

# Maciej Haras

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2476325/publications.pdf>

Version: 2024-02-01

11  
papers

480  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelectricity for IoT – A review. Nano Energy, 2018, 54, 461-476.	16.0	230
2	Unconventional Thin-Film Thermoelectric Converters: Structure, Simulation, and Comparative Study. Journal of Electronic Materials, 2014, 43, 2109-2114.	2.2	79
3	Phononic engineering of silicon using – on the fly – e-beam lithography and plasma etching. Microelectronic Engineering, 2014, 121, 131-134.	2.4	78
4	Thermoelectric energy conversion: How good can silicon be?. Materials Letters, 2015, 157, 193-196.	2.6	21
5	Fabrication of Thin-Film Silicon Membranes With Phononic Crystals for Thermal Conductivity Measurements. IEEE Electron Device Letters, 2016, 37, 1358-1361.	3.9	21
6	Native-oxide limited cross-plane thermal transport in suspended silicon membranes revealed by scanning thermal microscopy. Applied Physics Letters, 2017, 111, .	3.3	15
7	Toward quantitative modeling of silicon phononic thermocrystals. Applied Physics Letters, 2015, 106, .	3.3	13
8	Fabrication of integrated micrometer platform for thermoelectric measurements. , 2014, , .		10
9	Pulse mode of operation – A new booster of TEG, improving power up to X2.7 – to better fit IoT requirements. Nano Energy, 2020, 68, 104204.	16.0	8
10	Heat dissipation in partially perforated phononic nano-membranes with periodicities below 100 nm. APL Materials, 2022, 10, 051113.	5.1	3
11	A wide-band modeling of DC-DC two-transistor flyback converter.. , 2011, , .		2