

# Daniel Kraemer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3415370/publications.pdf>

Version: 2024-02-01

10  
papers

2,534  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

3205  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance flat-panel solar thermoelectric generators with high thermal concentration. Nature Materials, 2011, 10, 532-538.	27.5	987
2	An electrochemical system for efficiently harvesting low-grade heat energy. Nature Communications, 2014, 5, 3942.	12.8	324
3	Concentrating solar thermoelectric generators with a peak efficiency of 7.4%. Nature Energy, 2016, 1, .	39.5	269
4	Achieving high power factor and output power density in p-type half-Heuslers Nb <sub>1-x</sub> Ti <sub>x</sub> FeSb. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13576-13581.	7.1	213
5	Charging-free electrochemical system for harvesting low-grade thermal energy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17011-17016.	7.1	206
6	Nanostructured polymer films with metal-like thermal conductivity. Nature Communications, 2019, 10, 1771.	12.8	197
7	Enhanced Thermal Stability of W <sub>2</sub> NiAl <sub>3</sub> Cermet-Based Spectrally Selective Solar Absorbers with Tungsten Infrared Reflectors. Advanced Energy Materials, 2015, 5, 1401042.	19.5	144
8	A high-performance spectrally-selective solar absorber based on a yttria-stabilized zirconia cermet with high-temperature stability. Energy and Environmental Science, 2015, 8, 3040-3048.	30.8	102
9	Modeling of concentrating solar thermoelectric generators. Journal of Applied Physics, 2011, 110, .	2.5	73
10	Accurate determination of the total hemispherical emittance and solar absorptance of opaque surfaces at elevated temperatures. Solar Energy Materials and Solar Cells, 2015, 132, 640-649.	6.2	19