Huansheng Ning

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.

183 papers	4,770 citations	33 h-index	64 g-index
203 ext. papers	6,199 ext. citations	5.1 avg, IF	6.38 L-index

#	Paper	IF	Citations
183	Task Allocation Among Connected Devices: Requirements, Approaches, and Challenges. *IEEE Internet of Things Journal*, **2022**, 9, 1009-1023	10.7	1
182	Few-shot activity learning by dual Markov logic networks. *Knowledge-Based Systems*, **2022**, 240, 108158	7.3	0
181	A Survey of Hybrid Human-Artificial Intelligence for Social Computing. *IEEE Transactions on Human-Machine Systems*, **2021**, 1-13	4.1	2
180	A Trustworthy Safety Inspection Framework Using Performance-Security Balanced Blockchain. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	
179	Sensor-Based Fall Risk Assessment: A Survey. *Healthcare (Switzerland)*, **2021**, 9,	3.4	1
178	ComPath: User Interest Mining in Heterogeneous Signed Social Networks for Internet of People. *IEEE Internet of Things Journal*, **2021**, 8, 7024-7035	10.7	10
177	Undergraduate University Education in Internet of Things Engineering in China: A Survey. *Education Sciences*, **2021**, 11, 202	2.2	4
176	IoT-CCAC: a blockchain-based consortium capability access control approach for IoT. *PeerJ Computer Science*, **2021**, 7, e455	2.7	8
175	. *IEEE Internet of Things Journal*, **2021**, 8, 8680-8692	10.7	1
174	Special Issue on Robustness and Efficiency in the Convergence of Artificial Intelligence and IoT. *IEEE Internet of Things Journal*, **2021**, 8, 9460-9462	10.7	0
173	. *IEEE Internet of Things Journal*, **2021**, 8, 1859-1870	10.7	22
172	Security and privacy issues of physical objects in the IoT: Challenges and opportunities. *Digital Communications and Networks*, **2021**, 7, 373-384	5.9	15
171	An enhanced encoder□decoder framework for bearing remaining useful life prediction. *Measurement: Journal of the International Measurement Confederation*, **2021**, 170, 108753	4.6	9
170	. *IEEE Internet of Things Journal*, **2021**, 8, 6077-6088	10.7	4
169	C band 112 Gb/s PAM4 signal transmission over 320 km with a quasi-linear double-side electro-absorption modulated laser (DS-EML). *Optical Fiber Technology*, **2021**, 61, 102407	2.4	
168	SRAM-PUF-Based Entities Authentication Scheme for Resource-Constrained IoT Devices. *IEEE Internet of Things Journal*, **2021**, 8, 5904-5913	10.7	8
167	Flow Experience Detection and Analysis for Game Users by Wearable-Devices-Based Physiological Responses Capture. *IEEE Internet of Things Journal*, **2021**, 8, 1373-1387	10.7	0

166	Coalitional Dynamic Graph Game for Aeronautical Ad hoc Network Formation. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	1
165	IoT-Enabled Social Relationships Meet Artificial Social Intelligence. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	12
164	A Survey on Hybrid Human-Artificial Intelligence for Autonomous Driving. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-16	6.1	4
163	. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 86-98	4.5	16
162	. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 118-121	4.5	2
161	A Novel Framework for Mobile-Edge Computing by Optimizing Task Offloading. *IEEE Internet of Things Journal*, **2021**, 8, 13065-13076	10.7	28
160	Experimental demonstration of low complexity hybrid FFE algorithm for strictly band-limited IM/DD system. *Optics Communications*, **2021**, 505, 127485	2	0
159	A Lightweight Blockchain-Based IoT Identity Management Approach. *Future Internet*, **2021**, 13, 24	3.3	20
158	A Survey on the Bottleneck Between Applications Exploding and User Requirements in IoT. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	2
157	Parallel Particle Swarm Optimization Based on Spark for Academic Paper Co-Authorship Prediction. *Information (Switzerland)*, **2021**, 12, 530	2.6	1
156	Robot and its living space: A roadmap for robot development based on the view of living space. *Digital Communications and Networks*, **2020**, 7, 505-505	5.9	8
155	Theoretical and numerical analyses for PDM-IM signals using Stokes vector receivers. *Science China Information Sciences*, **2020**, 63, 1	3.4	1
154	. *IEEE Internet of Things Journal*, **2020**, 7, 10733-10744	10.7	8
153	A Review on Serious Games for Dementia Care in Ageing Societies. *IEEE Journal of Translational Engineering in Health and Medicine*, **2020**, 8, 1400411	3	12
152	Using models temporal features and hierarchical structure for similar activity recognition. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 1	3.7	0
151	Multi-resident type recognition based on ambient sensors activity. *Future Generation Computer Systems*, **2020**, 112, 108-115	7.5	4
150	Blockchain-Based Model for Nondeterministic Crowdsensing Strategy With Vehicular Team Cooperation. *IEEE Internet of Things Journal*, **2020**, 7, 8090-8098	10.7	11
149	. *IEEE Internet of Things Journal*, **2020**, 7, 4697-4710	10.7	6

