

# Yi-Chen Shuai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

615  
citations

10  
h-index

24  
g-index

24  
ext. papers

748  
ext. citations

6.2  
avg, IF

3.04  
L-index

#	Paper	IF	Citations
17	Filter-free single-photon quantum dot resonance fluorescence in an integrated cavity-waveguide device. <i>Optica</i> , <b>2020</b> , 7, 380	8.6	11
16	Coupled Bilayer Photonic Crystal Slab Electro-Optic Spatial Light Modulators. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-11	1.8	4
15	Semiconductor Nanomembranes for Fano Resonance Photonic Crystal Devices <b>2016</b> , 271-304		1
14	Stacked double-layer nanomembrane Fano modulators <b>2016</b> ,		1
13	Optofluidic Double-layer Fano Resonance Photonic Crystal Slab Liquid Sensors <b>2015</b> ,		1
12	Progress in 2D photonic crystal Fano resonance photonics. <i>Progress in Quantum Electronics</i> , <b>2014</b> , 38, 1-74	9.1	165
11	Approaching total absorption at near infrared in a large area monolayer graphene by critical coupling. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 181105	3.4	83
10	High-order grating coupler for high-efficiency vertical to in-plane coupling <b>2014</b> ,		2
9	Coupled double-layer Fano resonance photonic crystal filters with lattice-displacement. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 241106	3.4	43
8	Photonic crystal membrane reflectors by magnetic field-guided metal-assisted chemical etching. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 214103	3.4	28
7	Fano-Resonance Photonic Crystal Membrane Reflectors at Mid- and Far-Infrared. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 4700206-4700206	1.8	10
6	Double-layer Fano resonance photonic crystal filters. <i>Optics Express</i> , <b>2013</b> , 21, 24582-9	3.3	53
5	Semiconductor nanomembranes for integrated silicon photonics and flexible Photonics. <i>Optical and Quantum Electronics</i> , <b>2012</b> , 44, 605-611	2.4	12
4	Transfer-printed stacked nanomembrane lasers on silicon. <i>Nature Photonics</i> , <b>2012</b> , 6, 615-620	33.9	147
3	An aqueous solution-based doping strategy for large-scale synthesis of Sb-doped ZnO nanowires. <i>Nanotechnology</i> , <b>2011</b> , 22, 225602	3.4	50
2	Semiconductor nanomembranes for integrated and flexible photonics <b>2011</b> ,		1
1	The characterization and properties of InN grown by MOCVD. <i>EPJ Applied Physics</i> , <b>2008</b> , 44, 131-136	1.1	3

