

# Yuning Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8003716/publications.pdf>

Version: 2024-02-01

20  
papers

273  
citations

1039406

9  
h-index

940134

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing greenhouse production by spectral-shifting and unidirectional light-extracting photonics. <i>Nature Food</i> , 2021, 2, 434-441.	6.2	40
2	Topological guiding of elastic waves in phononic metamaterials based on 2D pentamode structures. <i>Scientific Reports</i> , 2017, 7, 18043.	1.6	37
3	Finite element analysis of surface modes in phononic crystal waveguides. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	25
4	Laser ultrasonic damage detection in coating-substrate structure via Pearson correlation coefficient. <i>Surface and Coatings Technology</i> , 2018, 353, 339-345.	2.2	22
5	Exploring topology of 1D quasiperiodic metastructures through modulated LEGO resonators. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	22
6	Observation of topological gravity-capillary waves in a water wave crystal. <i>New Journal of Physics</i> , 2019, 21, 083031.	1.2	18
7	Acoustic beam splitting at low GHz frequencies in a defect-free phononic crystal. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	17
8	Acoustic waves undetectable by transient reflectivity measurements. <i>Physical Review B</i> , 2017, 95, .	1.1	12
9	Simulation of laser-generated longitudinal and shear ultrasonic waves in a diamond anvil cell by the finite element method. <i>Journal of Applied Physics</i> , 2012, 111, 013107.	1.1	10
10	Interface Adhesion and Structural Characterization of Rolled-up GaAs/In <sub>0.2</sub> Ga <sub>0.8</sub> As Multilayer Tubes by Coherent Phonon Spectroscopy. <i>Scientific Reports</i> , 2017, 7, 5385.	1.6	10
11	Guiding of elastic waves in a two-dimensional graded phononic crystal plate. <i>New Journal of Physics</i> , 2017, 19, 013029.	1.2	9
12	Single-Shot Compressed Photoacoustic Tomographic Imaging with a Single Detector in a Scattering Medium. <i>Physical Review Applied</i> , 2020, 13, .	1.5	9
13	Dual-compressed photoacoustic single-pixel imaging. <i>National Science Review</i> , 2023, 10, .	4.6	7
14	Moiré-Driven Topological Transitions and Extreme Anisotropy in Elastic Metasurfaces. <i>Advanced Science</i> , 2022, 9, e2200181.	5.6	7
15	Minimal Surface-Based Materials for Topological Elastic Wave Guiding. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	7
16	Influence of transparent coating hardness on laser-generated ultrasonic waves. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	6
17	Effect of oblique force source induced by laser ablation on ultrasonic generation. <i>Optics Express</i> , 2014, 22, 166.	1.7	6
18	Improvement of focused ultrasonic beam generated by laser phased array: Theoretical analysis. <i>Journal of Applied Physics</i> , 2019, 125, .	1.1	5

#	ARTICLE	IF	CITATIONS
19	Finite element modeling of bulk ultrasonic waves generated by ring-shaped laser illumination in a diamond anvil cell. <i>Optics Express</i> , 2012, 20, 6429.	1.7	4
20	Influence of initial time of laser ultrasonic on calculating its propagation velocity in a diamond anvil cell. <i>Ultrasonics</i> , 2013, 53, 701-705.	2.1	0