148	Distributed Ledger Technology for eHealth Identity Privacy: State of The Art and Future Perspective. *Sensors*, **2020**, 20,	3.8	31
147	Electromagnetic spectrum chipless radio frequency identification: A review. *Digital Communications and Networks*, **2020**, 6, 377-388	5.9	3
146	Hybrid Human-Artificial Intelligence. *Computer*, **2020**, 53, 14-17	1.6	6
145	Timestamp Scheme to Mitigate Replay Attacks in Secure ZigBee Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	1
144	Heterogeneous edge computing open platforms and tools for internet of things. *Future Generation Computer Systems*, **2020**, 106, 67-76	7.5	34
143	Novel crest-trough shaped spoof surface plasmon polaritons for low pass filtering applications. *Microwave and Optical Technology Letters*, **2020**, 62, 1533-1541	1.2	0
142	Software-Defined Edge Computing (SDEC): Principle, Open IoT System Architecture, Applications, and Challenges. *IEEE Internet of Things Journal*, **2020**, 7, 5934-5945	10.7	16
141	. *IEEE Network*, **2020**, 34, 8-15	11.4	13
140	Convergence of computing, communication, and caching in Internet of Things. *Intelligent and Converged Networks*, **2020**, 1, 18-36	4	7
139	Physical unclonable function: architectures, applications and challenges for dependable security. *IET Circuits, Devices and Systems*, **2020**, 14, 407-424	1.1	11
138	Mining user interest based on personality-aware hybrid filtering in social networks. *Knowledge-Based Systems*, **2020**, 206, 106227	7.3	21
137	IEEE Access Special Section Editorial: Collaboration for Internet of Things. *IEEE Access*, **2020**, 8, 160329-160337	3.9	0
136	A survey: Cyber-physical-social systems and their system-level design methodology. *Future Generation Computer Systems*, **2020**, 105, 1028-1042	7.5	82
135	Advances in Position Based Routing Towards ITS Enabled FoG-Oriented VANETs A Survey. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 21, 828-840	6.1	42
134	Fidelity in Simulation-Based Serious Games. *IEEE Transactions on Learning Technologies*, **2020**, 13, 340-353	4	6
133	Fog-assisted secure healthcare data aggregation scheme in IoT-enabled WSN. *Peer-to-Peer Networking and Applications*, **2020**, 13, 163-174	3.1	30
132	Making use of observable parameters in evolutionary dynamic optimization. *Information Sciences*, **2020**, 512, 708-725	7.7	
131	. *IEEE Internet of Things Journal*, **2019**, 6, 9531-9544	10.7	12

