

Sanjeev K Srivastava

List of Publications by Year in descending order

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415
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759055

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34
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Defect Modes in 1d Photonic Crystal Structure Containing High and Low T _c Superconductor as a Defect Layer. Journal of Superconductivity and Novel Magnetism, 2014, 27, 101-114.	0.8	55
2	ENHANCEMENT OF OMNIDIRECTIONAL REFLECTION BANDS IN ONE-DIMENSIONAL PHOTONIC CRYSTALS WITH LEFT-HANDED MATERIALS. Progress in Electromagnetics Research, 2007, 68, 91-111.	1.6	54
3	OMNIDIRECTIONAL REFLECTION BANDS IN ONE-DIMENSIONAL PHOTONIC CRYSTAL STRUCTURE USING FULLERENE FILMS. Progress in Electromagnetics Research, 2007, 74, 181-194.	1.6	34
4	Broadband optical reflector based on Si/SiO ₂ one-dimensional graded photonic crystal structure. Journal of Modern Optics, 2009, 56, 33-40.	0.6	29
5	Investigation of Reflectance Properties in 1D Ternary Annular Photonic Crystal Containing Semiconductor and High-T _c Superconductor. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1423-1431.	0.8	28
6	Study of optical reflectance properties in 1D annular photonic crystal containing double negative (DNG) metamaterials. Physica B: Condensed Matter, 2016, 489, 67-72.	1.3	28
7	Tunable and omnidirectional filters based on one-dimensional photonic crystals composed of single-negative materials. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1416.	0.9	21
8	BAND STRUCTURES AND ABNORMAL BEHAVIOR OF ONE DIMENSIONAL PHOTONIC CRYSTAL CONTAINING NEGATIVE INDEX MATERIALS. Progress in Electromagnetics Research M, 2008, 2, 15-36.	0.5	18
9	Analysis of Reflectance Properties in 1D Photonic Crystal Containing Metamaterial and High-Temperature Superconductor. Journal of Superconductivity and Novel Magnetism, 2017, 30, 343-351.	0.8	16
10	Operating characteristics of an optical filter in metallic photonic bandgap materials. Microwave and Optical Technology Letters, 2002, 35, 68-71.	0.9	14
11	Design of an optical filter using photonic band gap material. Optik, 2003, 114, 101-105.	1.4	14
12	PHOTONIC BAND GAPS IN ONE-DIMENSIONAL METALLIC STAR WAVEGUIDE STRUCTURE. Progress in Electromagnetics Research, 2008, 84, 349-362.	1.6	14
13	Design of an ultraviolet filter based on photonic band-gap materials. Microwave and Optical Technology Letters, 2002, 33, 308-314.	0.9	12
14	Reflection and anomalous behavior of refractive index in defect photonic band gap structure. Microwave and Optical Technology Letters, 2003, 38, 293-297.	0.9	12
15	Group velocity, negative and ultra-high index of refraction in photonic band gap materials. Microwave and Optical Technology Letters, 2004, 42, 82-87.	0.9	12
16	A theoretical analysis of the propagation characteristics of an annular circular waveguide with a helical winding as the inner cladding. Microwave and Optical Technology Letters, 2003, 37, 69-74.	0.9	11
17	Tunable Reflection Bands and Defect Modes in One-Dimensional Tilted Photonic Crystal Structure. Optics and Photonics Journal, 2012, 02, 230-236.	0.3	9
18	INFRARED OMNI-DIRECTIONAL MIRROR BASED ON ONE-DIMENSIONAL BIREFRINGENT-DIELECTRIC PHOTONIC CRYSTAL. Progress in Electromagnetics Research M, 2012, 25, 211-222.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Broadening of Photonic Band Gap in a One-Dimensional Superconductor Star Waveguide Structure. Journal of Superconductivity and Novel Magnetism, 2012, 25, 883-892.	0.8	6
20	Photonic band structure and effect of $\hat{\mu}$ and $\hat{\epsilon}^{1/4}$ on the reflectivity of one-dimensional magnetic photonic crystal structure. Optik, 2008, 119, 707-712.	1.4	5
21	Electrically Controlled Reflection Band and Tunable Defect Modes in One-Dimensional Photonic Crystal by Using Potassium Titanyl Phosphate (KTP) Crystal. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 284-289.	0.1	4
22	ENLARGED PHOTONIC BAND GAPS IN ONE-DIMENSIONAL MAGNETIC STAR WAVE GUIDE STRUCTURE. Progress in Electromagnetics Research M, 2009, 9, 21-34.	0.5	3
23	A near infrared optical reflector using one-dimensional photonic crystal structure containing chalcogenide glasses. Optoelectronics Letters, 2010, 6, 406-411.	0.4	2
24	INVESTIGATION OF ULTRA-WIDE REFLECTION BANDS IN UV REGION BY USING ONE-DIMENSIONAL MULTI QUANTUM WELL PHOTONIC CRYSTAL. Progress in Electromagnetics Research M, 2014, 38, 37-44.	0.5	2
25	EFFECT OF INNER CLADDING THICKNESS ON THE MODAL DISPERSION CHARACTERISTICS OF ANNULAR-CIRCULAR HELICAL WAVEGUIDES. Journal of Electromagnetic Waves and Applications, 2004, 18, 517-528.	1.0	1
26	Enlargement of omnidirectional bandgap region by using a one-dimensional quaternary plasma photonic crystal. , 2013, , .		1
27	A Comparative Study of Transmission Mode Tunability in, Linearly Graded and Without Graded, Defect Photonic Crystal Structure. Journal of Nanoengineering and Nanomanufacturing, 2016, 6, 239-249.	0.3	1
28	Magneto Tunable Defect Modes in One-Dimensional Photonic Crystal Based on Magnetic Fluid Film. Springer Proceedings in Physics, 2020, , 163-171.	0.1	1
29	Erratum to "design of an ultraviolet filter based on photonic band-gap materials". Microwave and Optical Technology Letters, 2003, 36, 147-147.	0.9	0
30	Reply to "Remark on Group Velocity, Negative and Ultra-High Index of Refraction in Photonic Band Gap Materials". Microwave and Optical Technology Letters, 2005, 46, 94-95.	0.9	0
31	Anomalous behavior of group velocity and index of refraction in a defect photonic band gap structure. Optik, 2008, 119, 117-121.	1.4	0
32	Role of wave impedance in the formation of photonic band gaps in one-dimensional magnetic star wave guide structure. , 2009, , .		0
33	Design of Tunable Wavelength Demultiplexer for DWDM Application Based on 1-D Photonic Crystal with KTP Defect. Springer Proceedings in Physics, 2015, , 515-520.	0.1	0
34	Enhancement in reflection band width and omnidirectional reflection (ODR) bands in one-dimensional graded photonic crystal consisting of birefringent and dielectric materials. , 2014, , .		0