Sun-Goo Lee

List of Publications by Year
in descending order

21	352	1039406 9	794141 19
papers	citations	h-index	g-index

21	21	21	271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Line-defect-induced bending and splitting of self-collimated beams in two-dimensional photonic crystals. Applied Physics Letters, 2005, 87, 181106.	1.5	88
2	Band flips and bound-state transitions in leaky-mode photonic lattices. Physical Review B, 2019, 99, .	1.1	60
3	Bound states in the continuum (BIC) accompanied by avoided crossings in leaky-mode photonic lattices. Nanophotonics, 2020, 9, 4373-4380.	2.9	55
4	Terahertz modulation on angle-dependent photoexcitation in organic-inorganic hybrid structures. Applied Physics Letters, 2013, 103, .	1.5	23
5	Polarization-independent electromagnetically induced transparency-like transmission in coupled guided-mode resonance structures. Applied Physics Letters, 2017, 110, 111106.	1.5	23
6	Experimental demonstration of bending and splitting of self-collimated beams in two-dimensional photonic crystals. Applied Physics Letters, 2007, 90, 113121.	1.5	19
7	Band dynamics of leaky-mode photonic lattices. Optics Express, 2019, 27, 18180.	1.7	16
8	Metasurfaces with Bound States in the Continuum Enabled by Eliminating First Fourier Harmonic Component in Lattice Parameters. Physical Review Letters, 2021, 126, 013601.	2.9	14
9	Resonant transmission of self-collimated beams through coupled zigzag-box resonators: slow self-collimated beams in a photonic crystal. Optics Express, 2012, 20, 8309.	1.7	13
10	Polarization-differentiated band dynamics of resonant leaky modes at the lattice Î“ point. Optics Express, 2020, 28, 39453.	1.7	7
11	Band dynamics accompanied by bound states in the continuum at the third-order Î“ point in leaky-mode photonic lattices. Photonics Research, 2021, 9, 1109.	3.4	6
12	Essential differences between TE and TM band gaps in periodic films at the first Bragg condition. Optics Letters, 2019, 44, 4658.	1.7	6
13	Properties of defected one-dimensional terahertz plasmonic crystal films in a metal air-gap waveguide. Journal of Applied Physics, 2011, 110, 093101.	1.1	5
14	Slowing down the speed of terahertz guiding modes of a metal air-gap waveguide by using a coupled plasmonic cavity. Journal of Applied Physics, 2012, 112, 113114.	1.1	5
15	Minimization of reflection at the boundaries of a finite-size coupled terahertz cavity in a metal air-gap waveguide. Applied Physics Letters, 2013, 102, 181112.	1.5	4
16	Grating-induced omnidirectional refraction of self-collimated beams at a photonic crystal surface. Applied Optics, 2013, 52, 3229.	0.9	4
17	Creation of Fano resonances and bound states in the continuum in metallic metasurface superlattices. Optics Express, 2021, 29, 21492.	1.7	2
18	Coupled-cavity-based slow light metamaterials with antireflection structures. Applied Physics Letters, 2016, 109, 221103.	1.5	1

#	Article	IF	Citations
19	Fourier-component engineering to control light diffraction beyond subwavelength limit. Nanophotonics, 2021, 10, 3917-3925.	2.9	1
20	Terahertz filters by using metal slits. , 2012, , .		0
21	Transmittance modulation of terahertz pulses through organic-inorganic hybrid structures under polarization and incident angle dependent optical excitation. , 2014, , .		0