

# Eike KÄhnen

## List of Publications by Year in descending order

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13  
papers

2,666  
citations

933264  
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1199470  
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docs citations

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times ranked

2672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining Structure–Activity Relationships in Oxide Derived Cu <sub>2</sub> Sn Catalysts During CO <sub>2</sub> Electroreduction Using X-Ray Spectroscopy. Advanced Energy Materials, 2022, 12, .	10.2	44
2	Perovskite/CIGS Tandem Solar Cells: From Certified 24.2% toward 30% and Beyond. ACS Energy Letters, 2022, 7, 1298-1307.	8.8	128
3	27.9% Efficient Monolithic Perovskite/Silicon Tandem Solar Cells on Industry Compatible Bottom Cells. Solar Rrl, 2021, 5, 2100244.	3.1	59
4	Subcell Operation and Long-Term Stability Analysis of Perovskite-Based Tandem Solar Cells Using a Bichromatic Light Emitting Diode Light Source. Solar Rrl, 2021, 5, 2100311.	3.1	9
5	Revealing Fundamental Efficiency Limits of Monolithic Perovskite/Silicon Tandem Photovoltaics through Subcell Characterization. ACS Energy Letters, 2021, 6, 3982-3991.	8.8	22
6	Monolithic perovskite/silicon tandem solar cell with >29% efficiency by enhanced hole extraction. Science, 2020, 370, 1300-1309.	6.0	1,120
7	Proton Radiation Hardness of Perovskite Tandem Photovoltaics. Joule, 2020, 4, 1054-1069.	11.7	104
8	21.6%-Efficient Monolithic Perovskite/Cu(In,Ga)Se <sub>2</sub> Tandem Solar Cells with Thin Conformal Hole Transport Layers for Integration on Rough Bottom Cell Surfaces. ACS Energy Letters, 2019, 4, 583-590.	8.8	155
9	Highly efficient monolithic perovskite silicon tandem solar cells: analyzing the influence of current mismatch on device performance. Sustainable Energy and Fuels, 2019, 3, 1995-2005.	2.5	208
10	Conformal monolayer contacts with lossless interfaces for perovskite single junction and monolithic tandem solar cells. Energy and Environmental Science, 2019, 12, 3356-3369.	15.6	519
11	Improving Monolithic Perovskite/Silicon Tandem Solar Cells From an Optical Viewpoint. , 2019, , .		1
12	Textured interfaces in monolithic perovskite/silicon tandem solar cells: advanced light management for improved efficiency and energy yield. Energy and Environmental Science, 2018, 11, 3511-3523.	15.6	281
13	Increasing the photo-generated current in solar cells with passivating contacts by reducing the poly-Si deposition temperature. AIP Conference Proceedings, 2018, , .	0.3	6