Kaushal Vora

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11047280/publications.pdf

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17	626	933447	996975
papers	citations	10	15
		h-index	g-index

17	17	17	850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Semiconductor Nanowire Arrays for Highâ€Performance Miniaturized Chemical Sensing. Advanced Functional Materials, 2022, 32, 2107596.	14.9	16
2	Investigation of lightâ€“matter interaction in single vertical nanowires in ordered nanowire arrays. Nanoscale, 2022, 14, 3527-3536.	5.6	6
3	Flexible InPâ€“ZnO nanowire heterojunction light emitting diodes. Nanoscale Horizons, 2022, 7, 446-454.	8.0	8
4	nâ€“SnO_x as a Transparent Electrode and Heterojunction for pâ€“InP Nanowire Light Emitting Diodes. Advanced Optical Materials, 2022, 10, .	7.3	4
5	Nonpolar AlxGa1â^'xN/AlyGa1â^'yN multiple quantum wells on GaN nanowire for UV emission. Nano Research, 2022, 15, 7670-7680.	10.4	4
6	Exceptional silicon surface passivation by an ONO dielectric stack. Solar Energy Materials and Solar Cells, 2019, 189, 245-253.	6.2	9
7	Second-Harmonic Generation in (111) Gallium Arsenide Nanoantennas. , 2019, , .		0
8	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
9	Tailoring Second-Harmonic Emission from (111)-GaAs Nanoantennas. Nano Letters, 2019, 19, 3905-3911.	9.1	66
10	Axial pâ€“n junction design and characterization for InP nanowire array solar cells. Progress in Photovoltaics: Research and Applications, 2019, 27, 237-244.	8.1	22
11	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
12	Nonlinear frequency conversion in optical nanoantennas and metasurfaces: materials evolution and fabrication. Opto-Electronic Advances, 2018, 1, 18002101-18002112.	13.3	65
13	Efficiency enhancement of axial junction InP single nanowire solar cells by dielectric coating. Nano Energy, 2016, 28, 106-114.	16.0	58
14	Nonlinear Generation of Vector Beams From AlGaAs Nanoantennas. Nano Letters, 2016, 16, 7191-7197.	9.1	237
15	Titanium Nano-Antenna for High-Power Pulsed Operation. Journal of Lightwave Technology, 2013, 31, 2459-2466.	4.6	22
16	Charge trapping and storage in SiN<inf>x</inf> thin films deposited with Oxford PlasmaLab 100 system. , 2012, , .		0
17	Structural, compositional and optical properties of PECVD silicon nitride layers. Journal Physics D: Applied Physics, 2012, 45, 445301.	2.8	50