

# Javad Shabanpour

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

171  
citations

8  
h-index

10  
g-index

10  
ext. papers

259  
ext. citations

3.7  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
10	A deep learning approach for inverse design of the metasurface for dual-polarized waves. <i>Applied Physics A: Materials Science and Processing</i> , <b>2021</b> , 127, 1	2.6	8
9	Deep neural network-based automatic metasurface design with a wide frequency range. <i>Scientific Reports</i> , <b>2021</b> , 11, 7102	4.9	11
8	Implementation of conformal digital metasurfaces for THz polarimetric sensing. <i>OSA Continuum</i> , <b>2021</b> , 4, 1372	1.4	8
7	Real-time multi-functional near-infrared wave manipulation with a 3-bit liquid crystal based coding metasurface. <i>Optics Express</i> , <b>2021</b> , 29, 14525-14535	3.3	11
6	Ultrafast reprogrammable multifunctional vanadium-dioxide-assisted metasurface for dynamic THz wavefront engineering. <i>Scientific Reports</i> , <b>2020</b> , 10, 8950	4.9	33
5	Highly sensitive quarter-mode spoof localized plasmonic resonator for dual-detection RF microfluidic chemical sensor. <i>Journal Physics D: Applied Physics</i> , <b>2020</b> , 53, 145401	3	11
4	Full Manipulation of the Power Intensity Pattern in a Large Space-Time Digital Metasurface: From Arbitrary Multibeam Generation to Harmonic Beam Steering Scheme. <i>Annalen Der Physik</i> , <b>2020</b> , 532, 2000321	2.6	10
3	Reconfigurable honeycomb metamaterial absorber having incident angular stability. <i>Scientific Reports</i> , <b>2020</b> , 10, 14920	4.9	14
2	Programmable anisotropic digital metasurface for independent manipulation of dual-polarized THz waves based on a voltage-controlled phase transition of VO <sub>2</sub> microwires. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7189-7199	7.1	22
1	Asymmetric Spatial Power Dividers Using Phase-Amplitude Metasurfaces Driven by Huygens Principle. <i>ACS Omega</i> , <b>2019</b> , 4, 14340-14352	3.9	43