

# Hossein Mehrpour Bernety

## List of Publications by Year in descending order

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14  
papers

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docs citations

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143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband Elliptical Metasurface Cloaks in Printed Antenna Technology. IEEE Transactions on Antennas and Propagation, 2018, 66, 3512-3525.	5.1	57
2	Decoupling and Cloaking of Interleaved Phased Antenna Arrays Using Elliptical Metasurfaces. IEEE Transactions on Antennas and Propagation, 2020, 68, 4997-5002.	5.1	30
3	Analytical Phasing of Arbitrarily Oriented Arrays Using a Fast, Analytical Far-Field Calculation Method. IEEE Transactions on Antennas and Propagation, 2018, 66, 2911-2922.	5.1	11
4	Experimental study of electromagnetic wave scattering from a gyrotropic gaseous plasma column. Applied Physics Letters, 2022, 120, .	3.3	8
5	Comparison of Passive 2-D and 3-D Ring Arrays for Medical Telemetry Focusing. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1189-1193.	4.0	7
6	Mantle cloaking for decoupling of interleaved phased antenna arrays in 5G applications. AIP Conference Proceedings, 2020, , .	0.4	7
7	Performance Analysis of a Helmet-Based Radar System for Impact Prediction. IEEE Access, 2018, 6, 75124-75131.	4.2	6
8	Omnidirectional retroreflective surface using geodesic polyhedra. AIP Advances, 2020, 10, 025302.	1.3	4
9	Field Focusing with Novel Implantable Lens Designs using 3D Printing. , 2018, , .		3
10	Analysis of a helmet-based FMCW radar for impact prediction. , 2017, , .		1
11	Field Focusing for Implanted Medical Devices. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2020, 4, 273-278.	3.4	1
12	Constructive Analytical Phasing (CAP) for Arbitrarily Oriented Arrays of Linearly Polarized Elements. , 2018, , .		0
13	Metasurface Cloaks for Decoupling Closely Spaced Phased Antenna Arrays. , 2019, , .		0
14	Fast Beamforming for Dynamic, Randomly Configured Antenna Arrays and Metamaterials. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2087-2091.	4.0	0