

Kang Xie

List of Publications by Year in descending order

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57
papers

297
citations

933447

10
h-index

940533

16
g-index

57
all docs

57
docs citations

57
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Christiansen filters realized with cylindrical lenses of even symmetry. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2022, 39, 431-439.	1.5	0
2	Efficient and robust shooting algorithm for numerical design of bidirectionally pumped Raman fiber amplifiers. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 8.	2.1	5
3	Negative Propagation Effects in Two-Dimensional Silicon Photonic Crystals. International Journal of Photoenergy, 2012, 2012, 1-7.	2.5	0
4	Gain-induced soliton switching in fiber nonlinear directional coupler. Optik, 2012, 123, 2247-2249.	2.9	4
5	Design and Characterization of Tunable Terahertz Metamaterials With Broad Bandwidth and Low Loss. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 264-267.	4.0	21
6	Band gap properties of two-dimensional photonic crystals with rhombic lattice. Optik, 2012, 123, 534-536.	2.9	49
7	Flat gain spectrum design of Raman fiber amplifiers based on particle swarm optimization and average power analysis technique. Optics and Lasers in Engineering, 2012, 50, 226-230.	3.8	12
8	Optimized design of Capsule endoscopy lens based on ZEMAX. , 2011, , .		3
9	Negative refraction effect in two dimensional square and hexagonal photonic crystal. , 2011, , .		0
10	Transmission properties of guiding band in one-dimensional slow wave structures. , 2011, , .		0
11	Optimization of pump parameters for gain flattened Raman fiber amplifiers based on artificial fish school algorithm. Optics Communications, 2011, 284, 5480-5483.	2.1	8
12	Design for high precision and off-axis compact collimation system. Optik, 2011, 122, 122-124.	2.9	5
13	3 dB power splitter design based on coupled cavity waveguides. Optik, 2011, 122, 156-158.	2.9	5
14	Directional coupler design based on coupled cavity waveguides in photonic crystals. Optik, 2011, 122, 1132-1135.	2.9	5
15	Optical solitons switching in asymmetric dual-core nonlinear fiber couplers. Optik, 2011, 122, 1222-1224.	2.9	14
16	Novel Design of Flat Gain Spectrum Raman Fiber Amplifiers Based on Ant Colony Optimization. IEEE Photonics Technology Letters, 2011, 23, 1823-1825.	2.5	15
17	Compact terahertz wave beam splitter based on self-collimating photonic crystals. , 2011, , .		0
18	Bends and splitters for self-collimated beams in two-dimensional triangular lattice photonic crystals. Optical Engineering, 2011, 50, 114002.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Nonlinearity- and Dispersion-Managed Solitons in Optical Fiber Systems. , 2010, , .		0
20	Optical peculiarities in quasi-sandwiching periodic one-dimensional photonic crystals. Optik, 2010, 121, 1268-1273.	2.9	0
21	Optimize design super collimation in square lattice two-dimensional photonic crystals. Optik, 2010, 121, 1573-1576.	2.9	1
22	C band single pump photonic crystal fiber Raman amplifier. Science Bulletin, 2010, 55, 555-559.	1.7	4
23	Periodic defect modes of one-dimensional crystals containing single-negative materials. Optik, 2010, 121, 1558-1562.	2.9	4
24	Analysis of space off-axis and performance of Cassegrain optical antenna system. Optik, 2010, 121, 1688-1692.	2.9	5
25	Design of aspheric collimation system for semiconductor laser beam. Optik, 2010, 121, 1708-1711.	2.9	13
26	Influence of absorption in the zero effective phase gap in one-dimensional photonic crystals containing single-negative materials. Optik, 2010, 121, 1869-1872.	2.9	1
27	Shooting algorithm and particle swarm optimization based Raman fiber amplifiers gain spectra design. Optics Communications, 2010, 283, 3348-3352.	2.1	16
28	Properties of defect modes in one-dimensional ternary photonic crystal. Proceedings of SPIE, 2010, , .	0.8	1
29	A Christiansen filter realized with a cylindrical lens. Journal of Optics (United Kingdom), 2010, 12, 065403.	2.2	0
30	Experimental verification of negative refractive index materials using yttrium iron garnet. , 2010, , .		0
31	Christiansen filter using cylindrical step lens of odd symmetry. Journal of Modern Optics, 2010, 57, 492-502.	1.3	1
32	Christiansen filters realized with spherical lenses. Applied Optics, 2010, 49, 1201.	2.1	0
33	Pump scheme for gain-flattened Raman fiber amplifiers using improved particle swarm optimization and modified shooting algorithm. Optics Express, 2010, 18, 11033.	3.4	19
34	Efficient Extraction of Input Pump Powers From Pump Power Integrals in the Design of Raman Fiber Amplifiers. Journal of Lightwave Technology, 2010, 28, 1932-1937.	4.6	3
35	Christiansen filter realized by an odd smooth cylindrical lens. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 100.	1.5	4
36	A new photonic crystal patch antenna based on EBG structure. , 2010, , .		0

