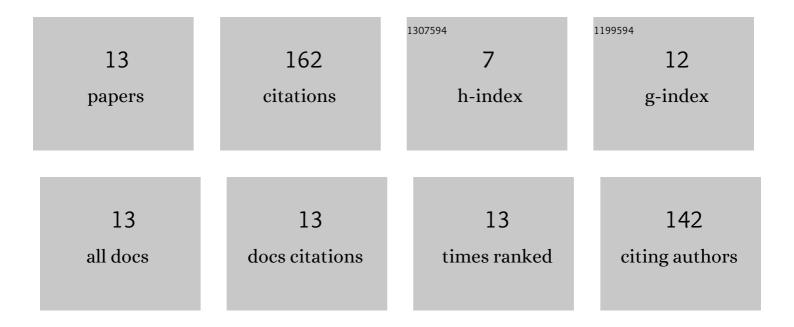
Javad Ghalibafan

List of Publications by Year in descending order

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