130	Review on Smart Gas Sensing Technology. *Sensors*, **2019**, 19,	3.8	94
129	An Application Research of Kalman Filter Based Algorithms in ECEF Coordinate System for Motion Models of Sensors. *Procedia Computer Science*, **2019**, 147, 574-580	1.6	1
128	Synergy between Communication, Computing, and Caching for Smart Sensing in Internet of Things. *Procedia Computer Science*, **2019**, 147, 504-511	1.6	4
127	Miniaturised frequency selective surface based on fractal arrays with square slots for enhanced bandwidth. *IET Microwaves, Antennas and Propagation*, **2019**, 13, 1811-1819	1.6	9
126	Unlabeled Short Text Similarity With LSTM Encoder. *IEEE Access*, **2019**, 7, 3430-3437	3.5	14
125	Efficient Edge Nodes Reconfiguration and Selection for the Internet of Things. *IEEE Sensors Journal*, **2019**, 19, 4672-4679	4	9
124	A Streaming Cloud Platform for Real-Time Video Processing on Embedded Devices. *IEEE Transactions on Cloud Computing*, **2019**, 1-1	3.3	10
123	User stateless privacy-preserving TPA auditing scheme for cloud storage. *Journal of Network and Computer Applications*, **2019**, 129, 62-70	7.9	11
122	Association Rule-Based Breast Cancer Prevention and Control System. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 1106-1114	4.5	2
121	A Miniaturized Polarization Insensitive Frequency Selective Surface at Ka-band **2019**,		1
120	Analysis of Blockchain Solutions for IoT: A Systematic Literature Review. *IEEE Access*, **2019**, 7, 58822-58835	3.5	65
119	An improved clustering algorithm and its application in IoT data analysis. *Computer Networks*, **2019**, 159, 63-72	5.4	5
118	A semantic-based inference control algorithm for OWL repository privacy protection. *Computer Networks*, **2019**, 156, 1-8	5.4	1
117	PersoNet: Friend Recommendation System Based on Big-Five Personality Traits and Hybrid Filtering. *IEEE Transactions on Computational Social Systems*, **2019**, 6, 394-402	4.5	26
116	Cooperative Privacy Preservation for Wearable Devices in Hybrid Computing-Based Smart Health. *IEEE Internet of Things Journal*, **2019**, 6, 1352-1362	10.7	25
115	Edge Computing-Based ID and nID Combined Identification and Resolution Scheme in IoT. *IEEE Internet of Things Journal*, **2019**, 6, 6811-6821	10.7	13
114	Physical unclonable functions based secret keys scheme for securing big data infrastructure communication. *Information Sciences*, **2019**, 503, 307-318	7.7	5
113	Customer Classification-Based Pre-sale Multi-value-chain Collaborative Mechanism Verification. *Lecture Notes in Computer Science*, **2019**, 86-97	0.9	

112	sEMG-Based Fatigue Detection for Mobile Phone Users. *Communications in Computer and Information Science*, **2019**, 528-541	0.3	0
111	A Method of Vehicle Fault Diagnosis Supporting Multi-value-chain Collaboration. *Lecture Notes in Computer Science*, **2019**, 32-43	0.9	
110	Geriatric Disease Reasoning Based on Knowledge Graph. *Communications in Computer and Information Science*, **2019**, 452-465	0.3	1
109	A Review of Internet of Things Major Education in China. *Communications in Computer and Information Science*, **2019**, 389-404	0.3	0
108	Indoor Activity Recognition by Using Recurrent Neural Networks. *Communications in Computer and Information Science*, **2019**, 205-215	0.3	2
107	A hybrid approach to inferring the Internet of Things for complex activity recognition. *Eurasip Journal on Wireless Communications and Networking*, **2019**, 2019,	3.2	2
106	An Incremental Broad Learning Approach for Semi-Supervised Classification **2019**,		5
105	Enhanced Timestamp Scheme for Mitigating Replay Attacks in Secure ZigBee Networks **2019**,		2
104	CPG-FS: A CPU Performance Graph Based Device Fingerprint Scheme for Devices Identification and Authentication **2019**,		2
103	A Distributed Video Analytics Architecture Based on Edge-Computing and Federated Learning **2019** ,		1
102	Emergency Message Dissemination Schemes Based on Congestion Avoidance in VANET and Vehicular FoG Computing. *IEEE Access*, **2019**, 7, 1570-1585	3.5	40
101	A novel ontology consistent with acknowledged standards in smart homes. *Computer Networks*, **2019**, 148, 101-107	5.4	14
100	An Attribute Credential Based Public Key Scheme for Fog Computing in Digital Manufacturing. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2297-2307	11.9	28
99	Novel spoof surface plasmon polaritons on a planar metallic strip with periodic semi-elliptical grooves at microwave frequency. *Journal of Electromagnetic Waves and Applications*, **2019**, 33, 125-137	1.3	2
98	An Open Internet of Things System Architecture Based on Software-Defined Device. *IEEE Internet of Things Journal*, **2019**, 6, 2583-2592	10.7	24
97	A review of the smart world. *Future Generation Computer Systems*, **2019**, 96, 678-691	7.5	31
96	SIGMM: A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2349-2359	11.9	49
95	. *IEEE Internet of Things Journal*, **2018**, 5, 1843-1856	10.7	19

