

Shashi Raj Pandey

List of Publications by Year in descending order

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27
papers

1,075
citations

687363

13
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Federated Learning for Edge Networks: Resource Optimization and Incentive Mechanism. IEEE Communications Magazine, 2020, 58, 88-93.	6.1	252
2	A Crowdsourcing Framework for On-Device Federated Learning. IEEE Transactions on Wireless Communications, 2020, 19, 3241-3256.	9.2	175
3	Intelligent Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond: A Deep Reinforcement Learning Based Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4585-4600.	9.2	149
4	Energy-Efficient Resource Management in UAV-Assisted Mobile Edge Computing. IEEE Communications Letters, 2021, 25, 249-253.	4.1	88
5	An Incentive Mechanism for Federated Learning in Wireless Cellular Networks: An Auction Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4874-4887.	9.2	81
6	Wireless Network Slicing: Generalized Kelly Mechanism-Based Resource Allocation. IEEE Journal on Selected Areas in Communications, 2019, 37, 1794-1807.	14.0	48
7	A Chance Constrained Based Formulation for Dynamic Multiplexing of eMBB-URLLC Traffics in 5G New Radio. , 2019, , .		28
8	Contract-Based Scheduling of URLLC Packets in Incumbent EMBB Traffic. IEEE Access, 2020, 8, 167516-167526.	4.2	28
9	A Downlink Resource Scheduling Strategy for URLLC Traffic. , 2019, , .		27
10	Incentivize to Build: A Crowdsourcing Framework for Federated Learning. , 2019, , .		24
11	Provenance-enabled packet path tracing in the RPL-based internet of things. Computer Networks, 2020, 173, 107189.	5.1	19
12	Towards Coexistence of Cellular and WiFi Networks in Unlicensed Spectrum: A Neural Networks Based Approach. IEEE Access, 2019, 7, 110023-110034.	4.2	18
13	Ruin Theory for Dynamic Spectrum Allocation in LTE-U Networks. IEEE Communications Letters, 2019, 23, 366-369.	4.1	18
14	Ruin Theory for Energy-Efficient Resource Allocation in UAV-Assisted Cellular Networks. IEEE Transactions on Communications, 2021, 69, 3943-3956.	7.8	18
15	Edge-Assisted Democratized Learning Toward Federated Analytics. IEEE Internet of Things Journal, 2022, 9, 572-588.	8.7	16
16	Energy-Aware Resource Management for Federated Learning in Multi-Access Edge Computing Systems. IEEE Access, 2021, 9, 34938-34950.	4.2	16
17	UAV-Assisted Multi-Access Edge Computing System: An Energy-Efficient Resource Management Framework. , 2020, , .		14
18	Joint Radio Resource Allocation and Content Caching in Heterogeneous Virtualized Wireless Networks. IEEE Access, 2020, 8, 36764-36775.	4.2	14

#	ARTICLE	IF	CITATIONS
19	Distributed and Democratized Learning: Philosophy and Research Challenges. IEEE Computational Intelligence Magazine, 2021, 16, 49-62.	3.2	12
20	Latency-Sensitive Service Delivery With UAV-Assisted 5G Networks. IEEE Wireless Communications Letters, 2021, 10, 1518-1522.	5.0	9
21	Energy Efficient Multi-Tenant Resource Slicing in Virtualized Multi-Access Edge Computing. , 2019, , .		8
22	Weighted Proportional Allocation Based Power Allocation in Wireless Network Virtualization for Future Wireless Networks. , 2019, , .		4
23	A Contribution-Based Device Selection Scheme in Federated Learning. IEEE Communications Letters, 2022, 26, 2057-2061.	4.1	4
24	Self-Organizing Democratized Learning: Toward Large-Scale Distributed Learning Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10698-10710.	11.3	3
25	A Hopfield Neural Networks Based Mechanism for Coexistence of LTE-U and WiFi Networks in Unlicensed Spectrum. , 2019, , .		2
26	Response driven efficient task load assignment in mobile crowdsourcing. , 2018, , .		0
27	A Crowd-enabled Task Execution Approach in UAV Networks Towards Fog Computing. , 2021, , .		0