

# Mohsen Sazegar

## List of Publications by Year in descending order

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papers

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docs citations

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times ranked

436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beam Steering Transmitarray Using Tunable Frequency Selective Surface With Integrated Ferroelectric Varactors. IEEE Transactions on Antennas and Propagation, 2012, 60, 5690-5699.	5.1	127
2	Low-Cost Phased-Array Antenna Using Compact Tunable Phase Shifters Based on Ferroelectric Ceramics. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1265-1273.	4.6	82
3	Characterization of metal (Fe, Co, Ni, Cu) and fluorine codoped barium strontium titanate thick-films for microwave applications. Journal of Electroceramics, 2010, 24, 345-354.	2.0	45
4	Compact Substrate Integrated Waveguide Tunable Filter Based on Ferroelectric Ceramics. IEEE Microwave and Wireless Components Letters, 2011, 21, 477-479.	3.2	35
5	Effects of ZnO <sup>2+</sup> O <sup>3+</sup> Addition on the Microstructure and Microwave Properties of Low-temperature Sintered Barium Strontium Titanate (BST) Thick Films. International Journal of Applied Ceramic Technology, 2013, 10, E200.	2.1	28
6	Nonlinear ceramics for tunable microwave devices. Microsystem Technologies, 2011, 17, 213-224.	2.0	26
7	Compact Tunable Phase Shifters on Screen-Printed BST for Balanced Phased Arrays. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 3331-3337.	4.6	24
8	Fully Screen-Printed Tunable Microwave Components Based on Optimized Barium Strontium Titanate Thick Films. International Journal of Applied Ceramic Technology, 2015, 12, E96.	2.1	19
9	A wireless chipless temperature sensor utilizing an orthogonal polarized backscatter scheme. , 2012, , .		12
10	Constraints on Efficient Control of Tunable Impedance Matching Network Based on Barium-Strontium-Titanate Thick-Film Varactors. , 2008, , .		10
11	Compact artificial line phase shifter on ferroelectric thick-film ceramics. , 2010, , .		8
12	Wireless Temperature Sensing with BST-Based Chipless Transponder Utilizing a Passive Phase Modulation Scheme. Frequenz, 2011, 65, .	0.9	8
13	Fully printed tunable phase shifter for L/S-band phased array application. , 2014, , .		8
14	Tunable impedance matching networks for agile RF power amplifiers. , 2011, , .		7
15	Compact left handed coplanar strip line phase shifter on screen printed BST. , 2011, , .		7
16	Discrete tunable RF-power GaN-BST transistors. , 2012, , .		7
17	Tunable RF GaN-power transistor implementing impedance matching networks based on BST thick films. , 2012, , .		6
18	Load modulation for high power applications based on printed ceramics. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
19	Electrically tunable composite right/left handed transmission-line based on open resonators and Barium-Stronium-Titanate thick films. , 2011, , .		4
20	Tunable ferroelectric impedance matching networks and their impact on digital modulation system performance. AEU - International Journal of Electronics and Communications, 2013, 67, 1107-1117.	2.9	4
21	Antenna bandwidth enhancement by ferroelectric tunable matching network. , 2008, , .		1