Jae-Hyuck Choi

List of Publications by Year
in descending order

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23 papers	1,115 citations	840585 11 h-index	940416 16 g-index
23 all docs	23 docs citations	23 times ranked	1614 citing authors

#	Article	IF	Citations
1	Polarization Control of Deterministic Single-Photon Emitters in Monolayer WSe₂. Nano Letters, 2021, 21, 1546-1554.	4.5	37
2	Fano Resonances in Individual Dielectric Nanoantennas. , 2021, , .		0
3	Recent advances in nanocavities and their applications. Chemical Communications, 2021, 57, 4875-4885.	2.2	8
4	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. Nano Letters, 2021, 21, 1765-1771.	4.5	96
5	Nonlinear Circular Dichroism in Mie-Resonant Nanoparticle Dimers. Nano Letters, 2021, 21, 4381-4387.	4.5	30
6	Nonlinear Circular Dichroism in the Second-Harmonic Generation from AlGaAs Nanoparticle Dimers. , 2021, , .		0
7	Second-Harmonic-Generation Circular Dichroism in Dielectric Nanoantenna Dimers. , 2021, , .		0
8	Integration of Single-Photon Emitters in 2D Materials with Plasmonic Waveguides at Room Temperature. Nanomaterials, 2020, 10, 1663.	1.9	6
9	Subwavelength dielectric resonators for nonlinear nanophotonics. Science, 2020, 367, 288-292.	6.0	575
10	Observation of Quasi-BIC Modes and Fano Resonances in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
11	Fano resonances in individual AlGaAs nanoparticles driven by quasi-BIC modes. , 2020, , .		0
12	Selective Pump Focusing on Individual Laser Modes in Microcavities. ACS Photonics, 2018, 5, 2791-2798.	3.2	10
13	Switching of Photonic Crystal Lasers by Graphene. Nano Letters, 2017, 17, 1892-1898.	4.5	23
14	Photon-triggered nanowire transistors. Nature Nanotechnology, 2017, 12, 963-968.	15.6	95
15	Lasing in optimized two-dimensional iron-nail-shaped rod photonic crystals. AIP Advances, 2016, 6, 035026.	0.6	0
16	Characteristics of strain-sensitive photonic crystal cavities in a flexible substrate. Optics Express, 2016, 24, 26119.	1.7	3
17	Direct observation of exceptional points in coupled photonic-crystal lasers with asymmetric optical gains. Nature Communications, 2016, 7, 13893.	5.8	85
18	A high-resolution strain-gauge nanolaser. Nature Communications, 2016, 7, 11569.	5.8	60

#	Article	IF	Citations
19	Invisible Hyperbolic Metamaterial Nanotube at Visible Frequency. Scientific Reports, 2015, 5, 16027.	1.6	34
20	Low-scattering hyperbolic nanotube. , 2015, , .		0
21	Low-threshold photonic-band-edge laser using iron-nail-shaped rod array. Applied Physics Letters, 2014, 104, 091120.	1.5	12
22	Investigation of light coupling between a semiconductor nanowire and a plasmonic waveguide. Journal of the Korean Physical Society, 2013, 63, 1851-1854.	0.3	1
23	A Double-Strip Plasmonic Waveguide Coupled to an Electrically Driven Nanowire LED. Nano Letters, 2013, 13, 772-776.	4.5	40