

# Luca Martini

## List of Publications by Year in descending order

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12  
papers

96  
citations

1684188

5  
h-index

1872680

6  
g-index

12  
all docs

12  
docs citations

12  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization-Independent Nematic Liquid Crystal Waveguides for Optofluidic Applications. IEEE Photonics Technology Letters, 2015, 27, 1709-1712.	2.5	23
2	Silicon heterojunction solar cells toward higher fill factor. Progress in Photovoltaics: Research and Applications, 2020, 28, 307-320.	8.1	16
3	Hydrogen Plasma and Thermal Annealing Treatments on a-Si:H Thin Film for c-Si Surface Passivation. Energy Procedia, 2014, 60, 102-108.	1.8	13
4	Thermal control system based on thin film heaters and amorphous silicon diodes. , 2015, , .		11
5	Fabrication and Characterization of Liquid Crystal Waveguides in PDMS Channels for Optofluidic Applications. Molecular Crystals and Liquid Crystals, 2015, 614, 11-19.	0.9	11
6	Liquid crystal waveguide technologies for a new generation of low-power photonic integrated circuits. , 2015, , .		8
7	Selective contacts and fill factor limitations in heterojunction solar cells. Progress in Photovoltaics: Research and Applications, 2021, 29, 876-884.	8.1	6
8	Electrical tuning of the LC:PDMS channels. Photonics Letters of Poland, 2017, 9, 48.	0.4	6
9	Evaluation of Hydrogen plasma effect in a-Si:H/c-Si interface by means of Surface Photovoltage measurement and FTIR spectroscopy. , 2014, , .		1
10	Polarization independent optofluidic nematic liquid crystal channels. , 2014, , .		1
11	Nano-structured liquid crystal waveguides for optofluidic applications. , 2015, , .		0
12	Hydrogenated silicon sub-oxide film for an effective and thermal stable silicon surface passivation. , 2018, , .		0