

Javad Shabanpour

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

352
citations

932766

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h-index

1372195

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docs citations

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times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast reprogrammable multifunctional vanadium-dioxide-assisted metasurface for dynamic THz wavefront engineering. <i>Scientific Reports</i> , 2020, 10, 8950.	1.6	76
2	Asymmetric Spatial Power Dividers Using Phase-Amplitude Metasurfaces Driven by Huygens Principle. <i>ACS Omega</i> , 2019, 4, 14340-14352.	1.6	52
3	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.	2.7	51
4	Deep neural network-based automatic metasurface design with a wide frequency range. <i>Scientific Reports</i> , 2021, 11, 7102.	1.6	48
5	Real-time multi-functional near-infrared wave manipulation with a 3-bit liquid crystal based coding metasurface. <i>Optics Express</i> , 2021, 29, 14525.	1.7	28
6	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.	1.1	28
7	Reconfigurable honeycomb metamaterial absorber having incident angular stability. <i>Scientific Reports</i> , 2020, 10, 14920.	1.6	25
8	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.	0.9	16
9	Implementation of conformal digital metasurfaces for THz polarimetric sensing. <i>OSA Continuum</i> , 2021, 4, 1372.	1.8	15
10	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.	1.3	13