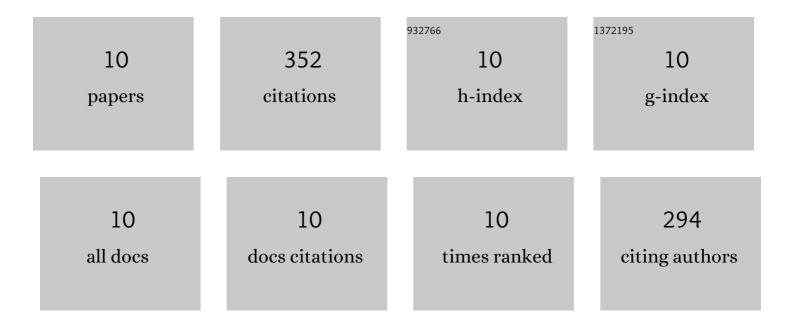
Javad Shabanpour

List of Publications by Year in descending order

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IAVAD SHABANDOUR

#	Article	IF	CITATIONS
1	Ultrafast reprogrammable multifunctional vanadium-dioxide-assisted metasurface for dynamic THz wavefront engineering. Scientific Reports, 2020, 10, 8950.	1.6	76
2	Asymmetric Spatial Power Dividers Using Phase–Amplitude Metasurfaces Driven by Huygens Principle. ACS Omega, 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. Journal of Materials Chemistry C, 2020, 8, 7189-7199.	2.7	51
4	Deep neural network-based automatic metasurface design with a wide frequency range. Scientific Reports, 2021, 11, 7102.	1.6	48
5	Real-time multi-functional near-infrared wave manipulation with a 3-bit liquid crystal based coding metasurface. Optics Express, 2021, 29, 14525.	1.7	28
6	A deep learning approach for inverse design of the metasurface for dual-polarized waves. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	28
7	Reconfigurable honeycomb metamaterial absorber having incident angular stability. Scientific Reports, 2020, 10, 14920.	1.6	25
8	Full Manipulation of the Power Intensity Pattern in a Large Spaceâ€Time Digital Metasurface: From Arbitrary Multibeam Generation to Harmonic Beam Steering Scheme. Annalen Der Physik, 2020, 532, 2000321.	0.9	16
9	Implementation of conformal digital metasurfaces for THz polarimetric sensing. OSA Continuum, 2021, 4, 1372.	1.8	15
10	Highly sensitive quarter-mode spoof localized plasmonic resonator for dual-detection RF microfluidic chemical sensor. Journal Physics D: Applied Physics, 2020, 53, 145401.	1.3	13