94	Introduction to the IEEE CIS TC on Smart World (SWTC) [Society Briefs]. *IEEE Computational Intelligence Magazine*, **2018**, 13, 7-9	5.6	2
93	A unified face identification and resolution scheme using cloud computing in Internet of Things. *Future Generation Computer Systems*, **2018**, 81, 582-592	7.5	31
92	Selective disclosure and yoking-proof based privacy-preserving authentication scheme for cloud assisted wearable devices. *Future Generation Computer Systems*, **2018**, 78, 976-986	7.5	8
91	Learning enhanced differential evolution for tracking optimal decisions in dynamic power systems. *Applied Soft Computing Journal*, **2018**, 67, 812-821	7.5	11
90	A Survey of Data Semantization in Internet of Things. *Sensors*, **2018**, 18,	3.8	36
89	A survey of RDF management technologies and benchmark datasets. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 9, 1693-1704	3.7	14
88	Recent advancements in surface plasmon polaritons-plasmonics in subwavelength structures in microwave and terahertz regimes. *Digital Communications and Networks*, **2018**, 4, 244-257	5.9	28
87	An Efficient Jaya Algorithm for Resource Allocation in the Cognitive-Radio-Networks-Aided Internet of Things **2018**,		1
86	Social relationship for physical objects. *International Journal of Distributed Sensor Networks*, **2018**, 14, 155014771875496	1.7	4
85	An Improved Clustering Algorithm and Its Application in WeChat Sports Users Analysis. *Procedia Computer Science*, **2018**, 129, 166-174	1.6	4
84	Cyber-Enabled Human-Centric Smart Home Architecture **2018**,		10
83	Users' Privacy Concerns in IoT Based Applications **2018**,		13
82	Frequency Selective Surfaces: A Review. *Applied Sciences (Switzerland)*, **2018**, 8, 1689	2.6	68
81	FoG Assisted Secure De-duplicated Data Dissemination in Smart Healthcare IoT **2018**,		17
80	Resource Allocation in the Cognitive Radio Network-Aided Internet of Things for the Cyber-Physical-Social System: An Efficient Jaya Algorithm. *Sensors*, **2018**, 18,	3.8	3
79	Distributed Multiparty Key Management for Efficient Authentication in the Internet of Things. *IEEE Access*, **2018**, 6, 29460-29473	3.5	9
78	Cyber-Syndrome and its Formation, Classification, Recovery and Prevention. *IEEE Access*, **2018**, 6, 35501-35511	3.5	11
77	Toward Emergency Indoor Localization: Maximum Correntropy Criterion Based Direction Estimation Algorithm for Mobile TOA Rotation Anchor. *IEEE Access*, **2018**, 6, 35867-35878	3.5	5

76	Security and Privacy Preservation Scheme of Face Identification and Resolution Framework Using Fog Computing in Internet of Things. *IEEE Internet of Things Journal*, **2017**, 4, 1143-1155	10.7	138
75	Cyberlogic Paves the Way From Cyber Philosophy to Cyber Science. *IEEE Internet of Things Journal*, **2017**, 4, 783-790	10.7	9
74	A Secure Time Synchronization Protocol Against Fake Timestamps for Large-Scale Internet of Things. *IEEE Internet of Things Journal*, **2017**, 4, 1879-1889	10.7	19
73	Secure Authentication and Prescription Safety Protocol for Telecare Health Services Using Ubiquitous IoT. *Applied Sciences (Switzerland)*, **2017**, 7, 1069	2.6	18
72	Survey on fog computing: architecture, key technologies, applications and open issues. *Journal of Network and Computer Applications*, **2017**, 98, 27-42	7.9	415
71	Thing Relation Modeling in the Internet of Things. *IEEE Access*, **2017**, 5, 17117-17125	3.5	12
70	A Data-Driven Robustness Algorithm for the Internet of Things in Smart Cities **2017**, 55, 18-23		15
69	DPCA: Data Prioritization and Capacity Assignment in Wireless Sensor Networks. *IEEE Access*, **2017**, 5, 14991-15000	3.5	8
68	Using trust model to ensure reliable data acquisition in VANETs. *Ad Hoc Networks*, **2017**, 55, 107-118	4.8	79
67	An architecture for aggregating information from distributed data nodes for industrial internet of things. *Computers and Electrical Engineering*, **2017**, 58, 337-349	4.3	46
66	Fog Computing Based Face Identification and Resolution Scheme in Internet of Things. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 1910-1920	11.9	144
65	A Polynomial Subset-Based Efficient Multi-Party Key Management System for Lightweight Device Networks. *Sensors*, **2017**, 17,	3.8	16
64	Internet Use and Its Impact on Individual Physical Health. *IEEE Access*, **2016**, 4, 5135-5142	3.5	13
63	Physical Unclonable Function Based Authentication Protocol for Unit IoT and Ubiquitous IoT **2016**,		7
62	The yoking-proof-based authentication protocol for cloud-assisted wearable devices. *Personal and Ubiquitous Computing*, **2016**, 20, 469-479	2.1	35
61	An Energy-Balanced Heuristic for Mobile Sink Scheduling in Hybrid WSNs. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 28-40	11.9	70
60	A kernel machine-based secure data sensing and fusion scheme in wireless sensor networks for the cyber-physical systems. *Future Generation Computer Systems*, **2016**, 61, 85-96	7.5	87
59	Cybermatics: Cyber–Physical–Social–Thinking hyperspace based science and technology. *Future Generation Computer Systems*, **2016**, 56, 504-522	7.5	98

