

# Rezvan Rafiee Alavi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/811763/publications.pdf>

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11  
papers

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1684188  
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docs citations

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times ranked

50  
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#	ARTICLE	IF	CITATIONS
1	Numerical and Experimental Assessment of Source Reconstruction for Very Near-Field Measurements With an Array of $H$ -Field Probes. IEEE Transactions on Antennas and Propagation, 2018, 66, 1311-1320.	5.1	23
2	Detection of the Defective Vias in SIW Circuits From Single/Array Probe(s) Data Using Source Reconstruction Method and Machine Learning. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3757-3770.	4.6	13
3	An Adaptive Data Acquisition and Clustering Technique to Enhance the Speed of Spherical Near-Field Antenna Measurements. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2325-2329.	4.0	13
4	RWG MoM via a locally corrected Nyström method in near-field to far-field transformation using very-near-field measurement. IET Microwaves, Antennas and Propagation, 2018, 12, 145-153.	1.4	8
5	Range Extension in Partial Spherical Near-Field Measurement Using Machine Learning Algorithm. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2003-2007.	4.0	5
6	An Adaptive Data Acquisition Technique to Enhance the Speed of Near-Field Antenna Measurement. IEEE Transactions on Antennas and Propagation, 2022, 70, 5873-5883.	5.1	4
7	Fast and Accurate Near-Field to Far-Field Transformation Using an Adaptive Sampling Algorithm and Machine Learning. , 2019, , .		3
8	First-Order Correction and Equivalent Source Reconstruction Assessment for Practical Multiplane Magnetic Near-Field Measurements. IEEE Transactions on Antennas and Propagation, 2020, 68, 6479-6482.	5.1	3
9	Linear-linear basis functions for source reconstruction using magnetic-field integral equations in very-near-field measurements. , 2017, , .		2
10	Locally corrected Nyström technique and its relationship with RWG method of moment for current reconstruction using very-near-field measurements. , 2017, , .		1
11	Frequency Domain Interpolation for Filtering the Undesired Coupling Effect in the NF Antenna Characterization Setup. , 2021, , .		0