

# Sun-Goo Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5418829/publications.pdf>

Version: 2024-02-01

21  
papers

352  
citations

1039880

9  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metasurfaces with Bound States in the Continuum Enabled by Eliminating First Fourier Harmonic Component in Lattice Parameters. <i>Physical Review Letters</i> , 2021, 126, 013601.	2.9	14
2	Band dynamics accompanied by bound states in the continuum at the third-order $\hat{\Gamma}$ point in leaky-mode photonic lattices. <i>Photonics Research</i> , 2021, 9, 1109.	3.4	6
3	Creation of Fano resonances and bound states in the continuum in metallic metasurface superlattices. <i>Optics Express</i> , 2021, 29, 21492.	1.7	2
4	Fourier-component engineering to control light diffraction beyond subwavelength limit. <i>Nanophotonics</i> , 2021, 10, 3917-3925.	2.9	1
5	Polarization-differentiated band dynamics of resonant leaky modes at the lattice $\hat{\Gamma}$ point. <i>Optics Express</i> , 2020, 28, 39453.	1.7	7
6	Bound states in the continuum (BIC) accompanied by avoided crossings in leaky-mode photonic lattices. <i>Nanophotonics</i> , 2020, 9, 4373-4380.	2.9	55
7	Band flips and bound-state transitions in leaky-mode photonic lattices. <i>Physical Review B</i> , 2019, 99, .	1.1	60
8	Band dynamics of leaky-mode photonic lattices. <i>Optics Express</i> , 2019, 27, 18180.	1.7	16
9	Essential differences between TE and TM band gaps in periodic films at the first Bragg condition. <i>Optics Letters</i> , 2019, 44, 4658.	1.7	6
10	Polarization-independent electromagnetically induced transparency-like transmission in coupled guided-mode resonance structures. <i>Applied Physics Letters</i> , 2017, 110, 111106.	1.5	23
11	Coupled-cavity-based slow light metamaterials with antireflection structures. <i>Applied Physics Letters</i> , 2016, 109, 221103.	1.5	1
12	Transmittance modulation of terahertz pulses through organic-inorganic hybrid structures under polarization and incident angle dependent optical excitation. , 2014, , .		0
13	Minimization of reflection at the boundaries of a finite-size coupled terahertz cavity in a metal air-gap waveguide. <i>Applied Physics Letters</i> , 2013, 102, 181112.	1.5	4
14	Grating-induced omnidirectional refraction of self-collimated beams at a photonic crystal surface. <i>Applied Optics</i> , 2013, 52, 3229.	0.9	4
15	Terahertz modulation on angle-dependent photoexcitation in organic-inorganic hybrid structures. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	23
16	Resonant transmission of self-collimated beams through coupled zigzag-box resonators: slow self-collimated beams in a photonic crystal. <i>Optics Express</i> , 2012, 20, 8309.	1.7	13
17	Slowing down the speed of terahertz guiding modes of a metal air-gap waveguide by using a coupled plasmonic cavity. <i>Journal of Applied Physics</i> , 2012, 112, 113114.	1.1	5
18	Terahertz filters by using metal slits. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	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
20	Experimental demonstration of bending and splitting of self-collimated beams in two-dimensional photonic crystals. Applied Physics Letters, 2007, 90, 113121.	1.5	19
21	Line-defect-induced bending and splitting of self-collimated beams in two-dimensional photonic crystals. Applied Physics Letters, 2005, 87, 181106.	1.5	88