58	Supply and Demand Oriented Energy Management in the Internet of Things. *Advances in Internet of Things*, **2016**, 06, 1-17	2.6	4
57	Attention Inspired Resource Allocation for Heterogeneous Sensors in Internet of Things **2016**, 261-273		
56	Lightweight Two-Level Session Key Management for End User Authentication in Internet of Things **2016**,		12
55	STLF: Spatial-temporal-logical knowledge representation and object mapping framework **2016**,		4
54	Tree-Code modeling and addressing for non-ID physical objects in the Internet of Things. *Telecommunication Systems*, **2015**, 58, 195-204	2.3	34
53	From Internet to Smart World. *IEEE Access*, **2015**, 3, 1994-1999	3.5	42
52	Guest Editorial Special Issue on Big Data Analytics and Management in Internet of Things. *IEEE Internet of Things Journal*, **2015**, 2, 265-267	10.7	5
51	A systematic methodology for augmenting quality of experience in smart space design. *IEEE Wireless Communications*, **2015**, 22, 81-87	13.4	15
50	Effects of Energy Relaxation via Quantum Coupling Among Three-Dimensional Motion on the Tunneling Current of Graphene Field-Effect Transistors. *Nanoscale Research Letters*, **2015**, 10, 1039	5	1
49	Anonymous Credential-Based Access Control Scheme for Clouds. *IEEE Cloud Computing*, **2015**, 2, 34-43		10
48	. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 241-251	3.7	52
47	. *IEEE Transactions on Parallel and Distributed Systems*, **2015**, 26, 657-667	3.7	69
46	Physical Modeling of Gate-Controlled Schottky Barrier Lowering of Metal-Graphene Contacts in Top-Gated Graphene Field-Effect Transistors. *Scientific Reports*, **2015**, 5, 18307	4.9	12
45	A novel combinatorial triangle-type AMC structure for RCS reduction. *Microwave and Optical Technology Letters*, **2015**, 57, 2728-2732	1.2	10
44	Top Challenges for Smart Worlds: A Report on the Top10Cs Forum. *IEEE Access*, **2015**, 3, 2475-2480	3.5	7
43	IEEE Access Special Section Editorial: Challenges for Smart Worlds. *IEEE Access*, **2015**, 3, 3153-3156	3.5	
42	Cybermatics: A Holistic Field for Systematic Study of Cyber-Enabled New Worlds. *IEEE Access*, **2015**, 3, 2270-2280	3.5	18
41	Cyber-physical-social-thinking space based science and technology framework for the Internet of Things. *Science China Information Sciences*, **2015**, 58, 1-19	3.4	62

