

Antonio F Skarmeta

List of Publications by Year in descending order

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293
papers

6,393
citations

109321

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106344

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297
all docs

297
docs citations

297
times ranked

5859
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrusion Detection Based on Privacy-Preserving Federated Learning for the Industrial IoT. IEEE Transactions on Industrial Informatics, 2023, 19, 1145-1154.	11.3	26
2	A Transfer Learning Framework for Predictive Energy-Related Scenarios in Smart Buildings. IEEE Transactions on Industry Applications, 2023, 59, 26-37.	4.9	8
3	Machine learning-based zero-touch network and service management: a survey. Digital Communications and Networks, 2022, 8, 105-123.	5.0	31
4	QoS and Resource-Aware Security Orchestration and Life Cycle Management. IEEE Transactions on Mobile Computing, 2022, 21, 2978-2993.	5.8	9
5	Evaluating Federated Learning for intrusion detection in Internet of Things: Review and challenges. Computer Networks, 2022, 203, 108661.	5.1	51
6	Monitoring System for the Management of the Common Agricultural Policy Using Machine Learning and Remote Sensing. Electronics (Switzerland), 2022, 11, 325.	3.1	9
7	Privacy-Preserving Identity Management and Applications to Academic Degree Verification. IFIP Advances in Information and Communication Technology, 2022, , 33-46.	0.7	1
8	Integration and Verification of PLUG-N-HARVEST ICT Platform for Intelligent Management of Buildings. Energies, 2022, 15, 2610.	3.1	6
9	Reducing Energy Consumption in the Workplace via IoT-Allowed Behavioural Change Interventions. Buildings, 2022, 12, 708.	3.1	14
10	Enabling Decentralized and Auditable Access Control for IoT through Blockchain and Smart Contracts. Security and Communication Networks, 2022, 2022, 1-14.	1.5	5
11	Research in Electronic and Mobile Payment Systems: A Bibliometric Analysis. Sustainability, 2022, 14, 7661.	3.2	2
12	Automatic, verifiable and optimized policy-based security enforcement for SDN-aware IoT networks. Computer Networks, 2022, 213, 109123.	5.1	14
13	A Novel Learning Algorithm Based on Bayesian Statistics: Modelling Thermostat Adjustments for Heating and Cooling in Buildings. Mathematics, 2022, 10, 2363.	2.2	2
14	Distributed real-time SlowDoS attacks detection over encrypted traffic using Artificial Intelligence. Journal of Network and Computer Applications, 2021, 173, 102871.	9.1	31
15	Security and Privacy in Internet of Things-Enabled Smart Cities: Challenges and Future Directions. IEEE Security and Privacy, 2021, 19, 12-23.	1.2	14
16	Architecture for Orchestrating Dynamic DNN-Powered Image Processing Tasks in Edge and Cloud Devices. IEEE Access, 2021, 9, 107137-107148.	4.2	3
17	CloTVID: Towards an Open IoT-Platform for Infective Pandemic Diseases such as COVID-19. Sensors, 2021, 21, 484.	3.8	27
18	Defining the Behavior of IoT Devices Through the MUD Standard: Review, Challenges, and Research Directions. IEEE Access, 2021, 9, 126265-126285.	4.2	7

