

# Nien-Po Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/926040/publications.pdf>

Version: 2024-02-01

23  
papers

214  
citations

933447

10  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Title is missing!. Journal of Nanoparticle Research, 2000, 2, 345-362.	1.9	42
2	A new tricarbazole phosphine oxide bipolar host for efficient single-layer blue PhOLED. Organic Electronics, 2011, 12, 2025-2032.	2.6	37
3	Ohmic nanocontacts to GaAs using undoped and p-doped layers of low-temperature-grown GaAs. Applied Physics Letters, 2000, 76, 212-214.	3.3	18
4	Fermi level unpinning in ex situ Schottky contacts on n-GaAs capped with low-temperature-grown GaAs. Applied Physics Letters, 2002, 80, 4452-4454.	3.3	16
5	Unpinned interface Fermi-level in Schottky contacts to n-GaAs capped with low-temperature-grown GaAs; experiments and modeling using defect state distributions. Journal of Applied Physics, 2003, 93, 2772-2779.	2.5	16
6	Preparation of organic/inorganic hybrid nanocomposites by ultraviolet irradiation and their packaging applications for organic optoelectronic devices. Applied Surface Science, 2011, 257, 9142-9151.	6.1	13
7	A quantitative conduction model for a low-resistance nonalloyed ohmic contact structure utilizing low-temperature-grown GaAs. Journal of Applied Physics, 2000, 88, 309-315.	2.5	12
8	Using high haze (> 90%) light-trapping film to enhance the efficiency of a-Si:H solar cells. Optics Communications, 2012, 285, 3325-3328.	2.1	12
9	Self-assembled metal/molecule/semiconductor nanostructures for electronic device and contact applications. Journal of Electronic Materials, 2000, 29, 565-569.	2.2	11
10	Double reflection in the concave reflective blazed grating. Optics Express, 2007, 15, 10498.	3.4	10
11	Manufacture of light-trapping (LT) films by ultraviolet (UV) irradiation and their applications for polymer solar cells (PSCs). Materials Letters, 2012, 67, 42-45.	2.6	9
12	Manufacture of brightness enhancement films (BEFs) by ultraviolet (UV) irradiation and their applications for organic light emitting diodes (OLEDs). Synthetic Metals, 2010, 160, 1493-1500.	3.9	8
13			

#	ARTICLE	IF	CITATIONS
19	Distribution model of arsenic antisite defects in LTC:GaAs. Journal of Physics and Chemistry of Solids, 2008, 69, 325-329.	4.0	0
20	Application of exposure simulation system to reduce isolated-dense bias by using annular off-axis illumination. , 2008, , .		0
21	The design of the multiple resonance microcavity by reflection phase manipulation of non-QWS DBR for OLED chromaticity enhancement. Proceedings of SPIE, 2009, , .	0.8	0
22	The influence of Si doping to the characteristics of AlGaAs / AlAs distributed Bragg reflectors. Proceedings of SPIE, 2009, , .	0.8	0
23	Control of III/VI Ratios in the Preparation of In <sub>2</sub> Se <sub>3</sub> thin Films. Journal of Chemical Research, 2009, 2009, 545-546.	1.3	0