

# Song Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Hybrid Characterization of Nanolitre Dielectric Fluids in a Single Microfluidic Channel Up to 110 GHz. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5063-5073.	4.6	29
2	A Multistate Single-Connection Calibration for Microwave Microfluidics. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1099-1107.	4.6	24
3	A Modeling Procedure of the Broadband Dielectric Spectroscopy for Ionic Liquids. IEEE Transactions on Nanobioscience, 2018, 17, 387-393.	3.3	19
4	Sensitivity Analysis of Broadband On-Wafer Dielectric Spectroscopy of Yeast Cell Suspensions up to 110 GHz. IEEE Microwave and Wireless Components Letters, 2015, 25, 199-201.	3.2	15
5	New Methods for Series-Resistor Calibrations on Substrates With Losses Up to 110 GHz. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4287-4297.	4.6	11
6	A General Line-Plane Method for Dielectric Material Characterization Using Conductors With the Same Cross-Sectional Geometry. IEEE Microwave and Wireless Components Letters, 2018, 28, 356-358.	3.2	11
7	A Simplified Dielectric Material Characterization Algorithm for Both Liquids and Solids. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1639-1646.	2.2	6
8	A Multiline Multimaterial Calibration Method for Liquid Characterization. IEEE Microwave and Wireless Components Letters, 2018, 28, 732-734.	3.2	5
9	General method of seven-term statistical calibration with partially defined standards. , 2014, , .		2