

# Jian-Yu Li

## List of Publications by Year in descending order

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12  
papers

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citations

1478505

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docs citations

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times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Antenna Doppler Radars Using Self and Mutual Injection Locking for Vital Sign Detection With Random Body Movement Cancellation. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 3577-3587.	4.6	145
2	A Novel Vital-Sign Sensor Based on a Self-Injection-Locked Oscillator. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 4112-4120.	4.6	106
3	Detection of Concealed Individuals Based on Their Vital Signs by Using a See-Through-Wall Imaging System With a Self-Injection-Locked Radar. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 696-704.	4.6	97
4	Concurrent Vital Sign and Position Sensing of Multiple Individuals Using Self-Injection-Locked Tags and Injection-Locked I/Q Receivers With Arctangent Demodulation. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4689-4699.	4.6	34
5	High Average-Efficiency Multimode RF Transmitter Using a Hybrid Quadrature Polar Modulator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 249-253.	3.0	20
6	Design and Linearization of Class-E Power Amplifier for Nonconstant Envelope Modulation. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 957-964.	4.6	19
7	Seeing through walls with a self-injection-locked radar to detect hidden people. , 2012, , .		11
8	High efficiency dual-mode RF transmitter using envelope-tracking dual-band Class-E power amplifier for W-CDMA/WiMAX systems. , 2009, , .		8
9	System Design Issues in a HQPM-Based Transmitter. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	4
10	Mutual injection-locked SIL sensor array for vital sign detection with random body movement cancellation. , 2011, , .		3
11	Combining SIL tag and IL receiver for concurrent vital sign and position sensing. , 2013, , .		3
12	Design and linearization of Class-E power amplifier for non-constant envelope modulation. , 2008, , .		2