

# Yasi Wang

## List of Publications by Year in descending order

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15  
papers

771  
citations

1040056

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996975

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docs citations

16  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Integrated metasurfaces for full-colour holography. <i>Light: Science and Applications</i> , 2019, 8, 86.	16.6	187
2	Reflective Color Filters and Monolithic Color Printing Based on Asymmetric Fabry-Pérot Cavities Using Nickel as a Broadband Absorber. <i>Advanced Optical Materials</i> , 2016, 4, 1196-1202.	7.3	150
3	Microscopic Interference Full-Color Printing Using Grayscale-Patterned Fabry-Pérot Resonance Cavities. <i>Advanced Optical Materials</i> , 2017, 5, 1700029.	7.3	137
4	Integrated Metasurfaces with Microprints and Helicity-Multiplexed Holograms for Real-Time Optical Encryption. <i>Advanced Optical Materials</i> , 2020, 8, 1902020.	7.3	113
5	Sketch and Peel-Lithography for High-Resolution Multiscale Patterning. <i>Nano Letters</i> , 2016, 16, 3253-3259.	9.1	63
6	Stepwise-Nanocavity-Assisted Transmissive Color Filter Array Microprints. <i>Research</i> , 2018, 2018, 8109054.	5.7	60
7	Reliable fabrication of plasmonic nanostructures without an adhesion layer using dry lift-off. <i>Nanotechnology</i> , 2015, 26, 405301.	2.6	17
8	Kirigami-inspired multiscale patterning of metallic structures via predefined nanotrench templates. <i>Microsystems and Nanoengineering</i> , 2019, 5, 54.	7.0	16
9	Fabrication of Fabry-Pérot-cavity-based monolithic full-color filter arrays using a template-confined micro-reflow process. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 025008.	2.6	11
10	Adhesion-Engineering-Enabled Sketch and Peel-Lithography for Aluminum Plasmonic Nanogaps. <i>Advanced Optical Materials</i> , 2020, 8, 1901202.	7.3	7
11	Periodic planar Fabry-Pérot nanocavities with tunable interference colors based on filling density effects. <i>Applied Optics</i> , 2021, 60, 551.	1.8	3
12	Strongly coupled evenly divided disks: a new compact and tunable platform for plasmonic Fano resonances. <i>Nanotechnology</i> , 2020, 31, 325202.	2.6	2
13	Deterministic thermal micro-reflow of lithographic structures for Sub-10-nm metallic gaps fabrication. <i>Microelectronic Engineering</i> , 2020, 225, 111275.	2.4	2
14	Enhancing the stability of polymer nanostructures via ultrathin oxide coatings for nano-optical device applications. <i>Nanotechnology</i> , 2021, 32, 295301.	2.6	2
15	Plasmonic Fano Resonance in Homotactic Aluminum Nanorod Trimer: the Key Role of Coupling Gap. <i>Plasmonics</i> , 2020, 15, 1281-1287.	3.4	1