

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