

Shih-Chen Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Toward Omnidirectional Light Absorption by Plasmonic Effect for High-Efficiency Flexible Nonvacuum Cu(In,Ga)Se ₂ Thin Film Solar Cells. ACS Nano, 2014, 8, 9341-9348.	14.6	30
2	Non-antireflective Scheme for Efficiency Enhancement of Cu(In,Ga)Se ₂ Nanotip Array Solar Cells. ACS Nano, 2013, 7, 7318-7329.	14.6	28
3	Growth and characterization of Cu(In,Ga)Se ₂ thin films by nanosecond and femtosecond pulsed laser deposition. Nanoscale Research Letters, 2014, 9, 280.	5.7	24
4	A Comprehensive Study of One-Step Selenization Process for Cu(In _{1-x} Ga _x)Se ₂ Thin Film Solar Cells. Nanoscale Research Letters, 2017, 12, 208.	5.7	17
5	Ultrafast carrier dynamics in Cu(In,Ga)Se ₂ thin films probed by femtosecond pump-probe spectroscopy. Optics Express, 2012, 20, 12675.	3.4	16
6	In-Situ Probing Plasmonic Energy Transfer in Cu(In, Ga)Se ₂ Solar Cells by Ultrabroadband Femtosecond Pump-Probe Spectroscopy. Scientific Reports, 2015, 5, 18354.	3.3	7
7	Breakthrough to Non-Vacuum Deposition of Single-Crystal, Ultra-Thin, Homogeneous Nanoparticle Layers: A Better Alternative to Chemical Bath Deposition and Atomic Layer Deposition. Nanomaterials, 2017, 7, 78.	4.1	5