

Cory J Flynn

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design Principles for Photovoltaic Devices Based on Si Nanowires with Axial or Radial p-n Junctions. Nano Letters, 2012, 12, 6024-6029.	9.1	119
2	Site-Selective Passivation of Defects in NiO Solar Photocathodes by Targeted Atomic Deposition. ACS Applied Materials & Interfaces, 2016, 8, 4754-4761.	8.0	71
3	Hierarchically-Structured NiO Nanoplatelets as Mesoscale p-Type Photocathodes for Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 14177-14184.	3.1	49
4	Passivation of Nickel Vacancy Defects in Nickel Oxide Solar Cells by Targeted Atomic Deposition of Boron. Journal of Physical Chemistry C, 2016, 120, 16568-16576.	3.1	44
5	Horizontal Silicon Nanowires with Radial p-n Junctions: A Platform for Unconventional Solar Cells. Journal of Physical Chemistry Letters, 2013, 4, 2002-2009.	4.6	41
6	Capillarity-Driven Welding of Semiconductor Nanowires for Crystalline and Electrically Ohmic Junctions. Nano Letters, 2016, 16, 5241-5246.	9.1	36
7	Sensitized Zinc-Cobalt-Oxide Spinel p-Type Photoelectrode. Journal of Physical Chemistry C, 2014, 118, 25340-25349.	3.1	16
8	Compositionally-tunable mechanochemical synthesis of Zn _x Co _{3x} O ₄ nanoparticles for mesoporous p-type photocathodes. Journal of Materials Chemistry A, 2015, 3, 21990-21994.	10.3	14
9	Interfacial electron transfer yields in dye-sensitized NiO photocathodes correlated to excited-state dipole orientation of ruthenium chromophores. Canadian Journal of Chemistry, 2018, 96, 865-874.	1.1	11