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19	IoT-Crawler: Challenges and Solutions for Searching the Internet of Things. <i>Sensors</i> , 2021, 21, 1559.	3.8	13
20	A Survey of Cybersecurity Certification for the Internet of Things. <i>ACM Computing Surveys</i> , 2021, 53, 1-36.	23.0	34
21	Users' Evaluation of a New Web Browser Payment Interface for Facilitating the Use of Multiple Payment Systems. <i>Sustainability</i> , 2021, 13, 4711.	3.2	3
22	Climate-Aware and IoT-Enabled Selection of the Most Suitable Stone Fruit Tree Variety. <i>Sensors</i> , 2021, 21, 3867.	3.8	6
23	The Challenges of Software Cybersecurity Certification [Building Security In]. <i>IEEE Security and Privacy</i> , 2021, 19, 99-102.	1.2	5
24	Improving Energy Efficiency of Irrigation Wells by Using an IoT-Based Platform. <i>Electronics (Switzerland)</i> , 2021, 10, 250.	3.1	14
25	A Trusted Approach for Decentralised and Privacy-Preserving Identity Management. <i>IEEE Access</i> , 2021, 9, 105788-105804.	4.2	10
26	Missing Data Imputation With Bayesian Maximum Entropy for Internet of Things Applications. <i>IEEE Internet of Things Journal</i> , 2021, 8, 16108-16120.	8.7	19
27	Implementation and evaluation of a privacy-preserving distributed ABC scheme based on multi-signatures. <i>Journal of Information Security and Applications</i> , 2021, 62, 102971.	2.5	3
28	Data Protection by Design in the Context of Smart Cities: A Consent and Access Control Proposal. <i>Sensors</i> , 2021, 21, 7154.	3.8	6
29	ARIES: Evaluation of a reliable and privacy-preserving European identity management framework. <i>Future Generation Computer Systems</i> , 2020, 102, 409-425.	7.5	18
30	Classification of spatio-temporal trajectories from Volunteer Geographic Information through fuzzy rules. <i>Applied Soft Computing Journal</i> , 2020, 86, 105916.	7.2	11
31	Application Layer Key Establishment for End-to-End Security in IoT. <i>IEEE Internet of Things Journal</i> , 2020, 7, 2117-2128.	8.7	27
32	Users Supporting Multiple (Mobile) Electronic Payment Systems in Online Purchases: An Empirical Study of Their Payment Transaction Preferences. <i>IEEE Access</i> , 2020, 8, 735-766.	4.2	19
33	Evaluation of a zone encryption scheme for vehicular networks. <i>Computer Networks</i> , 2020, 182, 107523.	5.1	5
34	Enforcing GDPR regulation to vehicular 5G communications using edge virtual counterparts. , 2020, , .		0
35	Enhancing Extensive and Remote LoRa Deployments through MEC-Powered Drone Gateways. <i>Sensors</i> , 2020, 20, 4109.	3.8	11
36	Semantic-Aware Security Orchestration in SDN/NFV-Enabled IoT Systems. <i>Sensors</i> , 2020, 20, 3622.	3.8	18

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37	Security Orchestration and Enforcement in NFV/SDN-Aware UAV Deployments. IEEE Access, 2020, 8, 131779-131795.	4.2	24
38	Distributed Security Framework for Reliable Threat Intelligence Sharing. Security and Communication Networks, 2020, 2020, 1-15.	1.5	20
39	A Comprehensive Survey about Thermal Comfort under the IoT Paradigm: Is Crowdsensing the New Horizon?. Sensors, 2020, 20, 4647.	3.8	20
40	TinyML-Enabled Frugal Smart Objects: Challenges and Opportunities. IEEE Circuits and Systems Magazine, 2020, 20, 4-18.	2.3	167
41	Dependable Content-Aware Prefetching for HTTP Applications over ICN as a Service. , 2020, , .		0
42	Enabling Roaming Across Heterogeneous IoT Wireless Networks: LoRaWAN MEETS 5G. IEEE Access, 2020, 8, 103164-103180.	4.2	30
43	Evaluation of the Use of Compressed Sensing in Data Harvesting for Vehicular Sensor Networks. Sensors, 2020, 20, 1434.	3.8	1
44	Agri-food Research Centres as Drivers of Digital Transformation for Smart Agriculture. , 2020, , .		2
45	An Interledger Blockchain Platform for Cross-Border Management of Cybersecurity Information. IEEE Internet Computing, 2020, 24, 19-29.	3.3	15
46	Hybrid Positioning for Smart Spaces: Proposal and Evaluation. Applied Sciences (Switzerland), 2020, 10, 4083.	2.5	2
47	Conceptualisation of an IoT Framework for Multi-Person Interaction with Conditioning Systems. Energies, 2020, 13, 3094.	3.1	4
48	OLYMPUS: A distributed privacy-preserving identity management system. , 2020, , .		3
49	Digital Transformation of Agriculture through the Use of an Interoperable Platform. Sensors, 2020, 20, 1153.	3.8	30
50	Secure Authentication and Credential Establishment in Narrowband IoT and 5G. Sensors, 2020, 20, 882.	3.8	20
51	The OLYMPUS Architecture“Oblivious Identity Management for Private User-Friendly Services. Sensors, 2020, 20, 945.	3.8	9
52	Impact of SCHC Compression and Fragmentation in LPWAN: A Case Study with LoRaWAN. Sensors, 2020, 20, 280.	3.8	30
53	MIGRATE: Mobile Device Virtualisation Through State Transfer. IEEE Access, 2020, 8, 25848-25862.	4.2	20
54	Lightweight Data-Security Ontology for IoT. Sensors, 2020, 20, 801.	3.8	20

