

Jae-Hyuck Choi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10634666/publications.pdf>

Version: 2024-02-01

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	Subwavelength dielectric resonators for nonlinear nanophotonics. <i>Science</i> , 2020, 367, 288-292.	6.0	575
2	From Fano to Quasi-BIC Resonances in Individual Dielectric Nanoantennas. <i>Nano Letters</i> , 2021, 21, 1765-1771.	4.5	96
3	Photon-triggered nanowire transistors. <i>Nature Nanotechnology</i> , 2017, 12, 963-968.	15.6	95
4	Direct observation of exceptional points in coupled photonic-crystal lasers with asymmetric optical gains. <i>Nature Communications</i> , 2016, 7, 13893.	5.8	85
5	A high-resolution strain-gauge nanolaser. <i>Nature Communications</i> , 2016, 7, 11569.	5.8	60
6	A Double-Strip Plasmonic Waveguide Coupled to an Electrically Driven Nanowire LED. <i>Nano Letters</i> , 2013, 13, 772-776.	4.5	40
7	Polarization Control of Deterministic Single-Photon Emitters in Monolayer WSe ₂ . <i>Nano Letters</i> , 2021, 21, 1546-1554.	4.5	37
8	Invisible Hyperbolic Metamaterial Nanotube at Visible Frequency. <i>Scientific Reports</i> , 2015, 5, 16027.	1.6	34
9	Nonlinear Circular Dichroism in Mie-Resonant Nanoparticle Dimers. <i>Nano Letters</i> , 2021, 21, 4381-4387.	4.5	30
10	Switching of Photonic Crystal Lasers by Graphene. <i>Nano Letters</i> , 2017, 17, 1892-1898.	4.5	23
11	Low-threshold photonic-band-edge laser using iron-nail-shaped rod array. <i>Applied Physics Letters</i> , 2014, 104, 091120.	1.5	12
12	Selective Pump Focusing on Individual Laser Modes in Microcavities. <i>ACS Photonics</i> , 2018, 5, 2791-2798.	3.2	10
13	Recent advances in nanocavities and their applications. <i>Chemical Communications</i> , 2021, 57, 4875-4885.	2.2	8
14	Integration of Single-Photon Emitters in 2D Materials with Plasmonic Waveguides at Room Temperature. <i>Nanomaterials</i> , 2020, 10, 1663.	1.9	6
15	Characteristics of strain-sensitive photonic crystal cavities in a flexible substrate. <i>Optics Express</i> , 2016, 24, 26119.	1.7	3
16	Investigation of light coupling between a semiconductor nanowire and a plasmonic waveguide. <i>Journal of the Korean Physical Society</i> , 2013, 63, 1851-1854.	0.3	1
17	Low-scattering hyperbolic nanotube., 2015, , .		0
18	Lasing in optimized two-dimensional iron-nail-shaped rod photonic crystals. <i>AIP Advances</i> , 2016, 6, 035026.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Fano Resonances in Individual Dielectric Nanoantennas. , 2021, , .		0
20	Nonlinear Circular Dichroism in the Second-Harmonic Generation from AlGaAs Nanoparticle Dimers. , 2021, , .		0
21	Second-Harmonic-Generation Circular Dichroism in Dielectric Nanoantenna Dimers. , 2021, , .		0
22	Observation of Quasi-BIC Modes and Fano Resonances in Individual Subwavelength Dielectric Resonators. , 2020, , .		0
23	Fano resonances in individual AlGaAs nanoparticles driven by quasi-BIC modes. , 2020, , .		0