

Steven Dufour

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

110
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-Stage Detection of Melanoma Skin Cancer Using Contactless Millimeter-Wave Sensors. IEEE Sensors Journal, 2020, 20, 7310-7317.	4.7	43
2	Accurate and Robust CW-LFM Radar Sensor: Transceiver Front-End Design and Implementation. IEEE Sensors Journal, 2019, 19, 1943-1950.	4.7	17
3	A 77-GHz Six-Port Sensor for Accurate Near-Field Displacement and Doppler Measurements. Sensors, 2018, 18, 2565.	3.8	15
4	Machine Learning Based Object Classification and Identification Scheme Using an Embedded Millimeter-Wave Radar Sensor. Sensors, 2021, 21, 4291.	3.8	11
5	A Convolutional Neural Network for Human Motion Recognition and Classification Using a Millimeter-Wave Doppler Radar. IEEE Sensors Journal, 2022, 22, 4494-4502.	4.7	10
6	A Three-Dimensional Discontinuous Galerkin Time-Domain Finite Element Method for Electromagnetic Modeling of Wireless Power Transfer Coils. IEEE Open Journal of the Industrial Electronics Society, 2021, 2, 360-371.	6.8	8
7	A Hybrid LSTM-ResNet Deep Neural Network for Noise Reduction and Classification of V-Band Receiver Signals. IEEE Access, 2022, 10, 14797-14806.	4.2	5
8	Analyzing Rectangular Coil Wireless Power Transfer Based on Time Domain Discontinue Galerkin Method. , 2021, , .		1
9	3-D Numerical Modeling for the Magnetization of Superconductors Using a Local Discontinuous Galerkin Finite Element Method. IEEE Transactions on Magnetics, 2019, 55, 1-11.	2.1	0