

Yi-Chen Shuai

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

825
citations

840119

11
h-index

1058022

14
g-index

24
all docs

24
docs citations

24
times ranked

1168
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in 2D photonic crystal Fano resonance photonics. Progress in Quantum Electronics, 2014, 38, 1-74.	3.5	232
2	Transfer-printed stacked nanomembrane lasers on silicon. Nature Photonics, 2012, 6, 615-620.	15.6	195
3	Approaching total absorption at near infrared in a large area monolayer graphene by critical coupling. Applied Physics Letters, 2014, 105, 181105.	1.5	103
4	Double-layer Fano resonance photonic crystal filters. Optics Express, 2013, 21, 24582.	1.7	74
5	Coupled double-layer Fano resonance photonic crystal filters with lattice-displacement. Applied Physics Letters, 2013, 103, .	1.5	58
6	An aqueous solution-based doping strategy for large-scale synthesis of Sb-doped ZnO nanowires. Nanotechnology, 2011, 22, 225602.	1.3	53
7	Photonic crystal membrane reflectors by magnetic field-guided metal-assisted chemical etching. Applied Physics Letters, 2013, 103, .	1.5	35
8	Filter-free single-photon quantum dot resonance fluorescence in an integrated cavity-waveguide device. Optica, 2020, 7, 380.	4.8	21
9	Fano-Resonance Photonic Crystal Membrane Reflectors at Mid- and Far-Infrared. IEEE Photonics Journal, 2013, 5, 4700206-4700206.	1.0	15
10	Semiconductor nanomembranes for integrated silicon photonics and flexible Photonics. Optical and Quantum Electronics, 2012, 44, 605-611.	1.5	13
11	Coupled Bilayer Photonic Crystal Slab Electro-Optic Spatial Light Modulators. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	11
12	High-order grating coupler for high-efficiency vertical to in-plane coupling. Proceedings of SPIE, 2014, , .	0.8	5
13	The characterization and properties of InN grown by MOCVD. EPJ Applied Physics, 2008, 44, 131-136.	0.3	3
14	Semiconductor nanomembranes for integrated and flexible photonics. , 2011, , .		2
15	Optofluidic Double-layer Fano Resonance Photonic Crystal Slab Liquid Sensors. , 2015, , .		2
16	Stacked fano resonance photonic crystal nanomembrane high-Q filters. , 2012, , .		1
17	Stacked double-layer nanomembrane Fano modulators. Proceedings of SPIE, 2016, , .	0.8	1
18	Fano resonance membrane reflectors from mid-infrared to far-infrared. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Nanomembrane transfer printing for MR-VCSELs on silicon. , 2012, , .		0
20	Spectral selective absorption enhancement from stacked ultra-thin InGaAs/Si Fano resonance membranes. , 2012, , .		0
21	Transfer printed nanomembrane high-Q filters based on displaced double-layer fano resonance photonic crystal slabs. , 2013, , .		0
22	Surface-normal photonic crystal membrane reflectors with integrated inplane couplers for integrated silicon photonics. , 2014, , .		0
23	High-performance photonic crystal membrane reflectors by magnetically guided metal-assisted chemical etching. Proceedings of SPIE, 2014, , .	0.8	0