

# Clemens GrÃ¼nsteidl

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

167  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse characterization of plates using zero group velocity Lamb modes. Ultrasonics, 2016, 65, 1-4.	3.9	45
2	Determination of thickness and bulk sound velocities of isotropic plates using zero-group-velocity Lamb waves. Applied Physics Letters, 2018, 112, .	3.3	29
3	Spatial and temporal frequency domain laser-ultrasound applied in the direct measurement of dispersion relations of surface acoustic waves. Applied Physics Letters, 2013, 102, 011103.	3.3	25
4	On the crossing points of the Lamb modes and the maxima and minima of displacements observed at the surface. Ultrasonics, 2014, 54, 759-762.	3.9	18
5	Broad-angle negative reflection and focusing of elastic waves from a plate edge. Physical Review B, 2016, 93, .	3.2	15
6	Sub-acoustic resolution optical focusing through scattering using photoacoustic fluctuation guided wavefront shaping. Optics Express, 2020, 28, 9823.	3.4	14
7	In situ laser-ultrasonic monitoring of Poisson's ratio and bulk sound velocities of steel plates during thermal processes. Acta Materialia, 2022, 235, 118097.	7.9	9
8	Measurement of the attenuation of elastic waves at GHz frequencies using resonant thickness modes. Applied Physics Letters, 2020, 117, .	3.3	7
9	Using zero-group-velocity lamb waves to determine thickness and bulk sound velocities of isotropic plates. AIP Conference Proceedings, 2019, , .	0.4	2
10	Determination of longitudinal and transversal attenuation coefficients in the frequency domain using zero group velocity Lamb waves. , 2019, , .		2
11	Investigating peculiarities of piezoelectric detection methods for acoustic plate waves in material characterisation applications. TM Technisches Messen, 2021, 88, 147-155.	0.7	1