

# George Koutsourakis

## List of Publications by Year in descending order

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14  
papers

65  
citations

1683354

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h-index

1588620

8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compressive Current Response Mapping of Photovoltaic Devices Using MEMS Mirror Arrays. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1945-1950.	2.4	13
2	Compressed Sensing Current Mapping Spatial Characterization of Photovoltaic Devices. IEEE Journal of Photovoltaics, 2017, 7, 486-492.	1.5	9
3	Towards non-destructive individual cell I-V characteristic curve extraction from photovoltaic module measurements. Solar Energy, 2020, 202, 342-357.	2.9	9
4	<i>In situ</i> contactless thermal characterisation and imaging of encapsulated photovoltaic devices using phosphor thermometry. Progress in Photovoltaics: Research and Applications, 2019, 27, 673-681.	4.4	6
5	AlO <sub>x</sub> surface passivation of black silicon by spatial ALD: Stability under light soaking and damp heat exposure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, 022401.	0.9	6
6	Signal Amplification Gains of Compressive Sampling for Photocurrent Response Mapping of Optoelectronic Devices. Sensors, 2019, 19, 2870.	2.1	5
7	High-resolution linearity measurements of photovoltaic devices using digital light processing projection. Measurement Science and Technology, 2021, 32, 055901.	1.4	5
8	Compressed sensing current mapping methods for PV characterisation. , 2016, , .		3
9	Stability of the surface passivation properties of atomic layer deposited aluminum oxide in damp heat conditions. AIP Conference Proceedings, 2019, , .	0.3	3
10	High-speed digital light source photocurrent mapping system. Measurement Science and Technology, 2019, 30, 095902.	1.4	2
11	Toward Megapixel Resolution Compressed Sensing Current Mapping of Photovoltaic Devices Using Digital Light Processing. Solar Rrl, 0, , 2100467.	3.1	2
12	Optical technique for photovoltaic spatial current response measurements using compressive sensing and random binary projections. Journal of Photonics for Energy, 2016, 6, 025508.	0.8	1
13	Atmospheric Monitoring for Very High Energy Gamma Energy Cherenkov Telescopes based on HSRL: Development of High Accuracy Non-Invasive Etalon Characterization Techniques. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 265-268.	0.5	0
14	Imaging of Minority Charge Carrier Lifetimes of Semiconductors using Digital Light Processing and Compressed Sensing. , 2021, , .		0