Mohammad Soleimani

List of Publications by Year
in descending order

18 papers	372 citations	1163117 8 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	374 citing authors

#	Article	IF	Citations
1	Low-Cost, Low-Profile Wide-Band Radar Cross Section Reduction Using Dual-Concentric Phase Gradient Modulated Surface. Electronics (Switzerland), 2021, 10, 1552.	3.1	2
2	A <scp>circularly polarized</scp>, high aperture efficiency metasurface antenna. Microwave and Optical Technology Letters, 2021, 63, 3027-3034.	1.4	3
3	Ultra-wideband radar cross section reduction using amplitude and phase gradient modulated surface. Journal of Applied Physics, 2020, 128, 205301.	2.5	10
4	Low cost, simple and broad band radar cross section reduction by modulated and holography metasurfaces. Journal Physics D: Applied Physics, 2019, 52, 435003.	2.8	5
5	Practical approaches to designing and fabricating flat lenses. Journal of Applied Physics, 2019, 126, 014901.	2.5	1
6	Multiâ€polarisation electromagnetic energy harvesting with high efficiency. IET Microwaves, Antennas and Propagation, 2018, 12, 2271-2275.	1.4	25
7	Pixelated Metasurface for Dual-Band and Multi-Polarization Electromagnetic Energy Harvesting. Scientific Reports, 2018, 8, 13227.	3.3	82
8	Pixelated Checkerboard Metasurface for Ultra-Wideband Radar Cross Section Reduction. Scientific Reports, 2017, 7, 11437.	3.3	72
9	Evaluation of profiles of an inhomogeneous chiral slab using state transition matrix method. Applied Physics A: Materials Science and Processing, 2015, 121, 1115-1123.	2.3	0
10	State transition matrix of inhomogeneous planar layers. IET Microwaves, Antennas and Propagation, 2015, 9, 301-306.	1.4	7
11	State-transition-matrix method for inverse scattering in one-dimensional inhomogeneous media. Physical Review E, 2014, 90, 053203.	2.1	4
12	Parameter reconstruction of materials with off-diagonal anisotropy using the state transition matrix method. AEU - International Journal of Electronics and Communications, 2014, 68, 877-882.	2.9	5
13	Parameter retrieval of chiral metamaterials based on the state-space approach. Physical Review E, 2013, 88, 023204.	2.1	17
14	Electromagnetic Characterization of Uniaxial Chiral Composites Using State Transition Matrix Method. IEEE Transactions on Antennas and Propagation, 2013, 61, 5658-5665.	5.1	14
15	Parameter retrieval of chiral metamaterials based on the causality principle. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 610-618.	1.2	7
16	On the Miniaturization of Semiplanar Chiral Metamaterial Structures. IEEE Transactions on Antennas and Propagation, 2012, 60, 5768-5776.	5.1	29
17	Dual- and Multiband Chiral Metamaterial Structures With Strong Optical Activity and Negative Refraction Index. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 334-337.	4.0	28
18	IMPROVED PERFORMANCE OF CIRCULARLY POLARIZED ANTENNA USING SEMI-PLANAR CHIRAL METAMATERIAL COVERS. Progress in Electromagnetics Research, 2012, 123, 337-354.	4.4	61