40	Bird strike risk evaluation at airports. *Aircraft Engineering and Aerospace Technology*, **2014**, 86, 129-137	5	12
39	. *IEEE Transactions on Information Forensics and Security*, **2014**, 9, 208-220	8	80
38	Guest Editorial Special Issue on Wireless Sensor Systems for Space and Extreme Environments. *IEEE Sensors Journal*, **2014**, 14, 3737-3737	4	
37	. *IEEE Transactions on Parallel and Distributed Systems*, **2013**, 24, 1321-1330	3.7	35
36	Edge clutter rejection for PPI radar images. *Aircraft Engineering and Aerospace Technology*, **2013**, 86, 19-25	5	
35	L□y flight-based real-time bird strike risk assessment for airports. *Journal of Risk Research*, **2013**, 16, 513-521	4.2	1
34	. *IEEE Transactions on Smart Grid*, **2013**, 4, 99-110	10.7	49
33	Cyberentity Security in the Internet of Things. *Computer*, **2013**, 46, 46-53	1.6	129
32	Human-Attention Inspired Resource Allocation for Heterogeneous Sensors in the Web of Things. *IEEE Intelligent Systems*, **2013**, 28, 20-28	4.2	6
31	. *IEEE Wireless Communications*, **2013**, 20, 66-73	13.4	56
30	Fuzzy Double-Threshold Track Association Algorithm Using Adaptive Threshold in Distributed Multisensor-Multitarget Tracking Systems **2013**,		6
29	A NOVEL MINIATURIZED DUAL-BAND BANDSTOP FILTER USING DUAL-PLANE DEFECTED STRUCTURES. *Progress in Electromagnetics Research*, **2013**, 134, 397-417	3.8	12
28	Transmission resonant frequency and its amplitude prediction for ebg structure based on phase coherence. *Microwave and Optical Technology Letters*, **2012**, 54, 409-412	1.2	
27	A compact quad-band bandstop filter using dual-plane defected structures and open-loop resonators. *IEICE Electronics Express*, **2012**, 9, 1630-1636	0.5	8
26	Space-Time Registration for Physical-Cyber World Mapping in Internet of Things **2012**,		4
25	A Compact Reconfigurable Bandstop Resonator Using Defected Ground Structure on Coplanar Waveguide. *IEEE Antennas and Wireless Propagation Letters*, **2012**, 11, 457-459	3.8	11
24	Miniaturized dual-band bandstop filter using defected microstrip structure and defected ground structure **2012**,		1
23	. *IEEE Transactions on Smart Grid*, **2012**, 3, 1722-1733	10.7	86

22	A survey on gas sensing technology. *Sensors*, **2012**, 12, 9635-65	3.8	834
21	DESIGN OF PLANAR DUAL AND TRIPLE NARROW-BAND BANDSTOP FILTERS WITH INDEPENDENTLY CONTROLLED STOPBANDS AND IMPROVED SPURIOUS RESPONSE. *Progress in Electromagnetics Research*, **2012**, 131, 259-274	3.8	20
20	Dual cryptography authentication protocol and its security analysis for radio frequency identification systems. *Concurrency Computation Practice and Experience*, **2012**, 24, 2040-2054	1.4	1
19	Technology classification, industry, and education for Future Internet of Things. *International Journal of Communication Systems*, **2012**, 25, 1230-1241	1.7	57
18	Flying Bird Detection and Hazard Assessment for Avian Radar System. *Journal of Aerospace Engineering*, **2012**, 25, 246-255	1.4	11
17	Analysis of Resonant Frequency for Electromagnetic Bandgap Structure Based on Phase Coherence. *IETE Journal of Research*, **2012**, 58, 459	0.9	
16	Cyber-Physical-Social Based Security Architecture for Future Internet of Things. *Advances in Internet of Things*, **2012**, 02, 1-7	2.6	92
15	Zero-Knowledge Authentication Protocol Based on Alternative Mode in RFID Systems. *IEEE Sensors Journal*, **2011**, 11, 3235-3245	4	14
14	Group Tracking of Flock Targets in Low-Altitude Airspace **2011**,		3
13	. *IEEE Communications Letters*, **2011**, 15, 461-463	3.8	204
12	Foreign object debris surveillance network for runway security. *Aircraft Engineering and Aerospace Technology*, **2011**, 83, 229-234	5	2
11	Internet of Things: An Emerging Industrial or a New Major? **2011**,		3
10	Bird-aircraft strike avoidance radar. *IEEE Aerospace and Electronic Systems Magazine*, **2010**, 25, 19-28	2.4	11
9	Performance Evaluation of RFID Anti-Collision Algorithm with FPGA Implementation **2007**,		5
8	Mathematical modeling of heat transfer process in a variable domain. *Russian Aeronautics*, **2007**, 50, 164-171	0.3	1
7	RFID coding, name and information service for Internet of things **2007**, 36		5
6	Layered Structure and Management in Internet of Things **2007**,		15
5	RFID-based EPC System and Information Services in Intelligent Transportation System **2006**,		9

4	Unit and Ubiquitous Internet of Things		32
3	Federated learning attack surface: taxonomy, cyber defences, challenges, and future directions. *Artificial Intelligence Review*,1	9.7	1
2	Artificial intelligence in cyber security: research advances, challenges, and opportunities. *Artificial Intelligence Review*,1	9.7	19
1	A survey on personality-aware recommendation systems. *Artificial Intelligence Review*,1	9.7	8