

# Yuning Guo

## List of Publications by Year in descending order

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20  
papers

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citations

1040056

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940533

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g-index

21  
all docs

21  
docs citations

21  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-compressed photoacoustic single-pixel imaging. National Science Review, 2023, 10, .	9.5	7
2	Moiré-Driven Topological Transitions and Extreme Anisotropy in Elastic Metasurfaces. Advanced Science, 2022, 9, e2200181.	11.2	7
3	Minimal Surface-Based Materials for Topological Elastic Wave Guiding. Advanced Functional Materials, 2022, 32, .	14.9	7
4	Exploring topology of 1D quasiperiodic metastructures through modulated LEGO resonators. Applied Physics Letters, 2021, 118, .	3.3	22
5	Increasing greenhouse production by spectral-shifting and unidirectional light-extracting photonics. Nature Food, 2021, 2, 434-441.	14.0	40
6	Single-Shot Compressed Photoacoustic Tomographic Imaging with a Single Detector in a Scattering Medium. Physical Review Applied, 2020, 13, .	3.8	9
7	Observation of topological gravity-capillary waves in a water wave crystal. New Journal of Physics, 2019, 21, 083031.	2.9	18
8	Improvement of focused ultrasonic beam generated by laser phased array: Theoretical analysis. Journal of Applied Physics, 2019, 125, .	2.5	5
9	Laser ultrasonic damage detection in coating-substrate structure via Pearson correlation coefficient. Surface and Coatings Technology, 2018, 353, 339-345.	4.8	22
10	Acoustic beam splitting at low GHz frequencies in a defect-free phononic crystal. Applied Physics Letters, 2017, 110, .	3.3	17
11	Guiding of elastic waves in a two-dimensional graded phononic crystal plate. New Journal of Physics, 2017, 19, 013029.	2.9	9
12	Acoustic waves undetectable by transient reflectivity measurements. Physical Review B, 2017, 95, .	3.2	12
13	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. Scientific Reports, 2017, 7, 5385.	3.3	10
14	Topological guiding of elastic waves in phononic metamaterials based on 2D pentamode structures. Scientific Reports, 2017, 7, 18043.	3.3	37
15	Finite element analysis of surface modes in phononic crystal waveguides. Journal of Applied Physics, 2016, 119, .	2.5	25
16	Effect of oblique force source induced by laser ablation on ultrasonic generation. Optics Express, 2014, 22, 166.	3.4	6
17	Influence of initial time of laser ultrasonic on calculating its propagation velocity in a diamond anvil cell. Ultrasonics, 2013, 53, 701-705.	3.9	0
18	Influence of transparent coating hardness on laser-generated ultrasonic waves. Journal of Applied Physics, 2013, 113, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Finite element modeling of bulk ultrasonic waves generated by ring-shaped laser illumination in a diamond anvil cell. Optics Express, 2012, 20, 6429.	3.4	4
20	Simulation of laser-generated longitudinal and shear ultrasonic waves in a diamond anvil cell by the finite element method. Journal of Applied Physics, 2012, 111, 013107.	2.5	10