Andrea Sciarrone

List of Publications by Year
in descending order

50	1,152	516710	552781
papers	citations	16	26
		h-index	g-index

50	50	50	1405
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of an IoT-Based Personal Vocal Assistant for Cruise Ships Over Satellite Networks. IEEE Internet of Things Journal, 2022, 9, 14857-14866.	8.7	1
2	Performance Evaluation and Analysis of Drone-Based Vehicle Detection Techniques From Deep Learning Perspective. IEEE Internet of Things Journal, 2022, 9, 10920-10935.	8.7	13
3	Leveraging IoT Wearable Technology Towards Early Diagnosis of Neurological Diseases. IEEE Journal on Selected Areas in Communications, 2021, 39, 582-592.	14.0	13
4	Early Detection of External Neurological Symptoms through a Wearable Smart-Glasses Prototype. Journal of Communications Software and Systems, 2021, 17, 160-168.	0.8	3
5	Special Issue â€œWearable and BAN Sensors for Physical Rehabilitation and eHealth Architecturesâ€. Sensors, 2021, 21, 8509.	3.8	0
6	A Tomographic Multistatic System for Biomedical Microwave Sensing. , 2020, , .		1
7	Computational Complexity Closed-Form Upper Bounds Derivation for Fingerprint-Based Point-of-Interest Recognition Algorithms. IEEE Transactions on Vehicular Technology, 2020, 69, 9083-9096.	6.3	1
8	Variable-Exponent Lebesgue-Space Inversion for Brain Stroke Microwave Imaging. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1882-1895.	4.6	48
9	A Microwave Diagnostic Technique for Early-Stage Brain Stroke Characterization. , 2020, , .		1
10	Outdoor Places of Interest Recognition with WiFi Fingerprint Over Mobile Devices. , 2019, , .		1
11	Outdoor Places of Interest Recognition Using WiFi Fingerprints. IEEE Transactions on Vehicular Technology, 2019, 68, 5076-5086.	6.3	18
12	Fast Multiattribute Network Selection Technique for Vertical Handover in Heterogeneous Emergency Communication Systems. Wireless Communications and Mobile Computing, 2019, 2019, 1-17.	1.2	10
13	Computational Complexity Upper Bounds For Fingerprint-Based Point-Of-Interest Recognition Algorithms. , 2019, , .		0
14	Towards IoT-Based eHealth Services: A Smart Prototype System for Home Rehabilitation. , 2019, , .		3
15	Statistical Analysis of Wireless Traffic: An Adversarial Approach to Drone Surveillance. , 2019, , .		4
16	When eHealth Meets IoT: A Smart Wireless System for Post-Stroke Home Rehabilitation. IEEE Wireless Communications, 2019, 26, 24-29.	9.0	42
17	Blind Detection: Advanced Techniques for WiFi-Based Drone Surveillance. IEEE Transactions on Vehicular Technology, 2019, 68, 938-946.	6.3	88
18	Joint Coding and Multicast Subgrouping Over Satellite-eMBMS Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1004-1016.	14.0	34

#	Article	IF	Citations
19	A numerical study concerning brain stroke detection by microwave imaging systems. Multimedia Tools and Applications, 2018, 77, 9341-9363.	3.9	30
20	Performance evaluation of Application Layer Joint Coding solutions for video transmissions between Mobile Devices over the Internet of Things. Computer Communications, 2018, 118, 50-59.	5.1	6
21	An Imaging Technique for Brain Stroke Monitoring at Microwaves. , 2018, , .		1
22	WiFi Meets Barometer: Smartphone-Based 3D Indoor Positioning Method. , 2018, , .		12
23	Smart and Robust Speaker Recognition for Context-Aware In-Vehicle Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 8808-8821.	6.3	27
24	Ultrasounds-Based Context Sensing Method and Applications Over the Internet of Things. IEEE Internet of Things Journal, 2018, 5, 3876-3890.	8.7	17
25	Brain Stroke Microwave Imaging by Means of a Newton-Conjugate-Gradient Method in <inline-formula> <tex-math notation="LaTeX">L^{p} </tex-math> </inline-formula> Banach Spaces. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 3668-3682.	4.6	58
26	An AP-Centred Smart Probabilistic Fingerprint System for Indoor Positioning. , 2018, , .		6
27	Exploiting Context-Aware Capabilities over the Internet of Things for Industry 4.0 Applications. IEEE Network, 2018, 32, 101-107.	6.9	44
28	Contextâ€awareness over transient cloud in D2D networks: energy performance analysis and evaluation. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3002.	3.9	14
29	Speaker Recognition Exploiting D2D Communications Paradigm: Performance Evaluation of Multiple Observations Approaches. Mobile Networks and Applications, 2017, 22, 1045-1057.	3.3	5
30	Enabling IoT for In-Home Rehabilitation: Accelerometer Signals Classification Methods for Activity and Movement Recognition. IEEE Internet of Things Journal, 2017, 4, 135-146.	8.7	141
31	Performance analysis of smart audio pre-processing for noise-robust text-independent speaker recognition. , 2017, , .		1
32	Microwave data inversion in hemorrhagic brain stroke imaging: A Newton-conjugate-gradient based approach in LpBanach spaces (Invited paper). , 2017, , .		0
33	Enhancing Speaker Recognition with Multiple Observations over Mobile Networks. , 2016, , .		1
34	Enabling smartphone-centric platforms for in-home rehabilitation: A comparison among movement recognition approaches. , 2016, , .		1
35	Smart Probabilistic Fingerprinting for Indoor Localization over Fog Computing Platforms. , 2016, , .		33
36	A new asset tracking architecture integrating RFID, Bluetooth Low Energy tags and ad hoc smartphone applications. Pervasive and Mobile Computing, 2016, 31, 79-93.	3.3	34

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37	Smart probabilistic fingerprinting for WiFi-based indoor positioning with mobile devices. Pervasive and Mobile Computing, 2016, 31, 107-123.	3.3	70
38	Asset Tracking Solution with BLE and Smartphones: An Energy/Position Accuracy Trade-Off. , 2015, , .		4
39	Smartphone-centric ambient assisted living platform for patients suffering from co-morbidities monitoring. , 2015, 53, 34-41.		52
40	SPECTRA: A SPEech proCessing plaTform as smaRtphone Application. , 2015, , .		7
41	A smartphoneâ€‌centric platform for remote health monitoring of heart failure. International Journal of Communication Systems, 2015, 28, 1753-1771.	2.5	46
42	Asset Tracking Solution with BLE and Smartphones: An Energy/Position Accuracy Trade-Off. , 2014, , .		0
43	Comparison of situation awareness algorithms for remote health monitoring with smartphones. , 2014, , .		14
44	A Trainingless WiFi Fingerprint Positioning Approach Over Mobile Devices. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 832-835.	4.0	79
45	Context Awareness over Transient Clouds. , 2014, , .		0
46	GPS/HPS-and Wi-Fi Fingerprint-Based Location Recognition for Check-In Applications Over Smartphones in Cloud-Based LBSs. IEEE Transactions on Multimedia, 2013, 15, 858-869.	7.2	58
47	Energy efficient WiFi-based fingerprinting for indoor positioning with smartphones. , 2013, , .		22
48	Gender-Driven Emotion Recognition Through Speech Signals For Ambient Intelligence Applications. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 244-257.	4.6	73
49	Smartphone-based automatic place recognition with Wi-Fi signals for location-aware services. , 2012, , .		6
50	Speaker Count application for smartphone platforms. , 2010, , .		9