and Tutorials, 2016, 18, 2591-2623.	39.4	177
3	A Survey of Radio Resource Management for Spectrum Aggregation in LTE-Advanced. IEEE Communications Surveys and Tutorials, 2014, 16, 745-760.	39.4	144
4	6G for Vehicle-to-Everything (V2X) Communications: Enabling Technologies, Challenges, and Opportunities. Proceedings of the IEEE, 2022, 110, 712-734.	21.3	131
5	5G NR-V2X: Toward Connected and Cooperative Autonomous Driving. IEEE Communications Standards Magazine, 2021, 5, 48-54.	4.9	97
6	A Survey on Resource Allocation in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 701-721.	8.0	69
7	Machine Learning to Improve Multi-Hop Searching and Extended Wireless Reachability in V2X. IEEE Communications Letters, 2020, 24, 1477-1481.	4.1	20
8	Beam-Based Mobility Management in 5G Millimetre Wave V2X Communications: A Survey and Outlook. IEEE Open Journal of Intelligent Transportation Systems, 2021, 2, 347-363.	4.8	14
9	Multilateration localization based on Singular Value Decomposition for 3D indoor positioning. , 2016, , .		11
10	Machine Learning Based RATs Selection Supporting Multi-connectivity for Reliability (Invited Paper). Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 31-41.	0.3	9
11	Beam-centric Handover Decision in Dense 5G-mmWave Networks. , 2020, , .		5
12	Practical Spectrum Aggregation for Secondary Networks With Imperfect Sensing. IEEE Transactions on Vehicular Technology, 2016, 65, 5474-5484.	6.3	4
13	Implementation of a Collision Avoidance System To Assist Safe Driving Based on Data Fusion in Vehicular Networks. , 2020, , .		4
14	The study on spectrum/channel fragmentation from dynamic spectrum aggregation in CRNs. , 2014, , .		3
15	Traffic-aware carrier allocation with aggregation for load balancing. , 2017, , .		3
16	Opportunistic Spectrum Aggregation for Cognitive Communications Under Collision Constraints. , 2014, , .		3
17	Many-to-Many Matching based Resource Allocation to support Multi-Connectivity. , 2020, , .		3
18	Utility-Based Dynamic Spectrum Aggregation Algorithm in Cognitive Radio Networks. , 2012, , .		2

#	Article	IF	Citations
19	Profiling Vehicles for Improved Small Cell Beam-Vehicle Pairing Using Multi-Armed Bandit. , 2021, , .		2
20	Traffic-Aware Resource Allocation with Aggregation in Heterogeneous Networks with WLANs. , 2018, , .		1
21	A Sub-Optimal Channel Switching-Aware Spectrum Aggregation Approach for CRNs. , 2014, , .		1