

# Riccardo Mincigrucci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/642813/publications.pdf>

Version: 2024-02-01

9  
papers

345  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale Transient Magnetization Gratings Created and Probed by Femtosecond Extreme Ultraviolet Pulses. Nano Letters, 2021, 21, 2905-2911.	9.1	16
2	Generation and detection of 50 GHz surface acoustic waves by extreme ultraviolet pulses. Applied Physics Letters, 2021, 119, .	3.3	15
3	Nanoscale Thermoelasticity in Silicon Nitride Membranes: Implications for Thermal Management. ACS Applied Nano Materials, 2021, 4, 10519-10527.	5.0	5
4	Thermoelasticity of Nanoscale Silicon Carbide Membranes Excited by Extreme Ultraviolet Transient Gratings: Implications for Mechanical and Thermal Management. ACS Applied Nano Materials, 2019, 2, 5132-5139.	5.0	10
5	Nanoscale transient gratings excited and probed by extreme ultraviolet femtosecond pulses. Science Advances, 2019, 5, eaaw5805.	10.3	54
6	Nonlinear XUV-optical transient grating spectroscopy at the Si L <sub>2,3</sub> edge. Applied Physics Letters, 2019, 114, 181101.	3.3	15
7	Advances in instrumentation for FEL-based four-wave-mixing experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 907, 132-148.	1.6	18
8	Generation of coherent phonons by coherent extreme ultraviolet radiation in a transient grating experiment. Applied Physics Letters, 2018, 113, .	3.3	28
9	Four-wave mixing experiments with extreme ultraviolet transient gratings. Nature, 2015, 520, 205-208.	27.8	184