

Yash D Shah

List of Publications by Year in descending order

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docs citations

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634
citing authors

#	ARTICLE	IF	CITATIONS
1	Octave-Spanning Broadband Absorption of Terahertz Light Using Metasurface Fractal-Cross Absorbers. ACS Photonics, 2017, 4, 2604-2612.	6.6	144
2	Negative Refraction in Time-Varying Strongly Coupled Plasmonic-Antenna-ε-Near-Zero Systems. Physical Review Letters, 2020, 124, 043902.	7.8	69
3	Ultra-narrow Line Width Polarization-Insensitive Filter Using a Symmetry-Breaking Selective Plasmonic Metasurface. ACS Photonics, 2018, 5, 663-669.	6.6	52
4	Quantum microscopy based on Hong-Ou-Mandel interference. Nature Photonics, 2022, 16, 384-389.	31.4	46
5	Hyperuniform disordered terahertz quantum cascade laser. Scientific Reports, 2016, 6, 19325.	3.3	40
6	CMOS compatible metamaterial absorbers for hyperspectral medium wave infrared imaging and sensing applications. Optics Express, 2018, 26, 10408.	3.4	38
7	Ultralow-light-level color image reconstruction using high-efficiency plasmonic metasurface mosaic filters. Optica, 2020, 7, 632.	9.3	28
8	Video-rate terahertz digital holographic imaging system. Optics Express, 2018, 26, 25805.	3.4	24
9	A 64x64 SPAD Array for Portable Colorimetric Sensing, Fluorescence and X-Ray Imaging. IEEE Sensors Journal, 2019, 19, 7319-7327.	4.7	16
10	A monolithic single-chip point-of-care platform for metabolomic prostate cancer detection. Microsystems and Nanoengineering, 2021, 7, 21.	7.0	14
11	A hybrid plasmonic waveguide terahertz quantum cascade laser. Applied Physics Letters, 2015, 106, .	3.3	9
12	Noise characteristics with CMOS sensor array scaling. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107325.	5.0	6
13	Simultaneous multi-spectral, single-photon fluorescence imaging using a plasmonic colour filter array. Journal of Biophotonics, 2021, 14, e202000505.	2.3	4
14	Line-defect photonic crystal terahertz quantum cascade laser. Journal of Applied Physics, 2019, 126, .	2.5	2
15	A hybrid plasmonic waveguide terahertz quantum cascade laser. , 2015, , .		1