

Kaushal Vora

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

626
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Generation of Vector Beams From AlGaAs Nanoantennas. Nano Letters, 2016, 16, 7191-7197.	9.1	237
2	Tailoring Second-Harmonic Emission from (111)-GaAs Nanoantennas. Nano Letters, 2019, 19, 3905-3911.	9.1	66
3	Nonlinear frequency conversion in optical nanoantennas and metasurfaces: materials evolution and fabrication. Opto-Electronic Advances, 2018, 1, 18002101-18002112.	13.3	65
4	Efficiency enhancement of axial junction InP single nanowire solar cells by dielectric coating. Nano Energy, 2016, 28, 106-114.	16.0	58
5	Structural, compositional and optical properties of PECVD silicon nitride layers. Journal Physics D: Applied Physics, 2012, 45, 445301.	2.8	50
6	High-Efficiency Solar Cells from Extremely Low Minority Carrier Lifetime Substrates Using Radial Junction Nanowire Architecture. ACS Nano, 2019, 13, 12015-12023.	14.6	31
7	Indium phosphide based solar cell using ultra-thin ZnO as an electron selective layer. Journal Physics D: Applied Physics, 2018, 51, 395301.	2.8	28
8	Titanium Nano-Antenna for High-Power Pulsed Operation. Journal of Lightwave Technology, 2013, 31, 2459-2466.	4.6	22
9	Axial p-n junction design and characterization for InP nanowire array solar cells. Progress in Photovoltaics: Research and Applications, 2019, 27, 237-244.	8.1	22
10	Semiconductor Nanowire Arrays for High-Performance Miniaturized Chemical Sensing. Advanced Functional Materials, 2022, 32, 2107596.	14.9	16
11	Exceptional silicon surface passivation by an ONO dielectric stack. Solar Energy Materials and Solar Cells, 2019, 189, 245-253.	6.2	9
12	Flexible InP/ZnO nanowire heterojunction light emitting diodes. Nanoscale Horizons, 2022, 7, 446-454.	8.0	8
13	Investigation of light-matter interaction in single vertical nanowires in ordered nanowire arrays. Nanoscale, 2022, 14, 3527-3536.	5.6	6
14	ZnO as a Transparent Electrode and Heterojunction for InP Nanowire Light Emitting Diodes. Advanced Optical Materials, 2022, 10, .	7.3	4
15	Nonpolar Al _x Ga _{1-x} N/Al _y Ga _{1-y} N multiple quantum wells on GaN nanowire for UV emission. Nano Research, 2022, 15, 7670-7680.	10.4	4
16	Charge trapping and storage in SiN thin films deposited with Oxford PlasmaLab 100 system. , 2012, , .		0
17	Second-Harmonic Generation in (111) Gallium Arsenide Nanoantennas. , 2019, , .		0