

# Jiaze He

## List of Publications by Year in descending order

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12  
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Subsurface polycrystalline reconstruction based on full waveform inversion - A 2D numerical study. <i>Materialia</i> , 2022, 24, 101482.	2.7	7
2	Numerical ultrasonic full waveform inversion (FWI) for complex structures in coupled 2D solid/fluid media. <i>Smart Materials and Structures</i> , 2021, 30, 085044.	3.5	11
3	Guided wave tomography based on least-squares reverse-time migration. <i>Structural Health Monitoring</i> , 2020, 19, 1237-1249.	7.5	21
4	Elastic least-squares reverse-time migration with density variation for flaw imaging in heterogeneous structures. <i>Smart Materials and Structures</i> , 2020, 29, 035017.	3.5	13
5	Multi-mode reverse time migration damage imaging using ultrasonic guided waves. <i>Ultrasonics</i> , 2019, 94, 319-331.	3.9	43
6	Least-squares reverse time migration (LSRTM) for damage imaging using Lamb waves. <i>Smart Materials and Structures</i> , 2019, 28, 065010.	3.5	25
7	IWSHM 2017: Damage-scattered wave extraction in an integral stiffened isotropic plate: a baseline-subtraction-free approach. <i>Structural Health Monitoring</i> , 2018, 17, 1365-1376.	7.5	6
8	Lamb-wave-based two-dimensional areal scan damage imaging using reverse-time migration with a normalized zero-lag cross-correlation imaging condition. <i>Structural Health Monitoring</i> , 2017, 16, 444-457.	7.5	24
9	A quantitative damage imaging technique based on enhanced CCRTM for composite plates using 2D scan. <i>Smart Materials and Structures</i> , 2016, 25, 105022.	3.5	25
10	Lamb waves based fast subwavelength imaging using a DORT-MUSIC algorithm. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	3
11	Lamb wave-based subwavelength damage imaging using the DORT-MUSIC technique in metallic plates. <i>Structural Health Monitoring</i> , 2016, 15, 65-80.	7.5	57
12	Damage identification for composite structures using a cross-correlation reverse-time migration technique. <i>Structural Health Monitoring</i> , 2015, 14, 558-570.	7.5	53