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55	Security Architecture for Defining and Enforcing Security Profiles in DLT/SDN-Based IoT Systems. Sensors, 2020, 20, 1882.	3.8	21
56	A hybrid neuro-fuzzy inference system-based algorithm for time series forecasting applied to energy consumption prediction. Applied Energy, 2020, 268, 114977.	10.1	58
57	Virtual IoT HoneyNets to Mitigate Cyberattacks in SDN/NFV-Enabled IoT Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 1262-1277.	14.0	70
58	A Machine Learning Security Framework for IoT Systems. IEEE Access, 2020, 8, 114066-114077.	4.2	111
59	INSPIRE-5Gplus. , 2020, , .		25
60	EAP-Based Bootstrapping for Secondary Service Authentication to Integrate IoT into 5G Networks. Communications in Computer and Information Science, 2020, , 13-22.	0.5	0
61	IoT-based data management for Smart Agriculture. , 2020, , .		4
62	Risk-based automated assessment and testing for the cybersecurity certification and labelling of IoT devices. Computer Standards and Interfaces, 2019, 62, 64-83.	5.4	58
63	An interoperable platform for the digital transformation of the agricultural sector. , 2019, , .		0
64	IoT for Water Management: Towards Intelligent Anomaly Detection. , 2019, , .		19
65	Towards an Ontology for IoT Context-Based Security Evaluation. , 2019, , .		9
66	Virtual IoT Systems: Boosting IoT Innovation by Decoupling Things Providers and Applications Developers. , 2019, , .		5
67	Empowering the Internet of Vehicles with Multi-RAT 5G Network Slicing. Sensors, 2019, 19, 3107.	3.8	20
68	Privacy-Preserving Solutions for Blockchain: Review and Challenges. IEEE Access, 2019, 7, 164908-164940.	4.2	211
69	Extending MUD Profiles Through an Automated IoT Security Testing Methodology. IEEE Access, 2019, 7, 149444-149463.	4.2	11
70	OLYMPUS: towards Oblivious identity Management for Private and User-friendly Services. , 2019, , .		3
71	Architecture of security association establishment based on bootstrapping technologies for enabling secure IoT infrastructures. Future Generation Computer Systems, 2019, 95, 570-585.	7.5	9
72	LPWAN-Based Vehicular Monitoring Platform with a Generic IP Network Interface. Sensors, 2019, 19, 264.	3.8	27

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73	SURROGATES: Virtual OBU's to Foster 5G Vehicular Services. Electronics (Switzerland), 2019, 8, 117.	3.1	21
74	Enabling Virtual AAA Management in SDN-Based IoT Networks â€. Sensors, 2019, 19, 295.	3.8	31
75	Toward a Cybersecurity Certification Framework for the Internet of Things. IEEE Security and Privacy, 2019, 17, 66-76.	1.2	31
76	End-Node Security. Internet of Things, 2019, , 45-69.	1.7	0
77	Security Management Architecture for NFV/SDN-Aware IoT Systems. IEEE Internet of Things Journal, 2019, 6, 8005-8020.	8.7	79
78	PLUG-N-HARVEST Architecture for Secure and Intelligent Management of Near-Zero Energy Buildings. Sensors, 2019, 19, 843.	3.8	11
79	Tracking and Monitoring System Based on LoRa Technology for Lightweight Boats. Electronics (Switzerland), 2019, 8, 15.	3.1	45
80	MEC-Assisted End-to-End 5G-Slicing for IoT. , 2019, , .		9
81	Toward a Blockchain-based Platform to Manage Cybersecurity Certification of IoT devices. , 2019, , .		15
82	Enforcing Behavioral Profiles through Software-Defined Networks in the Industrial Internet of Things. Applied Sciences (Switzerland), 2019, 9, 4576.	2.5	15
83	Smart farming IoT platform based on edge and cloud computing. Biosystems Engineering, 2019, 177, 4-17.	4.3	290
84	An open IoT platform for the management and analysis of energy data. Future Generation Computer Systems, 2019, 92, 1066-1079.	7.5	122
85	User-Centric Privacy. Internet of Things, 2019, , 191-209.	1.7	2
86	Electronic Payment Frameworks. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2019, , 205-218.	0.8	0
87	Integration of Anonymous Credential Systems in IoT Constrained Environments. IEEE Access, 2018, 6, 4767-4778.	4.2	20
88	A Lightweight and Flexible Encryption Scheme to Protect Sensitive Data in Smart Building Scenarios. IEEE Access, 2018, 6, 11738-11750.	4.2	12
89	BEATS: Blocks of Eigenvalues Algorithm for Time series Segmentation. IEEE Transactions on Knowledge and Data Engineering, 2018, , 1-1.	5.7	15
90	Matching federation identities, the eduGAIN and STORK approach. Future Generation Computer Systems, 2018, 80, 126-138.	7.5	6

