Michael Devetsikiotis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	2,840 citations	16 h-index	53 g-index
66 ext. papers	3,538 ext. citations	7.9 avg, IF	6.3 L-index

#	Paper	IF	Citations
54	A framework for designing and evaluating realistic blockchain-based local energy markets. *Applied Energy*, **2021**, 281, 115963	10.7	17
53	Jointly Optimizing Client Selection and Resource Management in Wireless Federated Learning for Internet of Things. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	7
52	A Theoretical Discussion and Survey of Network Automation for IoT: Challenges and Opportunity. *IEEE Internet of Things Journal*, **2021**, 8, 12021-12045	10.7	7
51	A blockchain-based mechanism for secure data exchange in smart grid protection systems **2020**,		7
50	Post-Quantum Authentication in TLS 1.3: A Performance Study **2020**,		29
49	Cloud-Based Charging Management of Heterogeneous Electric Vehicles in a Network of Charging Stations: Price Incentive vs. Capacity Expansion. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	2
48	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 2009-2013	6.8	4
47	Unsupervised Crowd-Assisted Learning Enabling Location-Aware Facilities. *IEEE Internet of Things Journal*, **2018**, 5, 4699-4713	10.7	20
46	Socio-spatial Resource Management in Wireless Powered Public Safety Networks **2018**,		2
45	Cloud-Based Charging Management of Electric Vehicles in a Network of Charging Stations **2018**,		4
44	Socio-Physical Energy-Efficient Operation in the Internet of Multipurpose Things **2018**,		4
43	Wireless powered Public Safety IoT: A UAV-assisted adaptive-learning approach towards energy efficiency. *Journal of Network and Computer Applications*, **2018**, 123, 69-79	7.9	53
42	Self-Adaptive Energy Efficient Operation in UAV-Assisted Public Safety Networks **2018**,		7
41	A real-subject evaluation trial for location-aware smart buildings **2017**,		7
40	Occupant tracking in smart facilities: An experimental study **2017**,		4
39	Enhancing the accuracy of iBeacons for indoor proximity-based services **2017**,		24
38	A Hierarchical Optimization Model for a Network of Electric Vehicle Charging Stations. *Energies*, **2017**, 10, 675	3.1	33

37	Blockchains and Smart Contracts for the Internet of Things. *IEEE Access*, **2016**, 4, 2292-2303	3.5	2051
36	Optimal charging framework for electric vehicles on the wireless charging highway **2016**,		2
35	Modeling of user Quality of Experience in location aware smart spaces **2016**,		2
34	. *IEEE Transactions on Smart Grid*, **2015**, 6, 1292-1302	10.7	53
33	The future interaction between virtual aggregator-TSO-DSO to increase DG penetration **2015**,		7
32	Revenue Optimization Frameworks for Multi-Class PEV Charging Stations. *IEEE Access*, **2015**, 3, 2140-2150	3.5	18
31	EV charging stations and modes: International standards **2014**,		69
30	Interactive energy: An approach for the dynamic pricing and dispatching of EV charging service **2014**,		1
29	Fast power charging strategy for EV/PHEV in parking campus with deployment of renewable energy **2014**,		2
28	Electric power resource provisioning for large scale public EV charging facilities **2013**,		15
27	Decentralized control of electric vehicles in a network of fast charging stations **2013**,		27
26	. *IEEE Journal on Selected Areas in Communications*, **2013**, 31, 1235-1246	14.2	112
25	Optimal Power Allocation Under Communication Network Externalities. *IEEE Transactions on Smart Grid*, **2012**, 3, 162-173	10.7	17
24	Demand response control for PHEV charging stations by dynamic price adjustments **2012**,		44
23	Strategies for competing energy storage technologies for in DC fast charging stations **2012**,		4
22	An algorithm for joint guidance and power control for electric vehicles in the smart grid **2012**,		3
21	Optimal Functionality Placement for Multiplay Service Provider Architectures. *IEEE Transactions on Network and Service Management*, **2012**, 9, 359-372	4.8	2
20	Average delay SLAs in Cloud computing **2012**,		5

19	Chunk and object level deduplication for web optimization: A hybrid approach **2012**,		5
18	**2011**,		4
17	**2011**,		39
16	Aggregated-DAG Scheduling for Job Flow Maximization in Heterogeneous Cloud Computing **2011**,		16
15	A metamodeling approach for cross-layer optimization: A framework and application to Voice over WiFi. *Simulation Modelling Practice and Theory*, **2011**, 19, 2117-2129	3.9	1
14	Enhancing Computing Power by Exploiting Underutilized Resources in the Community Cloud **2011**,		8
13	Flow classification using clustering and association rule mining **2010**,		12
12	Aggregation Network Design Methodologies for Triple Play Services **2010**,		4
11	A Framework for Optimizing Measurement-Based Power Distribution under Communication Network Constraints **2010**,		9
10	An apparatus for P2P classification in Netflow traces **2010**,		2
9	Social Distance Aware Resource Allocation in Wireless Networks **2009**,		9
8	A survey on next generation mobile WiMAX networks: objectives, features and technical challenges. *IEEE Communications Surveys and Tutorials*, **2009**, 11, 3-18	37.1	38
7	Pricing and Measurement-based Optimal Resource Allocation in Next Generation Network Services **2007**,		6
6	Extension and Comparison of QoS-Enabled Wi-Fi Models in the Presence of Errors **2007**,		3
5	Bandwidth Allocation in Self-Sizing Networks Under Uncertain Constraints **2006**,		2
4	QRP01-2: Challenges in Service-Oriented Networking. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		4
3	Profit-oriented resource allocation using online scheduling in flexible heterogeneous networks. *Telecommunication Systems*, **2006**, 31, 289-303	2.3	11
2	Pricing in WiMAX Networks69-84		

1	Optimal design of electric vehicle charging stations for commercial premises. *International Journal of Energy Research*,	4.5	1