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37	Tunneling effect in ferrites based left handed metamaterial. , 2009, , .		0
38	Christiansen filter synthesized with the Z-transform. Optical and Quantum Electronics, 2009, 41, 489-503.	3.3	1
39	Novel asymmetrical twin-core photonic crystal fiber for gain-flattened Raman amplifier. Science in China Series D: Earth Sciences, 2009, 52, 2412-2417.	0.9	6
40	Properties of defect modes in one-dimensional photonic crystals containing two nonlinear defects. Optics Communications, 2009, 282, 4292-4295.	2.1	18
41	Waveguide Isolator With Phase Mismatch. IEEE Photonics Technology Letters, 2009, 21, 1550-1552.	2.5	0
42	Left handed metamaterial with $\epsilon < 0$; $\mu < 0$; $\epsilon > 0$; $\mu > 0$; $\epsilon < 0$; $\mu > 0$; and $\epsilon > 0$; $\mu < 0$; $\epsilon > 0$; $\mu < 0$; and some applications. , 2009, , .		1
43	Experimental device of tunable left hand material. , 2009, , .		0
44	On the synchronization of a hyperchaotic system based on adaptive method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3015-3020.	2.1	15
45	Optimal design of a multi-mode interference splitter based on SOI. Optoelectronics Letters, 2008, 4, 92-95.	0.8	3
46	Perfectly imaging in an equivalent infinite slab lens system composed of loaded transmission line metamaterial. , 2008, , .		0
47	The negative refraction between two-dimensional unloaded and loaded transmission line media. , 2008, , .		0
48	Perfect imaging using negative-refractive-index transmission-line slab with a source in it. , 2008, , .		0
49	Design of Collimation System in Space Laser Communication. , 2006, , .		0
50	Simulation Design for a New Non-Periodic Structure Coaxial Bragg Fiber. , 2006, , .		0
51	Optimum Design for Optical Antenna of Space Laser Communication System. , 2006, , .		4
52	Optimum Structure Design for Hollow Bragg Fiber. , 2005, , .		0
53	Simulation for integrated optical fiber head of multilayers parallel storage. , 2005, 5643, 5.		0
54	Surface magneto-optic solitons. Journal Physics D: Applied Physics, 2003, 36, 2211-2217.	2.8	10

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55	Radiative optical isolator and circulator. <i>Journal of Lightwave Technology</i> , 2001, 19, 1028-1035.	4.6	3
56	Performance of axially magnetized ferrite coupled lines. <i>Radio Science</i> , 2001, 36, 1353-1361.	1.6	11
57	Self-Collimation in Square Lattice Two Dimensional Photonic Crystals with Ring-Shaped Holes. <i>Applied Mechanics and Materials</i> , 0, 110-116, 1024-1029.	0.2	0