

# Javad Zarbakhsh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12148529/publications.pdf>

Version: 2024-02-01

16  
papers

117  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of LDOS and multipole expansion technique in optimization of photonic crystal designs. Optical and Quantum Electronics, 2013, 45, 67-77.	3.3	4
2	OPTIMIZATION OF QUALITY FACTOR IN PHOTONIC CRYSTAL CAVITIES THROUGH FINITE DIFFERENCE TIME DOMAIN AND MULTIPOLE EXPANSION TECHNIQUE. Journal of Nonlinear Optical Physics and Materials, 2013, 22, 1350040.	1.8	1
3	MODE TUNING IN PHOTONIC CRYSTAL CAVITIES USING GEOMETRY OF FIRST NEIGHBORING LAYER. Journal of Nonlinear Optical Physics and Materials, 2012, 21, 1250048.	1.8	2
4	Microscopic stress simulation of non-planar chip technologies. Microelectronics Reliability, 2010, 50, 1666-1671.	1.7	2
5	LOCAL DISPERSION OF GUIDING MODES IN PHOTONIC CRYSTAL WAVEGUIDE INTERFACES AND HETERO-STRUCTURES. Progress in Electromagnetics Research B, 2010, 26, 39-52.	1.0	6
6	Study of local dispersion in photonic crystal waveguide interfaces and hetero-structures. , 2008, , .		0
7	Prediction of wafer bow through thermomechanical simulation of patterned hard coated copper films. , 2008, , .		4
8	Quality factor optimization of photonic crystal cavities through multiple multipole expansion technique and power loss integral. , 2008, , .		2
9	Method of calculating local dispersion in arbitrary photonic crystal waveguides. Optics Letters, 2007, 32, 2915.	3.3	8
10	Advanced impedance matching in photonic crystal waveguides. Optical and Quantum Electronics, 2007, 39, 387.	3.3	10
11	Geometrical freedom for constructing variable size photonic bandgap structures. Optical and Quantum Electronics, 2007, 39, 395-405.	3.3	9
12	A Simple Criterion for Improving the Impedance Matching in Photonic Crystal Waveguides. , 2006, , .		1
13	Local density of states and modes of circular photonic crystal cavities. Physical Review B, 2005, 72, .	3.2	26
14	Geometric Freedom in Photonic Bandgap Structure Designs. , 2005, , .		0
15	Physical and materials aspects of photonic crystals for microwaves and millimetre waves. International Journal of Materials Research, 2004, 95, 618-623.	0.8	9
16	Arbitrary angle waveguiding applications of two-dimensional curvilinear-lattice photonic crystals. Applied Physics Letters, 2004, 84, 4687-4689.	3.3	33