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91	Offloading Positioning onto Network Edge. Wireless Communications and Mobile Computing, 2018, 1-13.	1.2	7
92	Managing AAA in NFV/SDN-enabled IoT scenarios. , 2018, , .		7
93	Internet Access for LoRaWAN Devices Considering Security Issues. , 2018, , .		5
94	5G NB-IoT: Efficient Network Traffic Filtering for Multitenant IoT Cellular Networks. Security and Communication Networks, 2018, 2018, 1-21.	1.5	31
95	Detaching the design, development and execution of big data analysis processes: A case study based on energy and behavioral analytics. , 2018, , .		1
96	IoTcrawler: Browsing the Internet of Things. , 2018, , .		11
97	Enhancing LoRaWAN Security through a Lightweight and Authenticated Key Management Approach. Sensors, 2018, 18, 1833.	3.8	57
98	Machine learning based electric load forecasting for short and long-term period. , 2018, , .		18
99	IPv6 communications over LoRa for future IoV services. , 2018, , .		10
100	Classification of Spatio-Temporal Trajectories Based on Support Vector Machines. Lecture Notes in Computer Science, 2018, , 140-151.	1.3	0
101	Performance Evaluation of LoRa Considering Scenario Conditions. Sensors, 2018, 18, 772.	3.8	195
102	Enhancing IoT security through network softwarization and virtual security appliances. International Journal of Network Management, 2018, 28, e2038.	2.2	34
103	Special issue on management of <scp>IoT</scp>. International Journal of Network Management, 2018, 28, e2032.	2.2	1
104	Towards privacy preserving data provenance for the Internet of Things. , 2018, , .		9
105	Test-based risk assessment and security certification proposal for the Internet of Things. , 2018, , .		4
106	Empirical Study of Massive Set-Point Behavioral Data: Towards a Cloud-Based Artificial Intelligence that Democratizes Thermostats. , 2018, , .		4
107	Protecting personal data in IoT platform scenarios through encryption-based selective disclosure. Computer Communications, 2018, 130, 20-37.	5.1	10
108	Evolving IoT networks by the confluence of MEC and LP-WAN paradigms. Future Generation Computer Systems, 2018, 88, 199-208.	7.5	28

