

# Nigel J Alley

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

319  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

642  
citing authors

#	ARTICLE	IF	CITATIONS
1	PPy:PSS as alternative to PEDOT:PSS in organic photovoltaics. <i>Synthetic Metals</i> , 2013, 185-186, 71-78.	3.9	27
2	Investigation of recombination dynamics for indium tin oxide-free organic photovoltaics by illumination dependence study. <i>Journal of Applied Physics</i> , 2013, 114, 053103.	2.5	1
3	Fabrication, characterization, and optical modeling of a new architecture for organic photovoltaics: The vertically orientated stack device. <i>Journal of Applied Physics</i> , 2012, 111, 064914.	2.5	2
4	Stable organic photovoltaics using Ag thin film anodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 6894.	6.7	24
5	p <sup>n</sup> junction organic photovoltaics fabricated by all solution processing. <i>Synthetic Metals</i> , 2012, 161, 2798-2802.	3.9	4
6	Effect of carbon nanotube-fullerene hybrid additive on P3HT:PCBM bulk-heterojunction organic photovoltaics. <i>Synthetic Metals</i> , 2012, 162, 95-101.	3.9	41
7	Nonlinear optical properties of carbon nanotube hybrids in polymer dispersions. <i>Materials Chemistry and Physics</i> , 2012, 133, 992-997.	4.0	30
8	Electrochemically crosslinked surface-grafted PVK polymer brushes as a hole transport layer for organic photovoltaics. <i>Journal of Materials Chemistry</i> , 2011, 21, 10261.	6.7	39
9	Electrochemical Conversion of Copper-Based Hierarchical Micro/Nanostructures to Copper Metal Nanoparticles and Their Testing in Nitrate Sensing. <i>Electroanalysis</i> , 2011, 23, 2164-2173.	2.9	27
10	Design and fabrication of linear pixel arrays for organic photovoltaic modules to achieve scalable power output. <i>Thin Solid Films</i> , 2011, 519, 3264-3267.	1.8	7
11	Organic photovoltaics using thin gold film as an alternative anode to indium tin oxide. <i>Thin Solid Films</i> , 2011, 519, 6169-6173.	1.8	12
12	Strong nonlinear photonic responses from microbiologically synthesized tellurium nanocomposites. <i>Chemical Physics Letters</i> , 2010, 484, 242-246.	2.6	14
13	Optical limiting study of double wall carbon nanotube-Fullerene hybrids. <i>Chemical Physics Letters</i> , 2010, 489, 207-211.	2.6	27
14	Designs and Architectures for the Next Generation of Organic Solar Cells. <i>Energies</i> , 2010, 3, 1212-1250.	3.1	64
15	New microscale vertically oriented organic photovoltaics cells. , 2010, , .		0