

Benjamin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

361
citations

1040056

9
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	A plasma photonic crystal bandgap device. Applied Physics Letters, 2016, 108, .	3.3	98
2	A tunable microwave plasma photonic crystal filter. Applied Physics Letters, 2015, 107, .	3.3	82
3	Waveguiding and bending modes in a plasma photonic crystal bandgap device. AIP Advances, 2016, 6, 065015.	1.3	34
4	Inverse Design of Plasma Metamaterial Devices for Optical Computing. Physical Review Applied, 2021, 16, .	3.8	27
5	3D woodpile structure tunable plasma photonic crystal. Plasma Sources Science and Technology, 2019, 28, 02LT01.	3.1	23
6	A tunable double negative device consisting of a plasma array and a negative-permeability metamaterial. Physics of Plasmas, 2020, 27, 023511.	1.9	21
7	Enhanced attenuation due to lattice resonances in a two-dimensional plasma photonic crystal. Physics of Plasmas, 2018, 25, 124502.	1.9	18
8	Plasma modification of spoof plasmon propagation along metamaterial-air interfaces. Applied Physics Letters, 2017, 111, .	3.3	11
9	Reconfigurable plasma-dielectric hybrid photonic crystal as a platform for electromagnetic wave manipulation and computing. Physics of Plasmas, 2021, 28, .	1.9	10
10	Experimental study of electromagnetic wave scattering from a gyrotropic gaseous plasma column. Applied Physics Letters, 2022, 120, .	3.3	8
11	The gaseous plasmonic response of a one-dimensional photonic crystal composed of striated plasma layers. Physics of Plasmas, 2018, 25, 031902.	1.9	7
12	Need to update cardiological guidelines to prevent COVID-19 related myocardial infarction and ischemic stroke. Cardiology Journal, 2022, 29, 174-175.	1.2	6
13	A microstrip photonic crystal bandgap device with a switchable negative epsilon plasma element. Microwave and Optical Technology Letters, 2017, 59, 3097-3101.	1.4	5
14	Plasma-fixated nitrogen as fertilizer for turf grass. RSC Advances, 2021, 11, 37886-37895.	3.6	3
15	A simple technique to design microfluidic devices for system integration. Analytical Methods, 2017, 9, 6349-6356.	2.7	2