

Kang Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5379896/publications.pdf>

Version: 2024-02-01

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	Band gap properties of two-dimensional photonic crystals with rhombic lattice. <i>Optik</i> , 2012, 123, 534-536.	2.9	49
2	Design and Characterization of Tunable Terahertz Metamaterials With Broad Bandwidth and Low Loss. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 264-267.	4.0	21
3	Pump scheme for gain-flattened Raman fiber amplifiers using improved particle swarm optimization and modified shooting algorithm. <i>Optics Express</i> , 2010, 18, 11033.	3.4	19
4	Properties of defect modes in one-dimensional photonic crystals containing two nonlinear defects. <i>Optics Communications</i> , 2009, 282, 4292-4295.	2.1	18
5	Shooting algorithm and particle swarm optimization based Raman fiber amplifiers gain spectra design. <i>Optics Communications</i> , 2010, 283, 3348-3352.	2.1	16
6	On the synchronization of a hyperchaotic system based on adaptive method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 3015-3020.	2.1	15
7	Novel Design of Flat Gain Spectrum Raman Fiber Amplifiers Based on Ant Colony Optimization. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1823-1825.	2.5	15
8	Optical solitons switching in asymmetric dual-core nonlinear fiber couplers. <i>Optik</i> , 2011, 122, 1222-1224.	2.9	14
9	Design of aspheric collimation system for semiconductor laser beam. <i>Optik</i> , 2010, 121, 1708-1711.	2.9	13
10	Flat gain spectrum design of Raman fiber amplifiers based on particle swarm optimization and average power analysis technique. <i>Optics and Lasers in Engineering</i> , 2012, 50, 226-230.	3.8	12
11	Performance of axially magnetized ferrite coupled lines. <i>Radio Science</i> , 2001, 36, 1353-1361.	1.6	11
12	Surface magneto-optic solitons. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 2211-2217.	2.8	10
13	Optimization of pump parameters for gain flattened Raman fiber amplifiers based on artificial fish school algorithm. <i>Optics Communications</i> , 2011, 284, 5480-5483.	2.1	8
14	Bends and splitters for self-collimated beams in two-dimensional triangular lattice photonic crystals. <i>Optical Engineering</i> , 2011, 50, 114002.	1.0	7
15	Novel asymmetrical twin-core photonic crystal fiber for gain-flattened Raman amplifier. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 2412-2417.	0.9	6
16	Analysis of space off-axis and performance of Cassegrain optical antenna system. <i>Optik</i> , 2010, 121, 1688-1692.	2.9	5
17	Design for high precision and off-axis compact collimation system. <i>Optik</i> , 2011, 122, 122-124.	2.9	5
18	3 dB power splitter design based on coupled cavity waveguides. <i>Optik</i> , 2011, 122, 156-158.	2.9	5

#	ARTICLE	IF	CITATIONS
19	Directional coupler design based on coupled cavity waveguides in photonic crystals. <i>Optik</i> , 2011, 122, 1132-1135.	2.9	5
20	Efficient and robust shooting algorithm for numerical design of bidirectionally pumped Raman fiber amplifiers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2012, 29, 8.	2.1	5
21	Optimum Design for Optical Antenna of Space Laser Communication System. , 2006, , .		4
22	C band single pump photonic crystal fiber Raman amplifier. <i>Science Bulletin</i> , 2010, 55, 555-559.	1.7	4
23	Periodic defect modes of one-dimensional crystals containing single-negative materials. <i>Optik</i> , 2010, 121, 1558-1562.	2.9	4
24	Christiansen filter realized by an odd smooth cylindrical lens. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 100.	1.5	4
25	Gain-induced soliton switching in fiber nonlinear directional coupler. <i>Optik</i> , 2012, 123, 2247-2249.	2.9	4
26	Radiative optical isolator and circulator. <i>Journal of Lightwave Technology</i> , 2001, 19, 1028-1035.	4.6	3
27	Optimal design of a multi-mode interference splitter based on SOI. <i>Optoelectronics Letters</i> , 2008, 4, 92-95.	0.8	3
28	Efficient Extraction of Input Pump Powers From Pump Power Integrals in the Design of Raman Fiber Amplifiers. <i>Journal of Lightwave Technology</i> , 2010, 28, 1932-1937.	4.6	3
29	Optimized design of Capsule endoscopy lens based on ZEMAX. , 2011, , .		3
30	Christiansen filter synthesized with the Z-transform. <i>Optical and Quantum Electronics</i> , 2009, 41, 489-503.	3.3	1
31	Left handed metamaterial with $\epsilon < 0$; $\mu < 0$; $\epsilon > 0$; $\mu < 0$; and $\epsilon < 0$; $\mu < 0$; $\epsilon > 0$; $\mu < 0$; and some applications. , 2009, , .		1
32	Optimize design super collimation in square lattice two-dimensional photonic crystals. <i>Optik</i> , 2010, 121, 1573-1576.	2.9	1
33	Influence of absorption in the zero effective phase gap in one-dimensional photonic crystals containing single-negative materials. <i>Optik</i> , 2010, 121, 1869-1872.	2.9	1
34	Properties of defect modes in one-dimensional ternary photonic crystal. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
35	Christiansen filter using cylindrical step lens of odd symmetry. <i>Journal of Modern Optics</i> , 2010, 57, 492-502.	1.3	1
36	Optimum Structure Design for Hollow Bragg Fiber. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
37	Simulation for integrated optical fiber head of multilayers parallel storage. , 2005, 5643, 5.		0
38	Design of Collimation System in Space Laser Communication. , 2006, , .		0
39	Simulation Design for a New Non-Periodic Structure Coaxial Bragg Fiber. , 2006, , .		0
40	Perfectly imaging in an equivalent infinite slab lens system composed of loaded transmission line metamaterial. , 2008, , .		0
41	The negative refraction between two-dimensional unloaded and loaded transmission line media. , 2008, , .		0
42	Perfect imaging using negative-refractive-index transmission-line slab with a source in it. , 2008, , .		0
43	Tunneling effect in ferrites based left handed metamaterial. , 2009, , .		0
44	Waveguide Isolator With Phase Mismatch. IEEE Photonics Technology Letters, 2009, 21, 1550-1552.	2.5	0
45	Experimental device of tunable left hand material. , 2009, , .		0
46	Nonlinearity- and Dispersion-Managed Solitons in Optical Fiber Systems. , 2010, , .		0
47	Optical peculiarities in quasi-sandwiching periodic one-dimensional photonic crystals. Optik, 2010, 121, 1268-1273.	2.9	0
48	A Christiansen filter realized with a cylindrical lens. Journal of Optics (United Kingdom), 2010, 12, 065403.	2.2	0
49	Experimental verification of negative refractive index materials using yttrium iron garnet. , 2010, , .		0
50	Christiansen filters realized with spherical lenses. Applied Optics, 2010, 49, 1201.	2.1	0
51	A new photonic crystal patch antenna based on EBG structure. , 2010, , .		0
52	Negative refraction effect in two dimensional square and hexagonal photonic crystal. , 2011, , .		0
53	Transmission properties of guiding band in one-dimensional slow wave structures. , 2011, , .		0
54	Compact terahertz wave beam splitter based on self-collimating photonic crystals. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
55	Self-Collimation in Square Lattice Two Dimensional Photonic Crystals with Ring-Shaped Holes. Applied Mechanics and Materials, 0, 110-116, 1024-1029.	0.2	0
56	Negative Propagation Effects in Two-Dimensional Silicon Photonic Crystals. International Journal of Photoenergy, 2012, 2012, 1-7.	2.5	0
57	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