

# Yan Cui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9772/publications.pdf>

Version: 2024-02-01

9  
papers

135  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple, tunable, and highly sensitive radio-frequency sensor. Applied Physics Letters, 2013, 103, 62906.	3.3	34
2	The Design and Operation of Ultra-Sensitive and Tunable Radio-Frequency Interferometers. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 3172-3182.	4.6	32
3	A Tunable High-Q Microwave Detector for On-Column Capillary Liquid Chromatography. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5978-5980.	4.7	22
4	A Quadrature-Based Tunable Radio-Frequency Sensor for the Detection and Analysis of Aqueous Solutions. IEEE Microwave and Wireless Components Letters, 2014, 24, 490-492.	3.2	16
5	Analyzing Single Giant Unilamellar Vesicles With a Slotline-Based RF Nanometer Sensor. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1339-1347.	4.6	9
6	Auto-Tuning and Self-Calibration of High-Sensitivity Radio Frequency Interferometers. IEEE Microwave and Wireless Components Letters, 2016, 26, 957-959.	3.2	8
7	Microwave measurement of giant unilamellar vesicles in aqueous solution. Scientific Reports, 2018, 8, 497.	3.3	7
8	Microwave Measurement of Bovine Serum Albumin Solutions Based on High-Q/High-Resolution Resonator. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3954-3963.	4.6	6
9	Slow Microwave Sensor Based on Engineered $\hat{1}/x$ -Like Function Transmission for Improved Sensitivity. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-4.	4.7	1