

# Carey Reich

## List of Publications by Year in descending order

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15  
papers

156  
citations

1937685

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2053705

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15  
all docs

15  
docs citations

15  
times ranked

134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring MgZnO/CdSeTe Interfaces for Photovoltaics. IEEE Journal of Photovoltaics, 2019, 9, 888-892.	2.5	65
2	Understanding what limits the voltage of polycrystalline CdSeTe solar cells. Nature Energy, 2022, 7, 400-408.	39.5	36
3	CdCl <sub>2</sub> passivation of polycrystalline CdMgTe and CdZnTe absorbers for tandem photovoltaic cells. Journal of Applied Physics, 2018, 123, .	2.5	26
4	Robust passivation of CdSeTe based solar cells using reactively sputtered magnesium zinc oxide. Solar Energy Materials and Solar Cells, 2021, 233, 111388.	6.2	13
5	Microsecond Carrier Lifetimes in Polycrystalline CdSeTe Heterostructures and in CdSeTe Thin Film Solar Cells. , 2020, , .		6
6	Passivation of a Cd <sub>1-x</sub> Mg <sub>x</sub> Te absorber for application in a tandem cell. , 2016, , .		2
7	Sputtered Aluminum Oxide and p <sup>+</sup> Amorphous Silicon Back-Contact for Improved Hole Extraction in Polycrystalline CdSe <sub>x</sub> Te <sub>1-x</sub> and CdTe Photovoltaics. , 2019, , .		2
8	Influence of Process Parameters and Absorber Thickness on Efficiency of Polycrystalline CdSeTe/CdTe Thin Film Solar Cells. , 2020, , .		2
9	Optical Characterization of Ternary Element Loss during Co-Chloride Passivation of Polycrystalline II-VI Wide-Bandgap Alloys. , 2019, , .		1
10	Study of Arsenic Doped CdSeTe Solar Cells Using Transmission Electron Microscopy. Microscopy and Microanalysis, 2020, 26, 1232-1234.	0.4	1
11	$\text{CdSe}_{1-x}\text{Te}_x$ Devices with Reduced Interface Recombination Through Novel Back Contacts and Group-V Doping. , 2020, , .		1
12	Calculation of the thermodynamic voltage limit of CdSeTe solar cells. , 2020, , .		1
13	Co-Sublimated Polycrystalline Cd <sub>1-x</sub> Zn <sub>x</sub> Te Films for Multi-junction Solar Cells. , 2018, , .		0
14	Photoluminescence Study of the Mg <sub>x</sub> Zn <sub>1-x</sub> O/Cd <sub>y</sub> Se <sub>1-y</sub> Te Interface: The Effect of Oxide Bandgap and Resulting Band Alignment. , 2021, , .		0
15	Determination of Series Resistance in CdSeTe/CdTe Solar Cells by the J <sub>sc</sub> –V <sub>oc</sub> Method. , 2020, , .		0