

# Ryan A Duncan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8536902/publications.pdf>

Version: 2024-02-01

11  
papers

410  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and detection of 50 GHz surface acoustic waves by extreme ultraviolet pulses. Applied Physics Letters, 2021, 119, .	3.3	15
2	Direct observation of large electron-phonon interaction effect on phonon heat transport. Nature Communications, 2020, 11, 6040.	12.8	41
3	Thermal transport in nanoporous holey silicon membranes investigated with optically induced transient thermal gratings. Journal of Applied Physics, 2020, 128, .	2.5	6
4	Nanoscale transient gratings excited and probed by extreme ultraviolet femtosecond pulses. Science Advances, 2019, 5, eaaw5805.	10.3	54
5	Observation of second sound in graphite at temperatures above 100 K. Science, 2019, 364, 375-379.	12.6	160
6	Generation of coherent phonons by coherent extreme ultraviolet radiation in a transient grating experiment. Applied Physics Letters, 2018, 113, .	3.3	28
7	Gas-pressure chemical vapor transport growth of millimeter-sized c-BAs single crystals with moderate thermal conductivity. Applied Physics Letters, 2018, 112, .	3.3	14
8	Vibrational dynamics of a two-dimensional microgranular crystal. Physical Review B, 2017, 96, .	3.2	17
9	Unifying first-principles theoretical predictions and experimental measurements of size effects in thermal transport in SiGe alloys. Physical Review Materials, 2017, 1, .	2.4	15
10	Thermal transport in suspended silicon membranes measured by laser-induced transient gratings. AIP Advances, 2016, 6, .	1.3	40
11	Four-wave-mixing experiments with seeded free electron lasers. Faraday Discussions, 2016, 194, 283-303.	3.2	20