

Carey Reich

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

156
citations

1937685

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2053705

5
g-index

15
all docs

15
docs citations

15
times ranked

134
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Understanding what limits the voltage of polycrystalline CdSeTe solar cells. Nature Energy, 2022, 7, 400-408. | 39.5 | 36 |
| 2 | Photoluminescence Study of the $Mg_xZn_{1-x}O/Cd_{1-y}Se_yTe_1-y$ Interface: The Effect of Oxide Bandgap and Resulting Band Alignment. , 2021, , . | | 0 |
| 3 | 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 |
| 4 | Study of Arsenic Doped CdSeTe Solar Cells Using Transmission Electron Microscopy. Microscopy and Microanalysis, 2020, 26, 1232-1234. | 0.4 | 1 |
| 5 | Influence of Process Parameters and Absorber Thickness on Efficiency of Polycrystalline CdSeTe/CdTe Thin Film Solar Cells. , 2020, , . | | 2 |
| 6 | Microsecond Carrier Lifetimes in Polycrystalline CdSeTe Heterostructures and in CdSeTe Thin Film Solar Cells. , 2020, , . | | 6 |
| 7 | $\text{CdSe}_x\text{Te}_{1-x}/\text{CdTe}$ Devices with Reduced Interface Recombination Through Novel Back Contacts and Group-V Doping. , 2020, , . | | 1 |
| 8 | Calculation of the thermodynamic voltage limit of CdSeTe solar cells. , 2020, , . | | 1 |
| 9 | Determination of Series Resistance in CdSeTe/CdTe Solar Cells by the $J_{sc}\text{--}V_{oc}$ Method. , 2020, , . | | 0 |
| 10 | Tailoring MgZnO/CdSeTe Interfaces for Photovoltaics. IEEE Journal of Photovoltaics, 2019, 9, 888-892. | 2.5 | 65 |
| 11 | Optical Characterization of Ternary Element Loss during Co-Chloride Passivation of Polycrystalline II-VI Wide-Bandgap Alloys. , 2019, , . | | 1 |
| 12 | Sputtered Aluminum Oxide and $p^+amorphous\ Si$ Back-Contact for Improved Hole Extraction in Polycrystalline $Cd_{1-x}Se_xTe_{1-x}$ and CdTe Photovoltaics. , 2019, , . | | 2 |
| 13 | Co-Sublimated Polycrystalline $Cd_{1-x}Zn_xTe$ Films for Multi-junction Solar Cells. , 2018, , . | | 0 |
| 14 | $CdCl_2$ passivation of polycrystalline CdMgTe and CdZnTe absorbers for tandem photovoltaic cells. Journal of Applied Physics, 2018, 123, . | 2.5 | 26 |
| 15 | Passivation of a $Cd_{1-x}Mg_xTe$ absorber for application in a tandem cell. , 2016, , . | | 2 |