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109	Electronic Payment Frameworks. , 2018, , 2749-2760.		1
110	SecRBAC: Secure data in the Clouds. IEEE Transactions on Services Computing, 2017, 10, 726-740.	4.6	18
111	Towards seamless inter-technology handovers in vehicular IPv6 communications. Computer Standards and Interfaces, 2017, 52, 85-96.	5.4	12
112	ANASTACIA: Advanced networked agents for security and trust assessment in CPS IoT architectures. , 2017, , .		21
113	Towards a Privacy-Preserving Reliable European Identity Ecosystem. Lecture Notes in Computer Science, 2017, , 19-33.	1.3	5
114	A digital envelope approach using attribute-based encryption for secure data exchange in IoT scenarios. , 2017, , .		11
115	Integration of serious games and IoT data management platforms to motivate behavioural change for energy efficient lifestyles. , 2017, , .		6
116	Human mobility analysis based on social media and fuzzy clustering. , 2017, , .		4
117	A user-centric Internet of Things platform to empower users for managing security and privacy concerns in the Internet of Energy. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772797.	2.2	10
118	Applicability of Big Data Techniques to Smart Cities Deployments. IEEE Transactions on Industrial Informatics, 2017, 13, 800-809.	11.3	121
119	Transmission Technologies Comparison for IoT Communications in Smart-Cities. , 2017, , .		20
120	An open architecture for IoT data analytics in smart cities. , 2017, , .		1
121	Data driven modeling for energy consumption prediction in smart buildings. , 2017, , .		19
122	Fuzzy Modelling for Human Dynamics Based on Online Social Networks. Sensors, 2017, 17, 1949.	3.8	7
123	Providing Personalized Energy Management and Awareness Services for Energy Efficiency in Smart Buildings. Sensors, 2017, 17, 2054.	3.8	49
124	Holistic Privacy-Preserving Identity Management System for the Internet of Things. Mobile Information Systems, 2017, 2017, 1-20.	0.6	33
125	Data aggregation, fusion and recommendations for strengthening citizens energy-aware behavioural profiles. , 2017, , .		0
126	An ARM-Compliant Architecture for User Privacy in Smart Cities: SMARTIEâ€”Quality by Design in the IoT. Wireless Communications and Mobile Computing, 2017, 2017, 1-13.	1.2	8

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127	Human Mobility Modelling Based on Dense Transit Areas Detection with Opportunistic Sensing. Mobile Information Systems, 2016, 2016, 1-15.	0.6	3
128	Vehicle Maneuver Detection with Accelerometer-Based Classification. Sensors, 2016, 16, 1618.	3.8	23
129	ARMOUR: Large-scale experiments for IoT security & trust. , 2016, , .		4
130	An overview on delegated authorization for CoAP: Authentication and authorization for Constrained Environments (ACE). , 2016, , .		8
131	Security certification and labelling in Internet of Things. , 2016, , .		16
132	An ARM-compliant IoT platform: Security by design for the smart home. , 2016, , .		3
133	Towards Energy Efficiency Smart Buildings Models Based on Intelligent Data Analytics. Procedia Computer Science, 2016, 83, 994-999.	2.0	33
134	Opportunistic smart object aggregation based on clustering and event processing. , 2016, , .		1
135	Human Mobility Prediction Based on Social Media with Complex Event Processing. International Journal of Distributed Sensor Networks, 2016, 12, 5836392.	2.2	13
136	ARMY: architecture for a secure and privacy-aware lifecycle of smart objects in the internet of my things. , 2016, 54, 28-35.		20
137	Mobility and security in a real VANET deployed in a heterogeneous networks. Security and Communication Networks, 2016, 9, 208-219.	1.5	2
138	Enabling end-to-end CoAP-based communications for the Web of Things. Journal of Network and Computer Applications, 2016, 59, 230-236.	9.1	31
139	Securing Vehicular IPv6 Communications. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 46-58.	5.4	23
140	DCapBAC: embedding authorization logic into smart things through ECC optimizations. International Journal of Computer Mathematics, 2016, 93, 345-366.	1.8	92
141	TACIoT: multidimensional trust-aware access control system for the Internet of Things. Soft Computing, 2016, 20, 1763-1779.	3.6	117
142	Extending SIP to support payments in a generic way. Computer Standards and Interfaces, 2016, 46, 23-36.	5.4	3
143	A Low-Cost Indoor Localization System for Energy Sustainability in Smart Buildings. IEEE Sensors Journal, 2016, 16, 3246-3262.	4.7	46
144	Online route prediction based on clustering of meaningful velocity-change areas. Data Mining and Knowledge Discovery, 2016, 30, 1480-1519.	3.7	2

