

# Nuno R Leonor

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

115  
citations

1478505

6  
h-index

1372567

10  
g-index

20  
all docs

20  
docs citations

20  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 2D Ray-Tracing Based Model for Micro- and Millimeter-Wave Propagation Through Vegetation. IEEE Transactions on Antennas and Propagation, 2014, 62, 6443-6453.	5.1	28
2	A 2D Ray-Tracing Based Model for Wave Propagation Through Forests at Micro-and Millimeter Wave Frequencies. IEEE Access, 2018, 6, 32097-32108.	4.2	15
3	A Three-Dimensional Directive Antenna Pattern Interpolation Method. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 881-884.	4.0	14
4	A 3-D Model for Millimeter-Wave Propagation Through Vegetation Media Using Ray-Tracing. IEEE Transactions on Antennas and Propagation, 2019, 67, 4313-4318.	5.1	10
5	A Simple Model for Average Reradiation Patterns of Single Trees Based on Weighted Regression at 60 GHz. IEEE Transactions on Antennas and Propagation, 2015, 63, 5113-5118.	5.1	9
6	Real-time high-resolution radio frequency channel sounder based on the sliding correlation principle. IET Microwaves, Antennas and Propagation, 2015, 9, 837-846.	1.4	9
7	Estimation of dielectric concrete properties from power measurements at 18.7 and 60 GHz. , 2011, , .		7
8	A Framework for the Analysis of Wildfire Effects in Emergency Communication Systems. , 2018, , .		5
9	Extension of the dRET Model to Include Scattering from Tree Trunks in Microcell Urban Mobile Scenarios. , 2010, , .		3
10	Extension of the dRET Model to Forests of Thin Cylinders. IEEE Transactions on Antennas and Propagation, 2015, 63, 4049-4056.	5.1	3
11	A Two-Dimensional Ray-Tracing-Based Model for Propagation Through Vegetation: A practical assessment using ornamental plants at 60 GHz. [Wireless Corner]. IEEE Antennas and Propagation Magazine, 2017, 59, 145-150.	1.4	3
12	Satellite-Terrestrial Channel Characterization in High-Speed Railway Environment at 22.6 GHz. Radio Science, 2020, 55, e2019RS006995.	1.6	3
13	60 GHz channel characterisation and key performance evaluation of HD video transmission. IET Microwaves, Antennas and Propagation, 2016, 10, 1298-1303.	1.4	2
14	A Discrete RET Model for Millimeter-Wave Propagation Through Vegetation. IEEE Transactions on Antennas and Propagation, 2018, 66, 1985-1998.	5.1	2
15	Disruptive Future of Radar Based on All-Digital PN Signal Processing. , 2019, , .		2
16	A simple scattering model for tree trunks. , 2011, , .		0
17	Modelling and measurements of the directional spectra of scatter signals inside a formation of tree trunks. , 2011, , .		0
18	A feasibility study on the extension of the point scatterer formulation to raised canopy forests. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Input parameter extraction method for point scatterer formulation in vegetation media at millimetre-wave frequencies. IET Microwaves, Antennas and Propagation, 2017, 11, 165-170.	1.4	0
20	Benchmark of radio propagation path loss models applied to line-of-trees at 10, 36 and 60 GHz. , 2019, , .		0