

Yash D Shah

List of Publications by Year in descending order

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15
papers

493
citations

1040056

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1058476

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15
all docs

15
docs citations

15
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum microscopy based on Hongâ€“Ouâ€“Mandel interference. Nature Photonics, 2022, 16, 384-389.	31.4	46
2	A monolithic single-chip point-of-care platform for metabolomic prostate cancer detection. Microsystems and Nanoengineering, 2021, 7, 21.	7.0	14
3	Simultaneous multiâ€“spectral, singleâ€“photon fluorescence imaging using a plasmonic colour filter array. Journal of Biophotonics, 2021, 14, e202000505.	2.3	4
4	Noise characteristics with CMOS sensor array scaling. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107325.	5.0	6
5	Negative Refraction in Time-Varying Strongly Coupled Plasmonic-Antennaâ€“Epsilon-Near-Zero Systems. Physical Review Letters, 2020, 124, 043902.	7.8	69
6	Ultralow-light-level color image reconstruction using high-efficiency plasmonic metasurface mosaic filters. Optica, 2020, 7, 632.	9.3	28
7	Line-defect photonic crystal terahertz quantum cascade laser. Journal of Applied Physics, 2019, 126, .	2.5	2
8	A \$64imes64\$ SPAD Array for Portable Colorimetric Sensing, Fluorescence and X-Ray Imaging. IEEE Sensors Journal, 2019, 19, 7319-7327.	4.7	16
9	Ultra-narrow Line Width Polarization-Insensitive Filter Using a Symmetry-Breaking Selective Plasmonic Metasurface. ACS Photonics, 2018, 5, 663-669.	6.6	52
10	Video-rate terahertz digital holographic imaging system. Optics Express, 2018, 26, 25805.	3.4	24
11	CMOS compatible metamaterial absorbers for hyperspectral medium wave infrared imaging and sensing applications. Optics Express, 2018, 26, 10408.	3.4	38
12	Octave-Spanning Broadband Absorption of Terahertz Light Using Metasurface Fractal-Cross Absorbers. ACS Photonics, 2017, 4, 2604-2612.	6.6	144
13	Hyperuniform disordered terahertz quantum cascade laser. Scientific Reports, 2016, 6, 19325.	3.3	40
14	A hybrid plasmonic waveguide terahertz quantum cascade laser. Applied Physics Letters, 2015, 106, .	3.3	9
15	A hybrid plasmonic waveguide terahertz quantum cascade laser. , 2015, , .		1