

# Emre Bor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2999586/publications.pdf>

Version: 2024-02-01

22  
papers

187  
citations

1163117

8  
h-index

1199594

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-infrared T-shaped photonic crystal waveguide for optical refractive index sensing. Sensors and Actuators B: Chemical, 2017, 245, 765-773.	7.8	44
2	Ultracompact Photonic Structure Design for Strong Light Confinement and Coupling Into Nanowaveguide. Journal of Lightwave Technology, 2018, 36, 2812-2819.	4.6	34
3	Directional invisibility by genetic optimization. Optics Letters, 2018, 43, 5781.	3.3	19
4	Asymmetric light transmission effect based on an evolutionary optimized semi-Dirac cone dispersion photonic structure. Physical Review B, 2018, 98, .	3.2	18
5	Angular filtering by Bragg photonic microstructures fabricated by physical vapour deposition. Applied Surface Science, 2019, 481, 353-359.	6.1	17
6	Integrated silicon photonic device design by attractor selection mechanism based on artificial neural networks: optical coupler and asymmetric light transmitter. Optics Express, 2018, 26, 29032.	3.4	17
7	Demonstration of carpet cloaking by an anisotropic zero refractive index medium. Optics Letters, 2020, 45, 2423.	3.3	10
8	Photonic crystal based polarization insensitive flat lens. Journal Physics D: Applied Physics, 2017, 50, 275105.	2.8	8
9	Rainbow trapping in a tapered photonic crystal waveguide and its application in wavelength demultiplexing effect. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1249.	2.1	6
10	Design and analysis of all-dielectric subwavelength focusing flat lens. Journal Physics D: Applied Physics, 2017, 50, 38LT02.	2.8	4
11	Zones optimized multilevel diffractive lens for polarization-insensitive light focusing. Journal Physics D: Applied Physics, 2020, 53, 495109.	2.8	4
12	Metaheuristic approach enabled mode order conversion in photonic crystals: numerical design and experimental realization. Journal of Optics (United Kingdom), 2019, 21, 085801.	2.2	2
13	A Broadband Polarization-Insensitive Diffractive Lens Design for Subwavelength Focusing of Light. , 2019, , .		2
14	T-shape slotted photonic crystal based sensor with high sensitivity. , 2016, , .		1
15	Transmission Enhanced Wavelength Demultiplexer Design Based on Photonic Crystal Waveguide with Gradually Varied Width. , 2019, , .		1
16	Photonic crystal sub-wavelength $\lambda/5$ focusing lens design using optimization method. , 2016, , .		0
17	Polarization independent focusing of light by gradually modulated annular photonic structure. , 2016, , .		0
18	Photonic Crystal Spatial Filters Fabricated by Physical Vapour Deposition. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Photonic Wavy Structures for Angular Filtering of Light. , 2019, , .		0
20	Genetically Optimized Design of Ultra-Compact and Highly Efficient Waveguide Crossing, Optical Attenuator and Reflector. , 2019, , .		0
21	Hyperbolic Secant Graded Index Photonic Crystal Flat Lens for Subwavelength Focusing of Light. , 2019, , .		0
22	Photonic Crystal Rectangular Hole Based Nanobeam Cavity Refractive Index Sensor. , 2019, , .		0