

# Riccardo Cucini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1684733/publications.pdf>

Version: 2024-02-01

17  
papers

769  
citations

687363

13  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifetime of Photogenerated Positive Charges in Hybrid Cerium Oxide-Based Materials from Space and Mirror Charge Effects in Time-Resolved Photoemission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 11174-11181.	3.1	3
2	Ultrafast Resonant Interatomic Coulombic Decay Induced by Quantum Fluid Dynamics. <i>Physical Review X</i> , 2021, 11, .	8.9	10
3	Hard X-ray transient grating spectroscopy on bismuth germanate. <i>Nature Photonics</i> , 2021, 15, 499-503.	31.4	31
4	Quantitative Ultrafast Electron Temperature Dynamics in Photo-Excited Au Nanoparticles. <i>Small</i> , 2021, 17, e2100050.	10.0	7
5	Coherent narrowband light source for ultrafast photoelectron spectroscopy in the 17-31 eV photon energy range. <i>Structural Dynamics</i> , 2020, 7, 014303.	2.3	24
6	Autoionization dynamics of helium nanodroplets resonantly excited by intense XUV laser pulses. <i>New Journal of Physics</i> , 2020, 22, 083043.	2.9	15
7	Nanoscale transient gratings excited and probed by extreme ultraviolet femtosecond pulses. <i>Science Advances</i> , 2019, 5, eaaw5805.	10.3	54
8	Nonlinear XUV-optical transient grating spectroscopy at the Si L <sub>2,3</sub> edge. <i>Applied Physics Letters</i> , 2019, 114, 181101.	3.3	15
9	Acetylacetone photodynamics at a seeded free-electron laser. <i>Nature Communications</i> , 2018, 9, 63.	12.8	72
10	Advances in instrumentation for FEL-based four-wave-mixing experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 907, 132-148.	1.6	18
11	Symmetry breakdown of electron emission in extreme ultraviolet photoionization of argon. <i>Nature Communications</i> , 2018, 9, 4659.	12.8	36
12	Generation of coherent phonons by coherent extreme ultraviolet radiation in a transient grating experiment. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	28
13	Optical setup for two-colour experiments at the low density matter beamline of FERMI. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 114010.	2.2	7
14	Pulse Duration of Seeded Free-Electron Lasers. <i>Physical Review X</i> , 2017, 7, .	8.9	47
15	Four-wave-mixing experiments with seeded free electron lasers. <i>Faraday Discussions</i> , 2016, 194, 283-303.	3.2	20
16	Coherent control with a short-wavelength free-electron laser. <i>Nature Photonics</i> , 2016, 10, 176-179.	31.4	197
17	Four-wave mixing experiments with extreme ultraviolet transient gratings. <i>Nature</i> , 2015, 520, 205-208.	27.8	184