

# Jiaze He

## List of Publications by Year in descending order

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12  
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times ranked

191  
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#	ARTICLE	IF	CITATIONS
1	Lamb wave-based subwavelength damage imaging using the DORT-MUSIC technique in metallic plates. Structural Health Monitoring, 2016, 15, 65-80.	7.5	57
2	Damage identification for composite structures using a cross-correlation reverse-time migration technique. Structural Health Monitoring, 2015, 14, 558-570.	7.5	53
3	Multi-mode reverse time migration damage imaging using ultrasonic guided waves. Ultrasonics, 2019, 94, 319-331.	3.9	43
4	A quantitative damage imaging technique based on enhanced CCRTM for composite plates using 2D scan. Smart Materials and Structures, 2016, 25, 105022.	3.5	25
5	Least-squares reverse time migration (LSRTM) for damage imaging using Lamb waves. Smart Materials and Structures, 2019, 28, 065010.	3.5	25
6	Lamb-wave-based two-dimensional areal scan damage imaging using reverse-time migration with a normalized zero-lag cross-correlation imaging condition. Structural Health Monitoring, 2017, 16, 444-457.	7.5	24
7	Guided wave tomography based on least-squares reverse-time migration. Structural Health Monitoring, 2020, 19, 1237-1249.	7.5	21
8	Elastic least-squares reverse-time migration with density variation for flaw imaging in heterogeneous structures. Smart Materials and Structures, 2020, 29, 035017.	3.5	13
9	Numerical ultrasonic full waveform inversion (FWI) for complex structures in coupled 2D solid/fluid media. Smart Materials and Structures, 2021, 30, 085044.	3.5	11
10	Subsurface polycrystalline reconstruction based on full waveform inversion - A 2D numerical study. Materialia, 2022, 24, 101482.	2.7	7
11	IWSHM 2017: Damage-scattered wave extraction in an integral stiffened isotropic plate: a baseline-subtraction-free approach. Structural Health Monitoring, 2018, 17, 1365-1376.	7.5	6
12	Lamb waves based fast subwavelength imaging using a DORT-MUSIC algorithm. AIP Conference Proceedings, 2016, , .	0.4	3