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145	A complex event processing approach to detect abnormal behaviours in the marine environment. Information Systems Frontiers, 2016, 18, 765-780.	6.4	21
146	Big data: the key to energy efficiency in smart buildings. Soft Computing, 2016, 20, 1749-1762.	3.6	58
147	Enabling SDN Experimentation with Wired and Wireless Resources: The SmartFIRE Facility. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 280-290.	0.3	1
148	A required security and privacy framework for smart objects. , 2015, , .		6
149	An IoT based framework for user-centric smart building services. International Journal of Web and Grid Services, 2015, 11, 78.	0.5	17
150	Preserving Smart Objects Privacy through Anonymous and Accountable Access Control for a M2M-Enabled Internet of Things. Sensors, 2015, 15, 15611-15639.	3.8	19
151	MagicFinger: 3D Magnetic Fingerprints for Indoor Location. Sensors, 2015, 15, 17168-17194.	3.8	24
152	An indoor localization system based on 3D magnetic fingerprints for smart buildings. , 2015, , .		7
153	Managing Context Information for Adaptive Security in IoT Environments. , 2015, , .		8
154	SMARTIE project: Secure IoT data management for smart cities. , 2015, , .		34
155	How to intelligently make sense of real data of smart cities. , 2015, , .		9
156	Certificateless and Privacy-Enhancing Group Sharing Mechanism for the Future Internet. , 2015, , .		1
157	Towards human mobility extraction based on social media with Complex Event Processing. , 2015, , .		2
158	Tram-Based Mobility Mining with Event Processing of Transit-Card Transactions. , 2015, , .		0
159	Context sensitive indoor temperature forecast for energy efficient operation of smart buildings. , 2015, , .		10
160	MagicFinger: A New Approach to Indoor Localization. Lecture Notes in Computer Science, 2015, , 3-12.	1.3	0
161	Using an Identity Plane for Adapting Network Behavior to User and Service Requirements. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 253-265.	0.3	2
162	Big data for IoT services in smart cities. , 2015, , .		19

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163	Dynamic security credentials PANA-based provisioning for IoT smart objects. , 2015, , .		7
164	Toward a Lightweight Authentication and Authorization Framework for Smart Objects. IEEE Journal on Selected Areas in Communications, 2015, 33, 690-702.	14.0	115
165	CEP-traj: An event-based solution to process trajectory data. Information Systems, 2015, 52, 34-54.	3.6	17
166	Intercloud Trust and Security Decision Support System: an Ontology-based Approach. Journal of Grid Computing, 2015, 13, 425-456.	3.9	10
167	Integrating an identity-based control plane with the HIMALIS network architecture. , 2015, , .		3
168	A vehicular network mobility framework: Architecture, deployment and evaluation. , 2015, , .		8
169	Exploiting IoT-based sensed data in smart buildings to model its energy consumption. , 2015, , .		7
170	SAFIR: Secure access framework for IoT-enabled services on smart buildings. Journal of Computer and System Sciences, 2015, 81, 1452-1463.	1.2	65
171	A complex event processing approach to perceive the vehicular context. Information Fusion, 2015, 21, 187-209.	19.1	27
172	Online Urban Mobility Detection Based on Velocity Features. Lecture Notes in Computer Science, 2015, , 351-362.	1.3	1
173	Security and Privacy in Vehicular Communications with INTER-TRUST. Communications in Computer and Information Science, 2015, , 53-64.	0.5	1
174	Future Human-Centric Smart Environments. Modeling and Optimization in Science and Technologies, 2015, , 341-365.	0.7	6
175	A Framework for Citizen Participation in the Internet of Things. , 2014, , .		5
176	How can We Tackle Energy Efficiency in IoT BasedSmart Buildings?. Sensors, 2014, 14, 9582-9614.	3.8	103
177	Towards Privacy-Preserving Data Sharing in Smart Environments. , 2014, , .		5
178	A holistic IoT-based management platform for smart environments. , 2014, , .		15
179	A New Location-Aware Authorization Mechanism for Indoor Environments. , 2014, , .		15
180	Mobile digcovery: discovering and interacting with the world through the Internet of things. Personal and Ubiquitous Computing, 2014, 18, 323-338.	2.8	74

