

# Javad Ghalibafan

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

162  
citations

1307594

7  
h-index

1199594

12  
g-index

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13  
docs citations

13  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	A partially ferrite-filled rectangular waveguide with CRLH response and its application to a magnetically scannable antenna. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 491, 165551.	2.3	23
2	An Integrated EMI Choke With Improved DM Inductance. <i>IEEE Transactions on Power Electronics</i> , 2021, 36, 1646-1658.	7.9	23
3	Scannable Leaky-Wave Antenna Based on Ferrite-Blade Waveguide Operated Below the Cutoff Frequency. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-10.	2.1	21
4	Backfire-to-endfire scanning capability of a balanced metamaterial structure based on slotted ferrite-filled waveguide. <i>Waves in Random and Complex Media</i> , 2021, 31, 1211-1225.	2.7	20
5	Unbalanced CRLH behavior of ferrite-loaded waveguide operated below cutoff frequency. <i>Waves in Random and Complex Media</i> , 2022, 32, 755-770.	2.7	17
6	Magnetically scannable slotted waveguide antenna based on the ferrite with gain enhancement. <i>Waves in Random and Complex Media</i> , 0, , 1-11.	2.7	17
7	Tunable ferrite-based metamaterial structure and its application to a leaky-wave antenna. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 456, 223-227.	2.3	16
8	Impedance matching and efficiency improvement of a dual-band wireless power transfer system using variable inductance and coupling method. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 116, 153085.	2.9	8
9	Ferrite-based wideband circularly polarized microstrip antenna design. <i>ETRI Journal</i> , 2019, 41, 289-297.	2.0	7
10	A comprehensive design analysis of a cost-effective WPT system with a class-E power amplifier and a T-matching network. <i>AEU - International Journal of Electronics and Communications</i> , 2021, 137, 153826.	2.9	4
11	A new compact and wideband CPW-fed sleeve antenna. <i>International Journal of Microwave and Wireless Technologies</i> , 2020, 12, 513-518.	1.9	3
12	A modified magnetic resonance wireless power transfer system for capsule endoscopy. <i>Electromagnetic Biology and Medicine</i> , 2019, 38, 158-167.	1.4	2
13	Analytical calculation for input impedance of a circularly polarized ferrite disk antenna including higher order modes. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21783.	1.2	1