Soyeon Jeong

List of Publications by Year
in descending order

11 papers	188 citations	1684188 5 h-index	2053705 5 g-index
11 all docs	11 docs citations	11 times ranked	207 citing authors

#	ARTICLE	IF	CITATIONS
1	A Machine Learning Approach-based Chipless RFID System for Robust Detection in Real-world Implementations. , 2021, , .		3
2	Machine Learning Approach for Wirelessly Powered RFID-Based Backscattering Sensor System. IEEE Journal of Radio Frequency Identification, 2020, 4, 186-194.	2.3	19
3	Foreign Object Detection for Wireless Power Transfer Based on Machine Learning. , 2020, , .		11
4	Read/Interrogation Enhancement of Chipless RFIDs Using Machine Learning Techniques. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2272-2276.	4.0	13
5	Range-adaptive Impedance Matching of Wireless Power Transfer System Using a Machine Learning Strategy Based on Neural Networks. , 2019, , .		9
6	A Real-Time Range-Adaptive Impedance Matching Utilizing a Machine Learning Strategy Based on Neural Networks for Wireless Power Transfer Systems. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5340-5347.	4.6	34
7	Design of a novel wireless power system using machine learning techniques for drone applications. , 2017, , .		17
8	A Novel Heuristic Passive and Active Matching Circuit Design Method for Wireless Power Transfer to Moving Objects. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1094-1102.	4.6	20
9	Heuristic passive and active matching circuit design method for wireless power transfer for moving objects. , 2016, , .		6
10	A Real-Time Electrically Controlled Active Matching Circuit Utilizing Genetic Algorithms for Wireless Power Transfer to Biomedical Implants. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 365-374.	4.6	50
11	A real-time electrically controlled active matching circuit utilizing genetic algorithms for biomedical WPT applications. , 2015, , .		6