

Javad Shabanpour

List of Publications by Citations

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