Dusit Tao Niyato

List of Publications by Citations

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711 papers	27,143 citations	80 h-index	145 g-index
808 ext. papers	34,916 ext. citations	9 avg, IF	8.07 L-index

#	Paper	IF	Citations
711	Wireless Networks With RF Energy Harvesting: A Contemporary Survey. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 757-789	37.1	1479
710	A survey of mobile cloud computing: architecture, applications, and approaches. *Wireless Communications and Mobile Computing*, **2013**, 13, 1587-1611	1.9	1255
709	Applications of Deep Reinforcement Learning in Communications and Networking: A Survey. *IEEE Communications Surveys and Tutorials*, **2019**, 21, 3133-3174	37.1	528
708	A Survey on Software-Defined Networking. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 27-51	37.1	516
707	Machine Learning in Wireless Sensor Networks: Algorithms, Strategies, and Applications. *IEEE Communications Surveys and Tutorials*, **2014**, 16, 1996-2018	37.1	494
706	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications. *IEEE Communications Surveys and Tutorials*, **2016**, 18, 1413-1452	37.1	481
705	Federated Learning in Mobile Edge Networks: A Comprehensive Survey. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 2031-2063	37.1	414
704	Random access for machine-to-machine communication in LTE-advanced networks: issues and approaches **2013**, 51, 86-93		379
703	Optimization of Resource Provisioning Cost in Cloud Computing. *IEEE Transactions on Services Computing*, **2012**, 5, 164-177	4.8	375
702	Dynamic Spectrum Access and Management in Cognitive Radio Networks **2009**,		375
701	A Survey on Consensus Mechanisms and Mining Strategy Management in Blockchain Networks. *IEEE Access*, **2019**, 7, 22328-22370	3.5	355
700	A Dynamic Offloading Algorithm for Mobile Computing. *IEEE Transactions on Wireless Communications*, **2012**, 11, 1991-1995	9.6	344
699	Competitive Pricing for Spectrum Sharing in Cognitive Radio Networks: Dynamic Game, Inefficiency of Nash Equilibrium, and Collusion. *IEEE Journal on Selected Areas in Communications*, **2008**, 26, 192-202	14.2	335
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695	Ambient Backscatter Communications: A Contemporary Survey. *IEEE Communications Surveys and Tutorials*, **2018**, 20, 2889-2922	37.1	292

694	Game Theory in Wireless and Communication Networks: Theory, Models, and Applications **2011**,		281
693	Dynamics of Multiple-Seller and Multiple-Buyer Spectrum Trading in Cognitive Radio Networks: A Game-Theoretic Modeling Approach. *IEEE Transactions on Mobile Computing*, **2009**, 8, 1009-1022	4.6	262
692	Machine-to-machine communications for home energy management system in smart grid **2011**, 49, 53-59		257
691	Game-theoretic resource allocation methods for device-to-device communication. *IEEE Wireless Communications*, **2014**, 21, 136-144	13.4	253
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689	Incentive Mechanism for Reliable Federated Learning: A Joint Optimization Approach to Combining Reputation and Contract Theory. *IEEE Internet of Things Journal*, **2019**, 6, 10700-10714	10.7	232
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687	Competitive spectrum sharing in cognitive radio networks: a dynamic game approach. *IEEE Transactions on Wireless Communications*, **2008**, 7, 2651-2660	9.6	211
686	Offloading in Mobile Cloudlet Systems with Intermittent Connectivity. *IEEE Transactions on Mobile Computing*, **2015**, 14, 2516-2529	4.6	205
685	Computing Resource Allocation in Three-Tier IoT Fog Networks: A Joint Optimization Approach Combining Stackelberg Game and Matching. *IEEE Internet of Things Journal*, **2017**, 4, 1204-1215	10.7	202
684	Data Collection and Wireless Communication in Internet of Things (IoT) Using Economic Analysis and Pricing Models: A Survey. *IEEE Communications Surveys and Tutorials*, **2016**, 18, 2546-2590	37.1	183
683	A Hierarchical Game Framework for Resource Management in Fog Computing. *IEEE Communications Magazine*, **2017**, 55, 52-57	9.1	180
682	Applications, Architectures, and Protocol Design Issues for Mobile Social Networks: A Survey. *Proceedings of the IEEE*, **2011**, 99, 2130-2158	14.3	177
681	Optimal virtual machine placement across multiple cloud providers **2009**,		172
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670	Cooperative transmission for meter data collection in smart grid. *IEEE Communications Magazine*, **2012**, 50, 90-97	9.1	142
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661	A Noncooperative Game-Theoretic Framework for Radio Resource Management in 4G Heterogeneous Wireless Access Networks. *IEEE Transactions on Mobile Computing*, **2008**, 7, 332-345	4.6	116
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