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List of Publications by Year
in descending order

12	217	1040056 9	1281871 11
papers	citations	h-index	g-index

14	14	14	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of heterointerfaces and subgap energy states on transport mechanisms in silicon heterojunction solar cells. Progress in Photovoltaics: Research and Applications, 2020, 28, 935-945.	8.1	44
2	Doped hydrogenated nanocrystalline silicon oxide layers for highâ€efficiency câ€Si heterojunction solar cells. Progress in Photovoltaics: Research and Applications, 2020, 28, 425-435.	8.1	42
3	Room-temperature sputtered tungsten-doped indium oxide for improved current in silicon heterojunction solar cells. Solar Energy Materials and Solar Cells, 2021, 227, 111082.	6.2	23
4	High-Mobility Hydrogenated Fluorine-Doped Indium Oxide Film for Passivating Contacts c-Si Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 45586-45595.	8.0	21
5	Design and optimization of hole collectors based on nc-SiO :H for high-efficiency silicon heterojunction solar cells. Solar Energy Materials and Solar Cells, 2021, 219, 110779.	6.2	20
6	Towards bifacial silicon heterojunction solar cells with reduced TCO use. Progress in Photovoltaics: Research and Applications, 2022, 30, 750-762.	8.1	19
7	Oxygenâ€alloyed polyâ€Si passivating contacts for highâ€thermal budget câ€Si heterojunction solar cells. Progress in Photovoltaics: Research and Applications, 2022, 30, 141-151.	8.1	12
8	Realizing the Potential of RF-Sputtered Hydrogenated Fluorine-Doped Indium Oxide as an Electrode Material for Ultrathin SiOx/Poly-Si Passivating Contacts. ACS Applied Energy Materials, 2020, 3, 8606-8618.	5.1	11
9	Ultraâ€thin electron collectors based on ncâ€Si:H for highâ€efficiency silicon heterojunction solar cells. Progress in Photovoltaics: Research and Applications, 2022, 30, 809-822.	8.1	9
10	Strategy to mitigate the dipole interfacial states in (i)aâ€Si:H/MoO_x passivating contacts solar cells. Progress in Photovoltaics: Research and Applications, 2021, 29, 391-400.	8.1	7
11	Controllable Simultaneous Bifacial Cuâ€plating for High Efficiency Crystalline Silicon Solar Cells. Solar Rrl, 0, , .	5.8	6
12	Application of metal, metalâ€oxide, and siliconâ€oxide based intermediate reflective layers for current matching in autonomous highâ€voltage multijunction photovoltaic devices. Progress in Photovoltaics: Research and Applications, 0, , .	8.1	2