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181	Drug identification and interaction checker based on IoT to minimize adverse drug reactions and improve drug compliance. Personal and Ubiquitous Computing, 2014, 18, 5-17.	2.8	50
182	Taxonomy of trust relationships in authorization domains for cloud computing. Journal of Supercomputing, 2014, 70, 1075-1099.	3.6	6
183	A decentralized approach for security and privacy challenges in the Internet of Things. , 2014, , .		86
184	IPv6 Communication Stack for Deploying Cooperative Vehicular Services. International Journal of Intelligent Transportation Systems Research, 2014, 12, 48-60.	1.1	3
185	User role in IoT-based systems. , 2014, , .		4
186	A Framework for Supporting Network Continuity in Vehicular IPv6 Communications. IEEE Intelligent Transportation Systems Magazine, 2014, 6, 17-34.	3.8	19
187	Privacy-Preserving Security Framework for a Social-Aware Internet of Things. Lecture Notes in Computer Science, 2014, , 408-415.	1.3	16
188	A soft computing based location-aware access control for smart buildings. Soft Computing, 2014, 18, 1659-1674.	3.6	17
189	Participative marketing: extending social media marketing through the identification and interaction capabilities from the Internet of things. Personal and Ubiquitous Computing, 2014, 18, 997-1011.	2.8	35
190	A process-based Internet of Things. , 2014, , .		4
191	User-centric smart buildings for energy sustainable smart cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 41-55.	3.9	67
192	Building a reputation-based bootstrapping mechanism for newcomers in collaborative alert systems. Journal of Computer and System Sciences, 2014, 80, 571-590.	1.2	8
193	Trustworthy placements: Improving quality and resilience in collaborative attack detection. Computer Networks, 2014, 58, 70-86.	5.1	10
194	Experimental evaluation of CAM and DENM messaging services in vehicular communications. Transportation Research Part C: Emerging Technologies, 2014, 46, 98-120.	7.6	71
195	Semantic-aware multi-tenancy authorization system for cloud architectures. Future Generation Computer Systems, 2014, 32, 154-167.	7.5	28
196	Semantic Web of Things: an analysis of the application semantics for the IoT moving towards the IoT convergence. International Journal of Web and Grid Services, 2014, 10, 244.	0.5	119
197	Empowering Security and Mobility in Future Networks with an Identity-Based Control Plane. IEICE Transactions on Communications, 2014, E97.B, 2571-2582.	0.7	2
198	SCTP as scalable video coding transport. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.7	3

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199	Secure and scalable mobility management scheme for the Internet of Things integration in the future internet architecture. International Journal of Ad Hoc and Ubiquitous Computing, 2013, 13, 228.	0.5	18
200	Mobile Digcovery: A Global Service Discovery for the Internet of Things. , 2013, , .		25
201	Survey of Internet of Things Technologies for Clinical Environments. , 2013, , .		57
202	Enabling Participative Marketing through the Internet of Things. , 2013, , .		5
203	An indoor localization system based on artificial neural networks and particle filters applied to intelligent buildings. Neurocomputing, 2013, 122, 116-125.	5.9	57
204	Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. IEEE Journal on Selected Areas in Communications, 2013, 31, 47-65.	14.0	232
205	Evaluating Video Streaming in Network Architectures for the Internet of Things. , 2013, , .		18
206	RepCIDN: A Reputation-based Collaborative Intrusion Detection Network to Lessen the Impact of Malicious Alarms. Journal of Network and Systems Management, 2013, 21, 128-167.	4.9	27
207	Shifting primes: Optimizing elliptic curve cryptography for 16-bit devices without hardware multiplier. Mathematical and Computer Modelling, 2013, 58, 1155-1174.	2.0	15
208	Beyond the separation of identifier and locator: Building an identity-based overlay network architecture for the Future Internet. Computer Networks, 2013, 57, 2280-2300.	5.1	18
209	KAMU: providing advanced user privacy in Kerberos multi-domain scenarios. International Journal of Information Security, 2013, 12, 505-525.	3.4	6
210	Teaching Advanced Concepts in Computer Networks: VNUML-UM Virtualization Tool. IEEE Transactions on Learning Technologies, 2013, 6, 85-96.	3.2	21
211	Lightweight Mobile IPv6: A mobility protocol for enabling transparent IPv6 mobility in the Internet of Things. , 2013, , .		5
212	Vehicle-to-infrastructure messaging proposal based on CAM/DENM specifications. , 2013, , .		23
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