

# Mohammad Hosein Fakheri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1751846/publications.pdf>

Version: 2024-02-01

13  
papers

108  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the acoustic diffraction limit with an arbitrary shape acoustic magnifying lens. Scientific Reports, 2021, 11, 12958.	3.3	3
2	Experimental Verification of Shape-Independent Surface Cloak Enabled by Nihility Transformation Optics. Advanced Optical Materials, 2021, 9, 2100816.	7.3	6
3	Non-closed acoustic cloaking devices enabled by sequential-step linear coordinate transformations. Scientific Reports, 2021, 11, 1845.	3.3	8
4	Angularly Dispersionless Scattering Patterns for Impenetrable Surfaces: A straightforward design based on transformation optics. IEEE Antennas and Propagation Magazine, 2021, 63, 62-74.	1.4	3
5	Experimental demonstration of an arbitrary shape dc electric concentrator. Scientific Reports, 2020, 10, 16722.	3.3	4
6	Feasible Thermodynamics Devices Enabled by Thermal-Null Medium. Physical Review Applied, 2020, 14, .	3.8	12
7	BI-FUNCTIONAL ANTENNA COATING FOR CLOAKING AND DIRECTIVITY ENHANCEMENT MADE OF ISOTROPIC MATERIALS. Progress in Electromagnetics Research M, 2020, 90, 9-18.	0.9	2
8	Geometry free materials enabled by transformation optics for enhancing the intensity of electromagnetic waves in an arbitrary domain. Journal of Applied Physics, 2020, 127, .	2.5	15
9	Exploiting transformation optics for arbitrary manipulation of antenna radiation pattern. IET Microwaves, Antennas and Propagation, 2019, 13, 1271-1279.	1.4	13
10	Application of transformation optics in radar cross section reduction of targets with arbitrary two-dimensional geometries. Journal of Applied Physics, 2019, 125, .	2.5	2
11	Three-dimensional ultra-wideband carpet cloak using multi-layer dielectrics. Microwave and Optical Technology Letters, 2017, 59, 1284-1288.	1.4	8
12	Design of Coating Materials for Cloaking and Directivity Enhancement of Cylindrical Antennas Using Transformation Optics. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3122-3125.	4.0	21
13	Carpet Cloak Design for Rough Surfaces. Chinese Physics Letters, 2017, 34, 084101.	3.3	11